



# *SECOND MATE* *ORALS QUESTION BANK*

*Segregated as per*  
*Functions / Surveyors/ Dates*



- Updated Feb'24

~ All the Best ~

**Please Note:-**

- ***These question are segregated as follows:-***
  - 1<sup>st</sup> Segregation By Function***
  - 2<sup>nd</sup> Segregation by Name of Surveyor &***
  - 3<sup>rd</sup> Segregation by Dates in Descending order***
- ***You might find some questions quite old, as those surveyors still comes in MMD/ D.G. However they are taking orals of other candidates and not Second Mates. However, if the surveyor of Second mates doesn't come, they might take your orals.***

| SURVEYOR | DATE        | QUESTIONS  | FUNCTION |
|----------|-------------|--|----------|
| AGARWAL  | 10-APRIL-23 | Nuc Lt, RAM Lt, Aground Lt & fog signal, Cbd day signal, dimension of cylinder, Vertical spacing of fwd mast head Lt, 2 sitn, limitation of ECDIS, safety depth, catzoc 6*, Trs (Path and track), action sighting redflare on stbd bow, Errors of echo sounder, pythagoras error, DGPS shows what, India in which Nav area, Errors of barograph, Info on routing chart, INSPIRE, How will u prepare vsl after cargo discharging?   | F1       |
| AGARWAL  | 23-FEB-23   | Started with situations -<br>A vessel sounded 2 prolonged blast and 2 short blast and is at your stbd quarter in a narrow channel , what is her intentions and what will be your action.<br>You are oow of a pdv and a pdv less than 20m is crossing you from stbd to port in a TSS . Who is give-way, stand- on , and action.<br>A vessel not detected on Radar but you heard a sound of a vessel on your stbd quarter, action as per which rule. Some more situations but simple ones. Day shapes dimensions. Aground vessel lights. NUC Lights and defination. Arc of visibility of all lights. Quote Rule 3 RAM all conditions, Rule 19 RV. How will you take over a nav watch at night? Before departure what all test and checks will you carry out? Ranging of Echo sounder? Errors of Doppler log? Gyro failure action? What will happen when your vessel enters shallow waters? Why we find compass error? What is deviation? What all methods can be used to determine compass error? How will you carry out SART test? GMDSS Equipments daily and weekly tests? Routeing charts info? | F1       |
| AGARWAL  | 12-OCT-22   | Started with rules. Rule 19. Rule 14.<br>Situation, one vessel 3° on stbd bow one vessel overtaking from stbd quarter action.<br>One vessel 3° on stbd bow fishing fleet on stbd side, nearest vessel 3 mile, action.<br>Normal crossing situation vessel on 3 point ports bow.<br>Vessel aground fog signal. Pdv fog signal. Nuc day signal.<br>Taking over watch at sea.   | F1       |
| AGARWAL  | 12-DEC-21   | Started with company name and type of ship done...<br>Responsibility of power driven vessel under rule 18.<br>Nuc lights and shapes. Ram vsl lights and shapes and day signal, and shapes dimensions. Pilot vsl lights and shapes. At day time how will you recognise the ram vessel.<br>Fishing vsl and trawler lights and shapes. Vessel Aground RV sound signal.<br>Situation 1 - one vsl on 1 point stbd bow, both masthead lts and side lts visible, one vsl on one point abaft of beam , and you are overtaking the vsl on beam... Action.<br>Situation 2 - in TSS one vsl is crossing from stbd action.<br>In Ecdis passage planning... Catzoc...<br>Which area you will mark no go area... Horizontal sector of side light and intensity... Katabatic and anabatic wind.. How will you find dew point..<br>In trs you are in dangerous quadrant action.. Meteorological instruments..<br>Rule no 13 quote. What is squat?<br>How will you Take over watch at Anchor...what things you will check during watch..  | F1       |
| AGARWAL  | 11-OCT-21   | Passage planning, ECDIS chart full, ECDIS ENC update.<br>Information from nut nautical publications, Draw wreck dang to nav,<br>ITU publications content, T and p notice,<br>Weekly maintenance of gmdss equ, Testing sart,<br>TRS apprch sign, Barrometer height correc,<br>TRS track and path diff, Quote rule 19,14,13,6.<br>Crossing situations lots of cross ques, Cardinal bouy N .. S.. light and top mark,<br>Fog signal all vsl, Vert. Spacing between shape,<br>Dim of cylinder, Lights of all vessel,<br>Take over watch in night, Gyro failure,<br>Latitude error in gyro reason, Squat and reason for that  | F1       |

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| AGARWAL | 9-AUG-21  | <ul style="list-style-type: none"> <li>• Rule 3(Ram definition),7,8, 13,14</li> <li>• VSL fwd for u in narrow channel with distance reducing. Action?</li> <li>• How will you overtake in Narrow channel?</li> <li>• Lights and shape of NUC, RAM, CBD</li> <li>• Size of shape NUC, RAM, CBD shape.</li> <li>• Sound Signal in RV for PD, NUC,Anchor, Aground</li> <li>• meaning of morse U</li> <li>• Cut off for side lights in fwd direction</li> <li>• Cut off for mast head light</li> <li>• Flag Alfa meaning</li> <li>• routing chart content</li> <li>• SART test.</li> <li>• GMDSS weekly test.- How will u do on load test.</li> <li>• Entries in GMDSS logbook.</li> <li>• rockets or shells seen. What action will you take.</li> <li>• Echo sounder errors. Explain pythagoras error.</li> <li>• What is the Speed of acoustic wave.</li> <li>• ENC chart correction.</li> <li>• ASD correction.</li> <li>• Draw and show symbol for wreck with depth unknown dangerous to surface navigation</li> </ul> | F1 |
| AGARWAL | 12-MAR-21 | <p>15-20 cards, Ram lights, Shapes dimensions, Vertical spacing of RAM, Paper chart correction and Ecdis correction, INDSAR, Many situations (not satisfied with my answer) and marked cross. NUC RV signals, TRS in detail, Isobars pattern. Factor affecting turning circle and their explanations. Who maintains records of Indsar, Who control Indsar. Quote rule : 6,13,5,19. Fishing vessel anchor lights. IAMSAR search pattern. Creeping line search in detail. Isophase occulting. ECDIS performance standards. Radar plotting OAW triangle.</p>  | F1 |
| AGARWAL | 3-FEB-21  | <p>Rule 6, 8, 13, 14, 15, 18 CBD RAM NUC, DAY SIGNAL RAM NUC CBD night signal, Situation 3-4, Cards 3-4, Pilot vessel rv signal, Passage planning, Publication on board &amp; correctn What information you gt from ASD Corrections , Sextant errors, Ranging and phasing of echo sounder &amp; errors Why gyro show errors in higher lat?</p>   | F1 |
| AGARWAL | 5-JAN-21  | <p>Amver, IAMSAR Gyro in high lat Errors of barograph Routing charts Various situations about crossing and overtaking Rule 6 and 18 8 e</p>  | F1 |
| AGARWAL | 4-DEC-20  | <p>ROR rule 19,3,7,3, 18. NUC lights and shapes. Alpha flag what indicate. Diving operation lights. Shapes dimensions. ENC correction detail. Ranging phasing. Limitations of ECDIS. Performance standards of ECDIS. Mumbai to Tokyo which publication you will refer. 4 cards. Simple situation crossing and overtaking. Narrow channel overtaking what sound uh will give. Track path TRS origin. Names of metrological equipment on board. Annex 4</p>  | F1 |
| AGARWAL | 6-NOV-20  | <p>Rule 6, 13, 14, 15, 18 Cards: NUC, Ram, cardinal marks, preferred channel. Grounding vsl light day light signal, space between balls and specifications, Ram day light signal and specifications, NUC day and night signal, fog signal all VSL, H and P Morse code signal , turning circle, GPS error, Situations: crossing, overtaking. how will you come to know that your chart is corrected, echo sounder error, phasing and ranging, inspires, squat and</p>   | F1 |



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|         |            | how to minimize the squat, sextant errors, routine chart detail, annex 4 in detail, gyroscope principal, gyro error, one condition you are in China and you had a collision with fishing vessel take action in synchronization.   |    |
| AGARWAL | 6-NOV-20   | Principal of gyro, Gyro errors.<br>RAM day signal night signal.<br>Day signal ball dimentions. Day signal Diamond dimentions.<br>Buoys cards , ror cards. Rule no 13,18,19.<br>Fog signals of PD , PILOT VESSEL<br>3 situations. Crossing and overtaking.   | F1 |
| AGARWAL | 5-NOV-20   | Rule 6, 9, 19, 18A<br>Cards: Nuc, Ram, cardinal marks, isolated danger, preferred channel.<br>Situations: crossing , overtaking.<br>How to correct paper chart, how will you come to know that your chart is corrected, Enc corrections, AIO , echo sounder error, chart datum, IAMSAR search pattern, Amver , inspires, squat and how to minimize the squat, sighted rocket parachute flares take action, How to test sart and when ?<br>Barometer errors, how you will find height to apply barometer error, Sextant errors, onload offload test of GMDSS battery, daily and weekly checks of GMDSS equipment                                   | F1 |
| AGARWAL | 9-OCT-20   | (Mainly asked old questions from my previous orals)<br>-Rule 19,18,6,9,15<br>-annex4<br>-definitions & day shapes and specifications of RAM, CBD, fishing vsl etc<br>-INSPIRES, managing authority of it<br>-INDSAR. managing authority<br>-Sextant and its errors, glasses, etc.<br>-gyro fail actions as OOW<br>-deviation card<br>-after departure from port u saw lot of fishing traffic around your vsl, suddenly u heard a loud noise. Your actions<br>-errors of barograph<br>-situations in narrow channels (about 90%), crossing, RV, head on, overtaking, sailing<br>-Cards on RAM, NUC, anchored vsl, aground vsl, north cardinal mark | F1 |
| AGARWAL | 4-MARCH-20 | 1) use of lightning holes<br>2) saucering and bundling<br>3) precautions of coal<br>4) sheer plate, camber<br>5) content of sopep<br>6) GMP requirements<br>7) requirements for lowering L/B<br>8) IMSBC Groups<br>9) take over cargo watch<br>10) while using DCP extinguisher why CO2 doesn't come out  | F1 |
| AGARWAL | 2-MARCH-20 | 1) Passage planning.<br>2) How ill u use ASD from where u gets information of asd. What all info u get from ASD?<br>3) Chart symbol, wreck swept by wire, wreck dangerous to navigation.<br>4) Echo sounder error? Pythagoras in detail.<br>5) Limitation of ECDIS?<br>6) Chart correction?<br>7) CNM?<br>8) Alrs volume? & name?<br>9) Aneroid barometer error. How will u correct index error?<br>10) Control test?<br>11) Ror-13 ,19, flag O ,H ask colour and signal?<br>12) Situations crossing, narrow channel ovtkg, headon.<br>Amplitude, azimuth etc not remember  | F1 |

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| AGARWAL | 13-FEB-20 | <p>Started with general intro and his guidelines for answering</p> <p>Commenced with fxn1</p> <p>Passage plan publications,</p> <p>ALRS volumes in detail, ITU manual, ASD contents, other publications,</p> <p>Chart corrections, NTM asked to correct a chart with some notices,</p> <p>Echo sounder: errors, phasing, explain how to obtain morning and noon sight, sextant errors,</p> <p>SART testing procedure, ROR Rules 19,18,7 emergency as gyro failure and actions.</p> <p>Laid down some courses of the same and asked what course to steer in this case</p> <p>Some Situations of PD and SV, Cardinal buoys, E cardinal mark light, etc.</p>   | F1 |
| AGARWAL | 12-FEB-20 | <ul style="list-style-type: none"> <li>- rule 18,19, CBD</li> <li>- Passage planning (not exactly PP but general stuff )</li> <li>- Various Fog signal</li> <li>- Annex 2</li> <li>- Taking over watch</li> <li>- Situation head on, crossing (rule 2 involved)</li> </ul>  | F1 |
| AGARWAL | 3-FEB-20  | <ol style="list-style-type: none"> <li>1. Cards reg - Preferred channel to port/ Stbd, Towing vessel, Fishing Vessel.</li> <li>2. Situations. <ol style="list-style-type: none"> <li>a. RV, when own vessel slow down there is a vessel right behind so cannot slow down and vessel on starboard side very close. So justify going to port using 2b.</li> <li>b. OV in TSS crossing vessel from starboard side. So in TSS normal rules apply i.e own vessel to give way.</li> <li>c. Above situation but in Narrow channel then own vessel becomes stand on vessel.</li> <li>d. CBD vessel. CBD has PD vessel on starboard bow. So has to know CBD does not have right of way and has to reduce speed, however the PD vessel may give way depending on the situation but is not required.</li> <li>e. Towing vessel. Towing vessel on port bow. So has to know that own vessel is stand on vessel unless towing vessel is showing RAM lights.</li> <li>f. PD vessel being overtaken by FV. So has to know the irrespective of the type any vessel overtaking has to give way.</li> </ol> </li> <li>3. What is passage plan and stages of passage plan.</li> <li>4. What is clearing bearing?</li> <li>5. What is Margin of Safety?</li> <li>6. What is Amplitude and when is taken</li> <li>7. How do you take noon position by sight. Explain fully</li> <li>8. What if you get clouds during noon sight. What are options</li> <li>9. How to do corrections on ECDIS?</li> <li>10. How to do T&amp;P corrections in ECDIS?</li> <li>11. What is Catzod in ECDIS charts?</li> <li>12. What are the minimum inputs in ECDIS?</li> <li>13. What are routing charts?</li> <li>14. Error echo sounder</li> </ol> <p>Explain stylus speed error</p> | F1 |
| AGARWAL | 8-JAN-20  | <p>Limitations of ECDIS. Tell me about IAMSAR. Draw sector search.</p> <p>Many different cards including day shapes too. (Tried to confuse by showing day signal of 3 black balls in a vertical line and later 3 red lights in a vertical line cards).</p> <p>What is squat? How to reduce it?</p> <p>Method to obtain accurate gyro error? (transit lights).</p> <p>Signs you'll get of approaching TRS.</p> <p>Wind is veering and you are in South China Sea, which semicircle you're in? (You're in NH)</p> <p>Now you got all the signs of TRS, take action. Buoys ballot law? What is interaction?</p> <p>Why is barometer used? Why is anemometer used?</p>  | F1 |
| AGARWAL | 6-JAN-20  | <p>Emergency wreck marking buoy.</p> <p>Rule 19, Rule 9, Rule 14, Rule 15.</p> <p>Crossing narrow channel and overtaking situations with 3 vessels (lots of cross question related to the situation only).</p> <p>Limitations of ECDIS. Errors of echo sounder. What is Pythagoras error?</p> <p>Sea stabilization mode. Ground stabilization mode. What is Isobar?</p> <p>Sign of formation of TRS. Errors of aneroid barometer.</p> <p>You add or subtract the height correction in aneroid barometer</p>   | F1 |

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|         |           | Saw rocket parachute flair at port bow...action?<br>CBD card and CBD definition. INDSAR, Pilot vessel lights.<br>Fog signal of pilot vessel. Fishing vessel light at anchor. Fog signal of aground vessel.  |    |
| AGARWAL | 19-DEC-19 | What is rule 19,5,13,14,17<br>CBD RAM NUC definition light n day signal<br>Chart symbol<br>How will u find ur position no equipment working<br>Heading 090 east cardinal mark right ahead action<br>Limitation of ECDIS<br>Why gyro showing error at higher latitude<br>Error of gps echosounder n many more cross questn in between like wht is Pythagoras error n abt error. Seen rocket parasute action.   | F1 |
| AGARWAL | 16-DEC-19 | 1. Rule 18 in own words<br>2. Cross qns n asked CBD and Ram vessel definitions<br>3. 2 situations<br>4. Echo sounder error<br>5. Cards of bouys isolated danger mark and east cardinal bouy<br>6. Rule 19 explanation<br>7. Inspires?? couldn't answer this<br>8. Gyro yy not working in higher latitude<br>9. You see red flare on ur starboard bow, take action.<br>10. Limitations of ECDIS  | F1 |
| AGARWAL | 5-DEC-19  | Taking over cargo watch at sea (at night)<br>Passage planning in detain name of all publications used in passage planning<br>How to correct ASD on board.<br>Lots of card<br>RAM, NUC, CBD, trailer, pilot vsl,<br>Length of the cylinder and dia.<br>Quote rule 6, 13, 18, 19, 3.<br>Definition of CBD, NUC.<br>How will you correct charts?<br>How will you know the vsl that is nearby you is a NUC or a aground vsl.<br>WT will be the day and night signal   | F1 |
| AGARWAL | 13-NOV-19 | ROR understanding can do no need to quote. Rule 13, 18, 8.<br>Situations, day and night signal's card. Windrose with description ,<br>Chart datum, Phasing mode (echo sounder ).<br>Gyro failure, Why do gyro fails over 70 's,<br>Bouyage system n thr lights (Isophase, acculting, flashing),<br>Order charts on ECDIS, Your vessel aground action, Distress signals annex 4.   | F1 |
| AGARWAL | 11-NOV-19 | 1. What rules applies in sight of one another?<br>2. Rule 6,19 and 14 code<br>3. 9,10 cards night ,day and buoy<br>4. Symbols 4,5<br>5. Day n night signal for ram ,nuc,fishing and action and dia of shape,and there spacing (anex 1)<br>6. Storm ,u r in NH. How to find u r in dangerous semicircle or navigable Semicircle<br>7. What is RHSC, Veering, path and track in TRS<br>8. Situation in narrow channel overtaking vessel. .and sound signals . .all about narrow channel<br>9. Errors of echo sounder<br>10. What is phasing in echo sounder?<br>11. What is INSPIRE and who controls it<br>12. Anderson turn .when to use n how to use<br>13. Passage planning from Mumbai to haldiya<br>14. How to monitoring in passage plan<br>15. All publication. After that what is d use of ASD and it's contents<br>16. 2 point on stbd bow red flare seen .what it is .and what actions u will take<br>17. 2 all-round red light and white light on her aft .sighted what actions u will take. | F1 |

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|      |          | 18 . E. Cardinal mark sighted right ahead<br>19. What is RAM vessel (all 6 points)<br>20. How to do correction in ECDIS<br>21. Errors of GYRO And how to current this errors<br>22. What is muster card and it's contents<br>23. How to take Parallel indexing?<br>24. Tell me about running fix<br>25. Error of sextant<br>26. Ur duty as a navigation officer.  |    |
| AJAY | 4-OCT-21 | Rules 19,13,14,15,10. Definitions<br>Turning circle explain. Wheelhouse poster<br>How to correct old chart? Very basic easy situation.<br>Advantages of ECDIS over chart.<br>Performance STD, alarms. Echo sounder full in detail.<br>IAMSAR, INDSAR inspire. Barometer. Buys ballot.   | E1 |
| AMAR | 4-OCT-21 | 1. Why cyclones are formed<br>2. How will you know you are approaching cyclone<br>3. Action when you stuck in cyclone<br>4. How to determine you are in which semi-circle<br>5. Rule 6<br>7. Stopped me at radar characteristic and told to explain all three points<br>8. What do you mean by any constraints imposed on radar range scale<br>Situation 1- you are CBD another vessel on STBD bow action (easy one)<br>Light shape of the same.<br>Situation 2- you are in TSS another vessel on STBD bow risk of collision exist<br>Quote rule 10. Quote rule 15, 16, 17.<br>Situation 3- in RV vessel on STBD bow.<br>Man over board on STBD action.<br>Draw Williamson turn, Anderson turn.<br>Can you use vhf for avoiding collision (give reason for your yes or no ans).<br>Draw partly submerged wreck, wreck dangerous to navigation.<br>ALRS volume. Routing chart.   | E1 |
| AMIT | 7-NOV-23 | 1.Explain BOUYAGE SYSTEM<br>2.List countries of Region A and Region B<br>3. ALL IALA CARDS (LATERAL, CARDINAL, SAFE WATER MARK, ISOLATED)<br>4.You are following 000 and see N-cardinal buoy action<br>5. RULE 2<br>6. What does you mean by EXONERATE in rule 2A<br>7. Rule 5<br>8. Explain Word meaning in FULL APPRAISAL in rule 5<br>9. Overtaking situation in TSS<br>Own vessel following lane doing 10kts and a CBD abaft our beam doing 15kts action<br>10. Above situation what if there is draft restriction for CBD on her STBD side what will be the action<br>11.Explain CBD<br>12. when will A Vessel become CBD<br>13. RV RADAR OPERATIONAL: a vessel following 000/ 2 vessel on stbd bow and 1 vessel on astern/roc for vessel on stbd bow and no roc for vessel on astern, ACTION( AS PER 19D(I)<br>14. How to calculate sextant altitude( he wants to hear full procejure for calculation)<br>15. In above question ask about INDEX Error, DIP, OBS ALT, TOTAL CORRECTIONS FOR SUN<br>16. Definitions GR,LR, NOMINAL RANGE<br>17. Errors of echo sounder<br>18. Why Pythagoras error for Echo sounder<br>19. Errors of GPS<br>20.What does 30 SEC navigational means and which equipment gives<br>21. Def OF CATZOC and explain CATZOC table<br>22. From where do we take HT OF LIGHTHOUSE? | E1 |

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|         |            | 23. Definition of POSITION LINE AND POSITION CIRCLE<br>24. Application of RULE 7 on basis of RADAR( EXPLAIN 7D).  |    |
| ANISH   | 8-MAR-21   | 9 10 ROR cards. ASD.<br>Routeing charts. CIRM<br>How to remove bubble from magnetic compass<br>Rule 14<br>Errors of echo sounder<br>2 situations in ROR   | F1 |
| AWASTHI | 4-OCT-23   | 1) Which company, where is head quarters, which country.<br>2) Conduct a passage plan from kandla to jeddah keeping in mind position plotting via celestial and terrestrial means,<br>3) what is chart catalogue, have you seen chart catalogue, what information is there in chart catalogue,<br>4) sailing directions, from where will you get which sailing direction to be used.<br>5) mariners handbook, what info you get<br>6) how will you select which charts to be used for the above passage.<br>7) type of charts, gnomonic, mercator. Can you use gnomonic charts for above voyage. How do you use gnomonic charts for passage planning.<br>8) how will you do execution and monitoring in the above voyage.<br>9) what do you mean by long by chron.<br>10) how do you get a vessels position using celestial means.<br>11) you are a 3rd officer, how do you take over a watch, what will you do extra during the night watch, what all equipments do you check.<br>12 ) how do you check a vessels position.<br>13) what is a chronometer, what is a gps clock, how does it work. How will you get chronometer error.<br>14) How do you check atmospheric pressure on board. Corrections for pressure.<br>15) Sextant errors, which error can be corrected onboard. How do you check the error, how do you correct it.<br>16) what info do you get from routeing charts.<br>17) how do you plot a position on the ecdis, what if gps fails, how will you get position from celestial means.<br>18) compass error, where will get var and dev from, have you done it.<br>19) Boxing of compass S to E. How many points total. He said you missed something or said something extra, this is not right.<br>20) where is jeddah, which ports have you been to. From where will you get info about ports. | F1 |
| AWASTHI | 19-JUNE-23 | External started with intro, pre sea, company name, types of ship etc.<br>What does BP in Bp marine academy stands for, I said Badal Pratap.<br>Who are they? Sons of Chairman RC Singh.<br>Who is principal? Amarjeet Singh.<br>Passage planning in detail from Kandla to Cape Town.<br>Cross question, contents of chart catalog, what other info from chart catalog.<br>How can you determine the distance between Kandla & Cape town.<br>Routine charts, what other information you get?<br>Sailing Directions.<br><br>Done with passage plan, asks where did you do ECDIS course?<br>-Massa, Full form of Massa, who is principal. I said I dont remember.<br>Limitations of ECDIS, Performance standards of ECDIS. How to update charts in Ecdis.<br>Difference between Raster and vector chart.<br>How to perform proper bridge watch.<br>How will you know you have clear or restricted visibility?<br>BNWAS in detail. Where did you join your ship and what was route?<br>I said, Fujairah, UAE.<br>Full form of UAE. How many emirates in UAE? Says How can you not know!<br>Few night cards. Gyro error, how to calculate.<br>Ok you can mute<br><br>No ROR, No situations.   | F1 |



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| AWASTHI | 9-NOV-21    | <p>Started with normal conversation type of ship company etc etc.</p> <p>Asked about voyages I've done, very detailed passage plan from Mundra to Barcelona in detail (HRA reporting, weather conditions report, Nav warnings etc)</p> <p>Few simple situations.</p> <p>Went into different publications their use and other basic stuff.</p> <p>Master pilot exchange</p> <p>Ship manoeuvring characteristics</p> <p>Position fixing methods celestial and terrestrial.</p> <p>About Sextant.</p> <p>How will you know helmsman is following proper orders (RoT indicator, rudder angle and course recorded)</p> <p>Banking effect.</p> <p>Muster card making and components.</p>  | F1 |
| AWASTHI | 2-NOV-21    | <ol style="list-style-type: none"> <li>1. Company, types of ships done</li> <li>2. Detailed passage planning from Chittagong to Jakarta.</li> <li>3. Who approves passage plan.</li> <li>4. To whom will u include on bridge meeting for passage planning.</li> <li>5. 1 fathom.</li> <li>6. Synopsis chart and diff types of chart</li> <li>7. What is ecdis in detail.</li> <li>8. What is official and unofficial charts.</li> <li>9. How will u correct ecdis.</li> <li>10. Who approves ecdis.</li> <li>11. Have u ever faced TRS? How was ur exp. With trs we had conversation for 5 mins .</li> <li>12. Dangerous quadrant.</li> <li>13. Navigable semi circle ,</li> <li>14. In which leg of passage planning u will keep bridge meeting , how will u explain passage planning .</li> </ol> | F1 |
| AWASTHI | 16-MARCH-20 | <ol style="list-style-type: none"> <li>1. Crossing and overtaking situation</li> <li>2. How will you identify a vessel is overtaking you?</li> <li>3. What is lookout?</li> <li>2. Rule 2,7,13</li> <li>3. Passage planning Cochin to Chitagong.</li> <li>4. What is NP100?</li> <li>5. Where is IMO? What does it do?</li> <li>6. Boxing of compass S to E</li> <li>7. Master standing orders</li> <li>8. Can you reduce the speed to avoid collision without consulting master?</li> </ol>  | F1 |
| AWASTHI | 4-NOV-19    | <p>Sextant errors and their correction.</p> <p>Passage plan Mundra to Jakarta.</p> <p>Fire you are in your cabin, fire alarm, action.</p> <p>How to escape in such situation nearest exit?</p> <p>Rule 21. Sat C</p> <p>Basic procedure for hand steering.. what to check?</p> <p>Prepare muster list. Components of magnetic compass ..have u seen onboard.</p> <p>Sight procedure and what is chronometer and its error with correction req.. gps not working.</p> <p>Dist. between two day signals (shapes).</p>   | F1 |
| AWASTHI | 11-AUG-19   | <p>Passage plan from Kochi to Far East , position plotting etc . (Weather Conditions, HRA , Traffic). Situation. Lights shapes and signals ( mining , fishing vessel , nuc etc ).</p> <p>Distance between to vertical lights?</p> <p>Emergency : M/E failure while approaching port action , Master not picking up the call action , etc ( Main Indication of Lights and Shape). ASD , chart catalogue.</p> <p>IAMSAR . What volume should be available on bridge?</p> <p>Sextant Errors, Index Error and correction.</p>   | F1 |

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| AWASTHI  | 6-AUG-19  | <p>Sextant errors and their correction</p> <p>Passage plan Mundra to Jakarta</p> <p>Fire ..u r in ur cabin, fire alarm, action</p> <p>How to escape in such situation..nearest exit</p> <p>Rule 21. Sat C.</p> <p>Basic procedure for hand steering..what to check?</p> <p>Prepare muster list</p> <p>Components of magnetic compass ..have u seen onboard?</p> <p>Sight procedure and what is chronometer and its error with correction req..gps not working.</p> <p>Dist between two day signals (shapes).</p>  | F1 |
| AZAD     | 17-OCT-23 | <p>1. Latest codes and conventions in last 5 years.</p> <p>2. Sprinkler system , then asked where is the bulb located that fuses.</p> <p>3. Solas contents</p> <p>4. Marpol discharge reqs.</p> <p>5. SEQ Survey.</p> <p>6. Plans u will refer for SEQ LSA equipments.</p>  | F1 |
| AZAD     | 17-OCT-23 | <p>1 . NUC AND RAM CROSSING WHAT ACTION BY BOTH.</p> <p>2 . PDV AND NUC CROSSING ACTION AND BY WHICH RULE</p> <p>3. LIGHTS OF TRAWLER VESSEL.</p> <p>4. LIGHTS OF FISHING VESSEL.</p> <p>5. WHICH VESSEL DON'T SHOW ANCHOR LIGHTS.</p> <p>6. RULE 1,2,10,25,17</p> <p>7. SOUND SIGNALS</p> <p>8. U ARE PDV CROSSING TSS A VSL ON PORT BOW FOLLOWING TSS , ACTION.</p> <p>9. THERE ARE TWO LANES ONE NORTH BOUND ONE SOUTHBOUND THERE IS ONE MORE LANE WHAT IS ITS NAME ( IF SOMEONE KNOW PLEASE ANSWER)</p> <p>10. ANNEX 2 NAME</p>   | F1 |
| BALU     | 4-MAR-22  | <p>Passage plan. Which all publications and there use?</p> <p>Routeing charts. ECDIS limitations. ECDIS advantages .</p> <p>GPS fail what will happen to ECDIS. How will you determine compass error?</p> <p>Amplitude and azimuth what different and how to calculate?</p> <p>Konsi body ka Azimuth lete hai.</p> <p>Nautical almanac use. Approaching signs of TRS.</p> <p>Metrological warning how you receive.</p> <p>Phasing in navtex (not answered).</p> <p>Total rules in ROR. Layout of ROR all parts.</p> <p>With name and annex names. Rule 6 explain in ur own words.</p> <p>How will you determine ROC. Rule 19.</p> <p>I start quoting, he said explain in ur own words</p> <p>Which all rules u will follow in RV and which rules you will not follow</p> <p>Day night and fog signals of Pilot, CBD, fishing, NUC, Ram, sailing</p> <p>Is mine clearance comes under RAM, why not show RAM light</p> <p>Situations in TSS. CBD crossing from either side.</p> | F1 |
| BANERJEE | 24-NOV-22 | <p>1) Sun- Dec 20N and GHA 250° then what is GP of sun.</p> <p>2) What will be the effect of tide when taking VSA?</p> <p>3) 8-10 Cards of fishing, NUC, aground, pair trawling, etc.</p> <p>4) quote rule 8,19D, 10k and 10L</p> <p>5) one situation NUC crossing from port and RAM crossing from stbd and one SV on stbd quarter action?</p> <p>6) Shallow water effects</p> <p>7) squat</p> <p>8) squat in deep waters and shallow waters and formula for both</p> <p>9) draw sector search pattern and tell everything about it.</p>  | F1 |



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| BANERJEE | 28-OCT-22 | <p>What is safety depth? What is psuedo buoy?</p> <p>Janus configuration. Rule no 6. Rule no 7. Rule no 8.</p> <p>What is squat (formula)? What Is bow cushion effect?</p> <p>What is drift angle? What is crash stop? What Is inertia stop?</p> <p>5-7 ror cards. Lateral marks.</p> <p>Power driven vessel engaged in fishing at anchor? Lights.</p> <p>Situations rv and cv. What is azimuth? What is amplitude?</p>   | F1 |
| BANERJEE | 13-OCT-22 | <p>1) what method will you prefer for sight in morning? Why?</p> <p>2) why no declination for Aries in almanac?</p> <p>3) Cards- trawler, cbd, isolated danger, reg A pref chn to port mark, east cardinal</p> <p>4) asked me to draw expanding square search diagram on paper and show</p> <p>5) MOB in RV...</p> <p>6) which turn will you take in RV?</p> <p>7) procedure of williamson turn</p> <p>8) advance, transfer, tact. Dia</p> <p>9) squat</p> <p>10) bow cushion?</p> <p>11) what factors will u determine while deciding safe speed?</p> <p>12) how will you come to know you are overtaking another vessel?</p> <p>13) what is Rule 19d?</p> <p>14) RV...you are doing 000°, on your port bow NUC crossing from port to stbd and on stbd bow RAM crossing stbd to port and SV using engines at 22.5° abaft stbd beam... action??</p> <p>15) barometric tendency?</p> <p>16) what information you get on Routine chart?</p>   | F1 |
| BAWEJA   | 14-MAR-23 | <p>Told me:- Normally I give candidate 3 chances if they perform good then ok otherwise I fail them</p> <p>Asked have you ever switched on radar in open sea, think twice then answer I said yes, he said tht can be your first mistake, Tell me how to switch radar on?</p> <p>What is the part of radar that takes time to warm up? How much time it'll take to warm ( tell the performance standard).</p> <p>2nd que:- What is Trial manoeuvre?</p> <p>Alarms associated with?</p> <p>He said ok good, let's move to ror</p> <p>I give you 3 cards if you are good in any two then we move fwd otherwise you log out!</p> <p>Shown me Air cushion vsl card and towing vsl which is also RAM</p> <p>I told him the answer he was not satisfied he told me you are on border line</p> <p>One situation of TSS, heavy traffic inbound,, one vsl on stbd bow other port bow</p> <p>Don't forget to mention abt reporting to vts and master,</p> <p>Int:- vsl crossing from stbd bow, action</p> <p>Same vsl on port bow action</p> <p>Diff bw fishing vsl and trawler</p> <p>You are in bombay see a dredger ahead action</p> <p>Wht lights n shape n sound signal does a dredger exhibit?</p> <p>How will you determine is it on anchor or making way and which side to pass?</p> <p>Ship reporting system</p> <p>In india what reporting is mandatory? (Indsar n inspire).</p> | F1 |
| BAWEJA   | 4-AUG-21  | <p>What questions you didn't answer last time. I said due to wrong action in TSS was failed.</p> <p>Most important point of calling master. 2 important steps of taking over watch.</p> <p>Weekly notices to mariners of Indian hydrographic office.</p> <p>I said it has 9 section and said include t&amp;p correction.</p> <p>He asked difference in tand p and which becomes permanent.</p> <p>Chart not corrected for 2 years.</p> <p>Trawler vessel lights , day signals and fog. Define trawler vessel as per rule 26.</p> <p>Factor which afftec ship manuverability order wise. Wanted to hear squat in end.</p> <p>Vessel aground fog signal. Overataking and crossing difference.</p>   | F1 |

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| BAWEJA | 9-MARCH-20  | Charts corrections on ECDIS. ECDIS perf std.<br>ROR cards. Rule 6,5 quote.<br>Smelling the ground. Echo sounder errors.<br>Meteorology eqps. Amendments to IAMSAR.<br>Arpa alarms   | F1 |
| BAWEJA | 6-FEB-20    | <ul style="list-style-type: none"> <li>• how 2 make gyro north seeking</li> <li>• manual inputs in gyro</li> <li>• gyro principal</li> <li>• gps principal/limitations</li> <li>• pp on ecdis frm Colombo to Singapore</li> <li>• What all things to refer during planning a passage</li> <li>• ecdis in detail</li> <li>• shallow contour, safety contour, deep contour, safety depth, catzoc defn</li> <li>• head on situation with shoal patch on stbd side</li> <li>• 7-8 cards</li> <li>• taking ovr bridge watch in open sea</li> <li>• diff btwn gps and dgps</li> </ul>   | F1 |
| BAWEJA | 4-FEB-20    | Limitations of ECDIS. Alarms of Arpa. IAMSAR in detail<br>Day cards. Rules 5,6,17,19.<br>ECDIS updates. T&P corrections<br>Williamson turn  | F1 |
| BAWEJA | 14-OCT-19   | T and P notices. ASD volumes and corrections. Radar performance standard. Trial manoeuvre. Ground stab sea stab. Ecdis AIO. Passage planning on Ecdis.<br>ROR cards 5. Rule no 39 40 41.<br>Chart corrections. Amplitude azimuth. Muster card preparation. Crossing situations.<br>Overtaking situation in clear and restricted visibility.<br>Factors affecting maneuvering characteristics.   | F1 |
| BEHL   | 11-MARCH-20 | How to take over anchor watch? 20 pts. 2 buoys. Cardinal. And preferred channel.<br>Cargo operation is finishing in 2 hrs. Prepare vessel for sea.<br>How will you prepare? Then which book you will refer for pasage planning? BPG.. He even wants the colour of the book. Narrow channel. Sv 2kts. Ur vsl 4 kts. Action.<br>In that shallow water effect. Bow cushion. Limitations of radar. Alarms in ecdis.<br>If manufacturing instruction for correcting equipment is printed. How will u know ur equipment are good or not?? Ans : Performance standards each equipment.<br>How much steering helm u give for trying out.<br>If engineer vl tell u he wants to out try engines what action?.check mooring tights.. Check for boats tugs clear them away.. Propeller clearance... | F1 |
| BEHL   | 8-FEB-20    | ECDIS passage planning. In brief.<br>Duties as OOW when pilot comes over. He needs at least 20 points.<br>GPS errors<br>Buoys. And light signals of them. He had removed the top mark.<br>ITCZ AKA Doldrums.<br>No rules no cards   | F1 |
| BEHL   | 7-FEB-20    | <ol style="list-style-type: none"> <li>1. True alt @40°N at winter solstice what will be sun true alt at merpass</li> <li>2. Factors effecting squat</li> <li>3. Bouy identification "pref channel to port reg b &amp; west cardinal mark " without top marks</li> <li>4. Situations involving narrow channel , tss , overtaking</li> <li>5. Passage planning important things to mark on chart</li> <li>6. ECDIS limitations</li> <li>7. Ram cbd definition n lights</li> <li>8. Departure checklist important points</li> <li>9. Navigation in costal water important points</li> <li>10. Grounding action</li> </ol>   | F1 |

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| BEHL     | 6-FEB-20   | <ul style="list-style-type: none"> <li>• Taking over navigation watch</li> <li>• prepare bridge for sailing</li> <li>• entering narrow channel precautions</li> <li>• situations cards</li> <li>• IALA buoyage</li> </ul>   | F1 |
| BEHL     | 7-SEPT-19  | <p>No rules. No situations. No cards. No buoys.</p> <p>How will you take over anchor watch (He wanted 25 points)</p> <p>At least 7 note you'll write on chart...(apart from the things which master decides like stand by engine, call master etc).</p> <p>And then he started asking questions on Celestial navigation which I don't remember then Meteorology. What is radiation fog? Different type of currents</p>  | F1 |
| BHARDWAJ | 13-JUNE-22 | <p>EXT said lets start with ROR and asked how to mark a danger position that has just occurred (first I told about isolated danger mark, then remember EWMB- so told EWMB)</p> <ul style="list-style-type: none"> <li>- Lights of Fishing vessel</li> <li>- FV at anchor</li> <li>- Pilot vessel at anchor then asked what if making way through water</li> <li>- You see a Vessel RAM on your port side and you are CBD vessel whose duty to keep clear</li> <li>- CBD vessel DAY SIGNAL (I told him night signal, he asked again).</li> <li>- what will you do after handing over your bridge watch at night</li> <li>- Chart scales, small scale &amp; large scale</li> <li>- BNWAS</li> <li>- can anybody come on bridge</li> <li>- what is bridge access criteria</li> <li>- GMDSS: what all checks on GMDSS equipment.</li> </ul> <p>I told only two then he himself suggested about EPIRB and SART then I told about their testing</p> | F1 |
| BHUSHAN  | 2-FEB-22   | <p>ECDIS performance standards, How do check charts are updated?</p> <p>What are the errors of echo sounder? What are the controls on auto pilot?</p> <p>CBD lights, pilot vsl lights, NUC vsl lights and also day signals.</p> <p>Mob action? Where to find ASD updates? How to calculate squat and how it can be reduced?</p> <p>How to take Williamson turn? What is route check on ECDIS?</p> <p>What is the difference between DGPS and GPS? What is cut of and cut on of lights?</p> <p>Few situations. Wheel over position?</p>  | F1 |
| BHUSHAN  | 1-MAR-21   | <p>Good guy, will ask u very basic stuff.</p> <p>4-5 cards Fishing vsl &amp; Towing vsl</p> <p>2-3 situations.</p> <p>How do u know chart is updated?</p> <p>What is the information provide by Wheel house poster?</p> <p>What do u mean by maneuvering characteristics of ship? in detail.</p> <p>What is information provided by Routine charts?</p>   | F1 |
| BHUSHAN  | 1-MAR-21   | <p>Ram, nuc light n day</p> <p>7-8 cards</p> <p>Lateral marks</p> <p>Components of auto pilot</p> <p>Emergency source and reserve source of power</p> <p>Safety settings of ecdis</p> <p>U r OOW received nav warning, what u will do?</p>  | F1 |
| BISWAS   | 20-JAN-23  | <ol style="list-style-type: none"> <li>1. Rule 38</li> <li>2. Annexes name</li> <li>3. Horizontal and vertical spacing of light for pdv &gt; 100m</li> <li>4. Rule 32</li> <li>5. Short blast</li> <li>6. Prolong blast</li> <li>7. 34d</li> <li>8. How to attract attention</li> <li>9. Part b section 3 of ROR</li> </ol>   | F1 |

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|        |           | 10. Rule 19b<br>11. Safe speed<br>12. Factors determining safe speed<br>13. 6b<br>14. Limitations of RADAR<br>15. performance standard of Radar<br>16. Vbw/hbw<br>17. Rule 29<br>18. Lights of pilot not engaged in pilotage duty<br>19. Arc of visibility of mastheadlight<br>20. Arc of sidelight<br>21. Range of sidelight less than 20m  |    |
| BISWAS | 16-DEC-22 | Is rules applicable for war ships?<br>Rules 34d, 29, 17C,<br>What is safe speed in own words<br>Characteristics of radar , limitations of radar. performance standard for hbw,vbw,prf<br>Shown flag D,G their meanings. with G flag he wanted hear used by fishing vessel when hauling nets.<br>Why eccdis is called as all do equipment.<br>ROR Cards - 1.Fishing vessel other than trawler from stbd side. Also dimensions of day singnal for that vessel.<br>Pilot vessel lights when with pilot onboard and without pilot onboard.   | F1 |
| BISWAS | 24-AUG-22 | How many rules and parts in ROR, what is part E? How many annex, their name?<br>Horizontal and vertical distance between masthead lt.<br>Rule 32, Rule 29, Rule 9. NC own vsl overtaking, sound signals?<br>Trawler card - normal and with purse seine gear. What does 1 prolonged and 1 short blast indicate? Duration of short and prolonged blast. West cardinal mark<br>Co 270 wcm right ahead, action. Co 000 wcm right ahead, action.<br>Radar characteristics and limitations. Echo sounder error.<br>What is datum in sector search, how to perform sector search.<br>Williamson turn, Pivot point, RCDS mode in ECDIS.<br>Catzoc, Muster card, EPIRB homing and normal Freq.<br>Location and content of maneuvering booklet. Temperature inversion.   | F1 |
| BIWAS  | 25-OCT-23 | 1. Pdv crossing you (pdv) from your port to stbd. Situation? Rule? Action?<br>If no action by target vl. If target vessel is cbd what you, if u r taking action as a/c/Co to stbd, then as per ?? All above vl day signal lights fog signals.<br>2. Flag D meaning.<br>3. Rule 32. 18d. 17c. 15. 34d. Annex 1.<br>He will not ask to quote, his situations above requires above references.<br>Very nice capt. Simple and straight question.<br>4. Ram nuc aground vl. Card fog day signal, action as per which rule.<br>5. vertical positioning of lights.<br>6. Prolonged blast. Short blast duration.<br>7. spring and neap tides. How often they occur.<br>8. Elongation. Quadrature.<br>9. Explain rule 2.<br>10. Eco sounder error.<br>11. Is there NBDP still there on ship.<br>12. epirb homing frequency. | F1 |
| BS RAO | 17-NOV-23 | 1) How many rules in Ror and annexes, name all annexes and give a brief discription of things present in each annex<br>2) Situation - 1 Towing vsl crossing port to stbd and one pdv vsl overtaking from Port quarter, action<br>3) Showed 4-5 cards and asked for action and fog signal - Ram, dredger, Towing (I did one mistake in action in one card)<br>4) Principal of Gyro - explain rigidity in space<br>5) Definition of ECDIS and what is ECDIS (just wanted to listen it is for safe navigation and antigrouning tool)<br>6) What are ENCs<br>7) What is CATZOC, explain in your words ?  | F1 |

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|        |           | <p>8) How will you determine ROC exists in your words ?</p> <p>9) What is safe speed in your words ?</p> <p>10) Told me to tell the lights, fog signal, day shape of NUC, Aground, Ram dredger/uwo</p> <p>11) What is your obligation if you hit any vessel in coastal areas and steps you will take after collision ? (I told him points, missed out inform engine room and he wanted to hear that).</p>  |    |
| BS RAO | 18-JAN-23 | <p>FIRST INTERNAL TOLD HIM TO SHOW ROOM TOUR AND THEN DID PRIMARY, SECONDARY CAMERA SETUP ,AND THEN DID PASSPORT /CDC VERIFICATION HANDED OVER TO EXTERNAL AND INTERNAL SWITCHED OFF HIS CAMERA BUT WAS LISTENING AT BACKGROUND.</p> <p>EXTERNAL TOLD LETS START WITH ROR</p> <p>1 . WHICH ALL RULES APPLIES IN RESTRICTED VISIBILITY</p> <p>2. GAVE HEADON, CROSSING IN CLEAR VISIBILITY, AND THEN HOW YOU WILL OVERTAKE IN NARROW CHANNEL, AND THEN 1 HEADON VSL AND 1 CROSSING VESSEL IN TSS, AND THEN CBD ON PORT BOW IN TSS.</p> <p>3. CARDS ( MIN HE SHOWED UPTO 40 CARDS - ALL WERE MIXED OF LIGHTS , SHAPES , IALA AND WANTS TO HEAR ALL INFORMATION OF CARDS</p> <p>4. ECDIS MAIN FUNCTION, SAFETY SETTINGS, WHAT IS CONTOUR, WHAT IS SAFETY DEPTH, ADVANTAGE OF ECDIS OVER PAPER CHART, DISADVANTAGES OF ECDIS</p> <p>5. LIMITATIONS OF RADAR , PERFORMANCE TEST, PERFORMANCE MONITOR OF RADAR AND ARPA</p> <p>6. PERFORMANCE STANDARDS OF GPS, ECHO SOUNDER, AIS, BNWAS</p> <p>7. YOUR HDG 000 , YOU SAW SOUTH CARDINAL BUOY , ACTION AND YOUR HDG 090, YOU SAW NORTH CARDINAL BUOY</p> <p>8. HOW MANY RULES IN ROR</p> <p>9. DUTIES IF OOW</p> <p>10. TRS APPROACHING ACTION, HOW TRS IS FORMED .</p> <p>11. ANEROID BAROMETER ERROR, WHAT ALL MET EQUIPMENT ON YOUR LAST VESSEL.</p> <p>12. WHAT IS PASSAGE PLANNING</p> <p>13. ALL PUBLICATIONS USED IN PASSAGE PLANNING</p> <p>14. WHAT IS BPG</p> <p>15. WHAT IS ECIDS CARRIAGE REQUIREMENTS</p> | E1 |
| BS RAO | 17-NOV-23 | <p>1.what are rules in ror.</p> <p>2. Structure of ror</p> <p>3. Situation</p> <p>1.pdv follwing nc and fv crossing from port to stbd roc exist</p> <p>2. A vsl one at port quarter overtaking a towing vsl at port bow action</p> <p>3.a fv vsl overtaking on stbd quarters action.</p> <p>4.advantages of ecdis</p> <p>5. Catzoc</p> <p>6.principle of gyro</p> <p>7. Errors of gyro</p> <p>8.Right handed propeller which side will have short turn.</p> <p>9. Which rules talk abt narrow channel</p> <p>10. Rules applicable in tss</p> <p>11.which are action to avoid collision and which is best why justify.</p> <p>12. how will u determine roc</p> <p>13. Define ecdis.</p>   | E1 |
| BS RAO | 25-OCT-23 | <p>1. What according to you is risk of collision ! And how will you find out!</p> <p>2.what is safe speed ( said to explain in own words)</p> <p>3.qoute rule 9 and 19</p> <p>4. Various situations in tss and narrow channel</p> <p>5. In RV u are PV following traffic lane ! Other vessel passing port to stbd. Action</p> <p>6. When ull find ur overthinking other. Vessel.</p> <p>Cross question if it is less than 22.5 what is the senario</p> <p>7. 3 situation s in RV</p> <p>8. 18d</p> <p>9. Rules applicable in RV, ( he wants to hear rule 13 also)</p> <p>10.everything about TRS</p>   | E1 |



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|        |            | 11. U are OOW u receive distress signal action .<br>12. different types of MOB recovery methods<br>13. Define ECDIS.<br>14. Advantages and alarms ( wants to hear primary means of navigation and anti grounding tool)<br>15. Alarms of ecdis( tried to confuse )<br>16. What is ur primary duty as OOW!<br>17. taking over watch at night .<br>18. ROR cards<br>19. IALA cards<br>20. While doing a course of 090 u see west cardinal bouy action  |    |
| BS RAO | 4-OCT-23   | 1. structure of Ror<br>2. Content of Annex<br>3. rule 10<br>4. aground vessel light, shapes and fog signal<br>5. own vessel pd in tss one vessel crossing from stbd to port roc exist action. ( he dnt want to listen reduce speed, preferred alter co m enter inshore traffic zone.)<br>6. own vessel pd open sea, one pd overtaking from stbd quarter, one pd at reciprocal co roc exist action<br>7. own vsl pd in narrow channel another pd vessel crossing from stbd to port roc exist action<br>8. how to determine roc<br>9. wat is safe speed<br>10. preferable action to avoid collision (alterations of co bcoz it's readily apparent to another vessel)<br>11. few cards of towing and ram and action<br>12. cardinal mark<br>13. isolated danger mark<br>14. how to initiate a short turn<br>15. How to determine trs is developing<br>16. What Action you will take as oow after receiving distress msg.<br>17. u r in coastal waters collided with another vsl wat actions you will take as oow | F1 |
| BS RAO | 21-SEPT-23 | 1. what is safe speed<br>2. what is safe speed value<br>3. Factote decide Safe speed<br>4. How will you determine ROC (visually take bearing compare with radar range.<br>5. Quote rule no 9 and 19<br>6. In Narrow channel sufficient water is available how will you over take if sufficient water available no need to sound signal that is he want to hear<br>7. chart depth<br>8. you are in thick fog hearing aground vessel fog signal action and fog signal ( he want to hear brodad Alterations to Stbd reverse course and inform master and<br>9. what is advance when you are doing Astern propulsion<br>10. EWMB<br>11. how to determine safe speed<br>12. region B areas as per IALA.  | F1 |
| BS RAO | 21-SEPT-23 | 1. how will you determine ROC<br>2. what is safe speed? How to determine<br>3. what is safe speed? Value<br>4. narrow channel full<br>5. chart depth<br>6. Quote rule No 6<br>7. quote rule no 19   | F1 |
| BS RAO | 21-MAR-23  | 1. STARTED WITH CONTENT OF ROR (He needs point to point) with Annex<br>2. RV , WHICH ALL RULES APPLICABLE (AS PER HIM , 1-10, 13 , 19 , 20-33,35-41)<br>3. ROR CARDS DAY NIGHT IALA (MIXED TRAWLER, RAM , CBD , ISOLATED DANGER , WANTS POINT TO POINT AS WRITTEN ON CARDS)<br>4. LIGHTS OF ALL VESSELS<br>5. DISTRESS RCVD ACTION<br>6. NARROW CHANNEL PDV TWING CROSSING PORT<br>7. RV - 3-4 SITUATIONS MOSTLY OVERTAKING   | F1 |

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|        |           | 8. DEFINATION OF AUDIT<br>9. EPIRB HEXA CODE<br>10. ECDIS CARRIAGE REQUIREMENTS<br>11. SAFETY SETTINGS<br>12. UPDATE CHARTS PAPER PROCEDURE<br>13. PASSAGE PLANNING BERTH TO BERTH<br>14. GYRO PRINCIPLE, ERRORS, CORRECTION<br>15. MEANS OF TERRESTRIAL FIX<br>16. CARDINAL BOUYS EXPLAIN<br>17. LRIT FUNCTIONING<br>18. AIS<br>19. WHEN TO CALL MASTER<br>20. HOMING FREQUENCY<br>21. RELATIVE VECTOR, TRUE VECTOR<br>22. GPS PRINCIPLE<br>23. ECHOSOUNDER FAILED ACTION<br>24. MOB MANOUVERS<br>25. ADVANCE, TACTICAL DIA IMO CRITERIA  |    |
| BS RAO | 23-JAN-23 | Started with cards (IALA Region A/B, DAY/NIGHT CARDS) 8 cards from each section<br>ROR situations<br>In TSS A vssl crossing From Stbd to Port ROC exist action?<br>Same situation (above) crossing from port to Stbd   | F1 |
| BS RAO | 14-DEC-22 | 1. Part F of Title.<br>2. Explain what is in Part F.<br>3. Is Rule 34 applicable to Restricted Visibility.<br>4. ROR How many Sections and the name it.<br>5. What is Rule 9, 10, 19, RAM definition.<br>6. Aground, RAM, Pilot vessel, CBD : lights, Shape, Fog signal.<br>7. Quote title of ROR FULL.<br>8. Some ROR Cards (Day & Night).<br>9. IALA Cards (Mix Region A & B ).<br>10. Situation (TSS: P.D. Crossing Vessel from strb to port), action??   | F1 |
| BS RAO | 7-DEC-22  | Rules applicable in R.v (wanted to hear rule 13 also).<br>In rule 13, which rules talks about R.v and explain it (Rule 13 part 1).<br>rule 10. Situation.<br>in TSS vsl is crossing from stbd to port action ?, Which is give way and as per which rule<br>How rule 15 is applicable in TSS( as per rule 10 part 1).<br>stbd bow point 3 both side light nd mast light visible, range 5 miles away action?<br>Same situation when vsl on 2 miles action?<br>aspect, stbd bow 3 degree open sea action?<br>in nc , a vsl crossing, who is give way, action?<br>how to do chart correction? method of finding compass error?<br>Aground vsl fog signal. How will you sound additional signal (wanted to hear 2 short blast followed by one prolong blast on whistle)?<br>Lights and shapes of aground vsl. Horizontal positioning of aground lights.<br>Technical details of sound signalling appliances. Advantage of ECDIS.<br>Elements of passage planning. secondry port tide calculation?<br>imasar,search patterns, Approaching sign of TRS. | F1 |
| BS RAO | 5-DEC-22  | 1. What is safe speed<br>2. What are circumstances affected safe speed<br>3. Quote rule 6 , 9,10,19<br>4. What are vsls can use ITZ<br>5. What are vsl shall not impd the passage in TSS of PDV<br>6. Overtaking in Narrow channel<br>7. Overtaking in Narrow channel if sufficient sea room with lots of cross questions<br>8. 7 situation in Clear visibility<br>9. 3 situation in Restricted visibility   | F1 |



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|        |            | 10. Part F only definition<br>11. 5 card with the same situations<br>12. Isolated danger mark<br>13. EWMB<br>14. Special mark<br>15. Preferred channel in region B<br>16. How will you determine Risk of collision with lots of cross questions<br>17. How will you determine close quarters situation.<br>18. Sign of approaching TRS with lots of cross questions<br>19. Avoiding action in Tra with lots of cross questions<br>20. Quote 8f also explanation<br>21. Action when you see a rocket parachute<br>22. Squat in deep<br>23. Transverse thrust<br>24. Routine chart<br>25. Prognosis chart<br>26. Synoptic chart<br>27. Lrit<br>28. Method taking gyro errors<br>29. How will you find tide<br>30. Tidal steam<br>31. Neap tide, spring tide.<br>32. How to calculate secondary port tide<br>33. What is Ecdis<br>34. Safety settings of Ecdis<br>35. how to update charts in Ecdis<br>36. Performance standards of Ecdis<br>38. Catzoc<br>39. Raster n vector chart<br>40. Ecdis applies to which vsls<br>41. Performance standards of radar<br>42. Vbw hbw<br>43. What is amplitude<br>44. What is azimuth   |    |
| BS RAO | 24-AUG-22  | 1) How many rules are there in Colregs and how are they laid down?<br>2) You are in thick fog ..u hear forward of your beam 3 separate and distinct strokes followed by rapid ringing of bell for 5 seconds and then 3 sep. and distinct strokes? Asses the situation (Action he wanted to hear alter course to stbd and retrack your path)<br>3) You are in a narrow channel , there's a vsl ahead of u at much slower speed and there's sufficient sea room for passage of 3 vsls of your size ..assess the situation? (I told him action as per Rule 9 e ..but he said that already i told u there's enough room so no need for her to take action for safe passage ..you can overtake )<br>4) Lights, day signal and fog signal. A " Pdv nuc ", Vessel engaged in towing, Aground vsl, Vsl ram.<br>5) What is safe speed? (He wasn't happy with quoting the rules he wanted to hear the understanding).<br>6) What are the ways to avoid risk of collision? Why alteration of course is more effective? (I told him as per Rule, he said just because the rule says so...? He wanted to hear something else).<br>7) Asked me requirements of sound signal... basically range of sound signal. | F1 |
| BS RAO | 6-APRIL-22 | Passage planning (In detail)<br>After answering asked, all that is ok but pp is from where to where, wants to hear berth to berth.<br>Everything in bouyage system. What is Safe speed, what do u understand by it.<br>How to know TRS is approaching? What shall u do in case of a distress signal?<br>Few situations. Lights with their sound signal.<br>What Rules shall apply in RV? When shall u call master?<br>Chart correction on both ECDIS and paper chart. (Please don't ask on what sir, otherwise he will say both). What information shall you get from Routeing charts?<br>How do get time and hot & from where?   | F1 |

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| CARASCO     | 5-FEB-24   | <ol style="list-style-type: none"> <li>1. Day signal of NUC CBD RAM FV TRAWLERS</li> <li>2. night signals almost all</li> <li>3. Cards DREDGER, NUC, AGROUND, FV total 10-15 cards</li> <li>4. RV, head on, TSS situations</li> <li>5. Pneumonic charts, routeing charts</li> <li>6. Steering failure in TSS action</li> </ol>  | F1 |
| CARRASCO    | 8-FEB-22   | <p>Started with day signals - aground, CBD, dredger with obstruction, trawler hauling nets, NUC, mine clearance vessel.</p> <p>Situations - CBD crossing, Towing vessel head on and then crossing, own vessel engine breakdown in TSS, 2-3 more situations (He wants everything procedure wise and in detail)</p> <p>Night Signals.</p> <p>IALA - special mark, isolated danger, action if sighted isolated danger mark right ahead while entering buoyed channel, region A vessel outbound which buoy on starboard side.</p>   | F1 |
| CARRASCO    | 2-OCT-21   | <p>Warned about ROR said no mistakes will be accepted</p> <ul style="list-style-type: none"> <li>- Quote Rule 6, 10, 14, 19</li> <li>- Explain Rule 6, 8, 19</li> <li>- Isolated danger mark ahead in channel action?</li> <li>- special Wreck buoy</li> <li>- Safe water mark</li> <li>- Sit 1... North cardinal buoy you heading 000 action?</li> <li>- Sit 2... you see 2 white lights and side lights right ahead action? (2 possibilities of 2 white lights pd&gt;50mts and towing vsl with tow &lt;200 mts) then action...</li> <li>- Sit 3... same vsl u see on 2 pnts stbd bow action?</li> <li>- Fog signals of all vessels</li> <li>- day signal and lights of Nuc, Cbd, Ram, Mine clearance</li> <li>- you are coming out of channel in reg A which buoy you will see on port side?</li> <li>- Passage Plan on ecdis</li> <li>- Ecdis safety settings</li> <li>- Met equipments on Board each with errors and usage</li> <li>- Routeing Charts</li> <li>- Asd and Corrections to asd</li> <li>- How will you know TRS approaching and action in TRS?</li> <li>- Ecdis Per. Standards</li> <li>- Radar Per. Standards</li> <li>- Squat Bow Coughning effect</li> <li>- Iamsar Patterns</li> <li>- Night orders and standing orders</li> </ul> | F1 |
| CHABRA      | 21-JUNE-23 | <ul style="list-style-type: none"> <li>-ECDIS safety settings</li> <li>-RV radar not working, right astern vessel fog signal intensity increasing action?</li> <li>- TSS mob action</li> <li>- open sea vessel crossing port to stbd, not taking action, what action you'll take?</li> </ul>  | F1 |
| CHAKRABORTY | 14-SEPT-22 | <p>All flags, pendants, answering pendants, dimensions of interco flags.</p> <p>Phonetics and morse code.</p> <p>Quote 5,7,18,19, meaning of prevailing circumstances and conditions.</p> <p>Isophase, occulting and flashing meaning.</p> <p>Legal obligation of navigation lights for horizontal and vertical spacing (ans was not annex 1).</p> <p>Fairway buoy, name countries in region a and b, some easy buoy situations.</p> <p>Chart symbols. Grounding, stranding and foundering.</p> <p>Fog signals of pilot, aground vsl , pd vsl.</p> <p>Basic situations</p> <p>Rule 40 explain. When to take noon sight?</p> <p>How to use sextant? Explain difference bw 18 (a) and 18 (d), considering that cbd vsl is also a pd vsl?</p>  | F1 |

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| CHAKRABORTY | 24-AUG-22  | <p>Define Navigation. What is IALA A &amp; IALA B?</p> <p>You are in Region B and coming out from port you see a red buoy right ahead, action.</p> <p>Now when you are approaching to the jetty which side you will keep the red boy.</p> <p>What does flag D mean? As per SOLAS what all lights are necessary for a vessel to have, Under which part in SOLAS, Safety of Navigation.</p> <p>You are approaching to port, you see three flashing red lights in a vertical line, what does it indicate (he said if you don't know tell me you don't know - I said I don't know).</p> <p>What are the light signals showed by Towing vessels &gt;100m.</p> <p>What is the duty of Lookout person? What equipment is used to determine the UKC?</p> <p>UKC 0, what it means? How does DGPS work?</p> <p>While plotting position from GPS to chart, what considerations you'll make and how will you plot? What is Grounding and what is Stranding?</p> <p>Difference in both. How will you use buoys for navigation? (I said I'll only use Radar beacons and told about it). Why will you not use any other buoy? (Because due to change in tide the buoys may drift from it's position and so accuracy will not be there).</p> <p>Tell me any 4 types of RAM vessel.</p> <p>*Situation* : only 1 - (showed me on screen)</p> <p>- (Good Visibility) Your vessel is going up, vessel A is on port side abaft the beam more than 22.5°, another vessel B on stbd side abaft the beam but less than 22.5°, ROC exist, your action.</p> <p>What is the arc of visibility of masthead light, stern light?</p> <p>Range of masthead light ur vsl &gt;100m and side light range.</p> <p>Showed me on screen (East Crdinal mark) asked me to identify, then he said you see this right ahead take action.</p> <p>What type of magnetic compass you had on board? What is the liquid composition?</p> <p>What is the use of Ethyl alcohol in it? What is the use of Distilled water in it?</p> | E1 |
| CHAKRABORTY | 15-JULY-22 | <p>Types of Compass. Types of Mag Compass.</p> <p>What's inside Wet card Compass and why it is used?</p> <p>What is the use of Distilled water and ethyl alcohol?</p> <p>What is standard Compass?</p> <p>Boxing of a compass. Box a compass from N to E.</p> <p>How many points are there in a compass when boxing.</p> <p>What are the types of Mercator chart.</p> <p>What is AIS? Types of data in AIS.</p> <p>Safety settings of ECDIS. What is Prognostic chart?</p> <p>What is Synoptic chart? Identify the Flag (it was G yellow and blue vertical stripes).</p> <p>What's the meaning of the above flag. What's the meaning of flag Papa.</p> <p>Three situations.</p> <p>First identify what type of vsl are target vsl (crossing and overtaking).</p> <p>i) In Restricted visibility - Own vsl in between, port quarter vls overtaking and stbd beam vsl crossing, action.</p> <p>ii) In clear visibility - Same as above.</p> <p>iii) Port side Jetty, vsl into a channel with heading 310°, current of 5kts from aft, you have to berth the vsl (it should be stbd side alongside by taking current on the bow).</p> <p>Fog signal of pilot vsl on duty and making way.</p> <p>Fog signal of anchored vsl more than 100 m in length.</p> <p>Fog signal of vsl not making way through water.</p> <p>Duration of prolonged and short blast.</p> <p>Duration between two consecutive blasts.</p> <p>Difference between long and prolonged blast (no difference).</p>  | E1 |
| CHAND       | 4-DEC-19   | <p>Safe speed, Sound signal in rv for my vessel underway, makingway, anchor, Aground.</p> <p>Rule 14,15,16,17 imp points own word.</p> <p>Situations one vsl ford of stbd beam 3 point you are able to see 2 white and side light take action.</p> <p>Another sit 2 crossing vessel port bow stbd bow and head on action..i answered alteration of course to stbd..he wanted to listen wide alteration of course to stbd.</p> <p>Visibility range of side light.</p>  | E1 |

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| CHANDRA       | 7-JULY-22  | 1. Rule 6<br>2. How will you join TSS and how will you leave TSS<br>3. IAMSAR all search patterns<br>4. Passage plan on ECDIS<br>5. MOB (williamson turn)<br>6. Safe water mark<br>7. All Distress signals   | F1 |
| CHANDRA       | 7-JAN-22   | Quote rule for 2, 6<br>Passage plan in detail.... Including publications<br>Vsl on port bow bearing not changing ACTION<br>Isolate danger mark, fairway buoy, ODAS buoy<br>Correction to Aneroid barometer<br>Buy's Ballot law<br>5 Distress Signal as per Annex 4<br>MOB on stbd side at 2100 hrs   | F1 |
| CHANDRA       | 13-SEPT-21 | Quote rule for 2, 6<br>Passage plan in detail.... Including publications<br>Vsl on port bow bearing not changing ACTION<br>Isolate danger mark, fairway buoy, ODAS buoy<br>Correction to Aneroid barometer<br>Buy's Ballot law<br>5 Distress Signal as per Annex 4<br>MOB on stbd side at 2100 hrs   | F1 |
| CHATERJEE     | 4-AUG-22   | Both are good guyz<br>Started with introduction and types of ship sailed<br>Starting 2-3 question i forgot<br>1)Then simply ask about rule 13<br>2)Explain how you determine other ship is overtaking<br>3)5-6 ror card only i recognized the cards didn't said anything about characteristics 🤔🤔<br>4)wheel house poster full details<br>5)situation<br>Ur vessel in centre one RAM vessel on stbd side crossing,one vesse on port NUC crossing, sbd quarter sailing vessel. Port quarter container ship overtaking with 24 knots speed and also one shallow patch on stbd side T/A.<br>6)BPG<br>7)baramotric tendency<br>8)CATZOC<br>9)how u correct the chart which is not corrected past 3 years<br>10)in morning time which sight is good long by chron or intercept<br>11)maneouvering characteristics   | F1 |
| CHATTOPADHYAY | 23-SEPT-22 | What is Flood tide and how do you check it from ATT? Timings of flood tide when u take it<br>How will you check spring tide from ATT? Duration of spring tide..Bore tide..<br>What is tidal stream? 3 Types of tides..<br>Fog signal for CBD vsl.. Duration of prolonged and short blast..<br>Fog signal for vsl at anchor more than 100 mtr (also mention additional whistle signal)<br>What is PAN? Quebec flag on screen shown - which flag, what is meaning of healthy, what is meaning of pratigue..<br>Shown chart symbol - it was quarantine anchorage (I told him its a special anchorage area or a contingency anchorage)..<br>He asked there's a dead person onboard where will you anchor? Then he told me that we will anchor in quarantine anch.<br>Shown chart symbol - surveyed coast line.<br>Shown chart symbol - wreck dangerous to surface nav.<br>IALA cards - cardinal buoys, preferred channel to stbd.<br>Which countries included in region B.<br>What are flashing, occulting and isophase lights<br>What is QFL and VQFL<br>Cv, own vsl heading 000 11 kts, vsl on port quarter more than 22.5 abaft 22 kts , roc exists..<br>Another vsl stbd quarter not more than 22.5 abaft 14 kts roc exists... Action<br>(He got disconnected due to his net issues told me u wait I'm coming) | F1 |

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|         |            | <p>Range of masthead light vsl more than 50m</p> <p>What is mean by visibility? What is barograph? Aneroid barometer errors.</p> <p>Berth at port side vsl coming up to berth at jetty, current 5 kts from astern, how will you berth? Which all rules applies in RV (wants to listen rule 13 applies) (long discussion on this topic). Difference between master gyro and repeaters.</p> <p>What is True north, magnetic North? Why gyro fails at poles why not near other equatorial regions? What are its errors (wants to hear the directly and inversely proportional thing for its errors)? What is quadrantal magnetic spheres, its use, another name... Compass rose, how many circles in it..</p> <p>Why there is no cyclone at equator regions? What is NORWESTER?</p> <p>What is ELEPHANTAS (asks me have u heard it b4, told him might have heard it in MET somewhere but not sure he said okay)? What is BNWAS, its functions?</p> <p>MERSAR and its purpose, difference between IAMSAR..</p> <p>What is main difference between NUC and RAM vsl (just tell him what u understand he don't need no definitions)? Vsl drifting is it a NUC vsl? , justify ur answer</p> <p>NUC vsl overtaking RAM, whose responsibility. What action NUC can do to keep clear?</p> <p>Can a sailing vsl be cbd vsl? Why not? Difference between grounding, Stranding</p> <p>What is foundering, floundering?</p> |    |
| CHUTANI | 19-AUG-23  | <p>How will find compass error?</p> <p>Compass error when overcast sky, in river passage and at berth.</p> <p>Sector lights. Leading and transit bearing.</p> <p>How will you determine range? Nominal and geographical range.</p> <p>What is the table called to find the Range ?</p> <p>Pzx traingle - what is p, z, x, px, zx and other basic.</p> <p>Azimuth. Amplitude. Structure of ROR. Aground vessel shape and fog signal.</p> <p>1 situation - own vessel CBD and PVD crossing in tss?</p>   | E1 |
| CROSKO  | 9-MARCH-20 | <ol style="list-style-type: none"> <li>1. Passage planning basic not in details</li> <li>2. How to correct chart not corrected for last 2 year</li> <li>3. Taking over navigation watch much in detail</li> <li>4. How to correct T&amp;P</li> <li>5. Example of T &amp; P and permanent correction</li> <li>6. What is nav warning and how to plot.</li> <li>7. All publication on bridge</li> <li>8. Fire in galley</li> <li>9. IAMSAR and MERSAR</li> <li>10. Quote rule 13 and 5 and 35</li> <li>11. Shallow water effect</li> <li>12. Metrological equipment on borad</li> <li>13. What is VOF</li> <li>14. Type of extinguisher</li> <li>15. 7-8 cards of trawler and ram</li> <li>16. Simple ror situation of crossing and overtaking And simple measn simple</li> <li>17. what is latteral resistance</li> <li>18. When to call master</li> <li>19. Action when ship experiencing shallow water effect</li> <li>20. Info u get from char</li> <li>21. Info u get from list of light and ocean passage of the world and ASD</li> <li>22. what is the meaning of making full appraisal in rule 5</li> <li>23. vsl approaching RV action</li> <li>24. what is squat and how to reduce squat</li> </ol> <p>Factor affecting squat</p>  | E1 |
| DAGMAN  | 3-JAN-24   | <ol style="list-style-type: none"> <li>1. Safe speed in own words</li> <li>2. How much is a safe speed</li> <li>3. You're on open sea clear visibility making 18kts, now how much is safe speed</li> <li>4. If there is a dense fog then how much is your safe speed</li> </ol> <p>(I said I'll Inform master and maintain speed as per his instruction.. he asked acc. to which rule I said rule 6, he wanted to listen rule 19)</p> <ol style="list-style-type: none"> <li>5. Showed 3-4 cards but in one of the vessel aground card I didn't mention vessel less than 50m</li> </ol> <p>So he said you have to do group discussion and be thorough with ROR</p>   | E1 |



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| DANIEL | 4-NOV-19    | Few night cards nuc towing ground<br>IALA .. safe water mark card<br>Above cards on port bow.. crossing, action?<br>Telegraph orders   | F1 |
| DAS    | 12-MARCH-20 | Lights of FV and NUC<br>Difference between normal FV and trawler<br>Defn of NUC<br>Manoverboard action<br>Bridge fire action   | F1 |
| DAS    | 13-JAN-20   | 1. What is overtaking situation<br>2. Responsibility of overtaking situation<br>After that for around 30-40 mins he asked me only gmdss. Everything about gmdss<br>Sea areas, frequency, full forms of various abbreviations etc<br>Was happy with my gmdss knowledge  | F1 |
| DAS    | 12-DEC-19   | Lights for South Cardinal. FV lights. Pilot vsl lights.<br>Wht is difference between trawler ND normal FV (discussed abt it for 5-10 minutes).<br>What action you will take if you sea any FV (Wanted to hear broad alteration in course to keep clear from nets).   | F1 |
| DEJOY  | 6-APRIL-22  | 1. Characteristics of region B preferred channel to stbd (colour,top mark, light)<br>2. You are on pd, Ram overtaking from your stbd quarter.<br>what action as per which rule, who is stand on who is give way, what sound overtaking vessel will give.<br>3. Rule 34 maneuvering sound signals of overtaking vessel, does this sound signals applies in RV, if not then which rule applies for sound signals.<br>4. NUC sound signal in RV, which vessel will sound one prolonged followed by 3 short blast in Rv.<br>5. Your pd and s/v crossing from port to stbd who is supposed to take action and which rule will apply. why does crossing rule will not apply.<br>6. NUC and CBD day signal and lights.<br>7. Information in wheel house poster.<br>8. Turning circle and factors affecting turning circle.<br>9. Transverse thrust and what does master tells to pilot during master pilot exchange.<br>10. Squat and factors affecting squat and formula<br>11. UKC and what all thing will you take into consideration.<br>12. ECDIS safety settings and CATZOC<br>13. IAMSAR which vol is carried on board and type of search patterns.<br>14. why HDOP is important (basically the value)<br>15. PSSA | F1 |
| DEJOY  | 6-APRIL-22  | Annex1 discharge criteria inside spaces<br>Form B certificate - (IOPPC)<br>Why there is SOPEP and SMPEP why not only 1?<br>Requirements of SOPEP and SMPEP<br>Lifeboat lowering frequency of free fall LB<br>How simulated launch is done<br>Which document is kept as a copy on board - (DOC)<br>Can a company have multiple DOC - (yes)<br>Sheer strake. Garboard strake.<br>How will you seek radio medical advice?<br>What does EPIRB send - (Hexa decimal code)?  | F1 |

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| DEJOY     | 11-MAR-22 | <p>Prior starting Ext mentioned, you must be aware that you are expected to understand the rules, their content, explanation and application so I am expecting that you have by hearted all the rules.</p> <p>I told him not all rules I know by heart but yes I can give you explanation and all the points of those rules (especially rule 1 and 10).</p> <p>He said okay as we progress into the questions I'll test you upon that.</p> <p>Started with Radar, why we use STW and not SOG.</p> <p>Limitations and cross question about anti clutter. What is Aspect?</p> <p>ECDIS components. ECDIS safety settings and how to set them.</p> <p>How to correct ENC. ENC types.</p> <p>Importance of marking abort point. Diff between abort point and point of no return.</p> <p>Situation - You are PD vsI and RAM is overtaking, which rule applies and who has to take action.</p> <p>You are a PD vsI and another PD vsI wants to overtake you in open sea, what sound signal you will hear.</p> <p>Quote rule 13. Rule 9 para e and sound signals for the same. CBD vsI situations.</p> <p>Rule 18. Which all vessels will give one prolong and 2 short blasts?</p> <p>Arcs of visibility for all lights. Asked whether I know bridge visibility criteria, I said yes so asked questions related to that, straightforward questions.</p> <p>IALA buoyage system rapid fire. What is barometric tendency?</p> <p>Routing charts info, what info does wind rose give and how many on the chart</p> <p>You're going from UK to Canada what extreme weather phenomenon you're most likely to encounter - I said TLD then cross questions. TRS avoiding action.</p> <p>Green over white light seen - which vessel? Same green over white and two red lights in a vertical what is that vessel doing and what day signal. Wheel house poster.</p> <p>Turning circle, is both side TC same, if yes then why or if not then why?</p> <p>Your vsI is 200 meters long, within what distance she should be stopped (stopping dist IMO req). Adv, Tact Dia IMO req. IAMSAR which vol is carried onboard..</p> | F1 |
| DENNIC    | 17-AUG-23 | <p>Name, which company, written exam, f2&amp;f3 function, function f1 first attempt. Then say i ask few questions just ans to the point..ok</p> <p>1- do you watch alone on bridge..</p> <p>Just start which thing first checks</p> <p>2- criteria for masthead light - all things as per annex 1 according</p> <p>3- maneuvering light in channel range?</p> <p>4- rule 12 quote</p> <p>5- rule 16</p> <p>6- rule 19 based situation like which condition you alter to port, 1,2 more questions related to 19</p> <p>7-how to make a paassge plan from A to B</p> <p>8-shape dia length annex1 ror</p> <p>9-some 2-3 more i can't recall</p>   | F1 |
| DEREK     | 20-DEC-22 | <p>PDV in clear visibility, action</p> <p>Assume all three situation regarding same and take action.</p> <p>That same vessel at 3NM, not taking action. Action-</p> <p>Told alter to stbd and pass stern of her. Then he told that when u are passing stern of her, she altered her course to stbd and close quarter situation exists, action. I called master, he told master not picking up call. Now what to do? He wanted to hear - take action in ample time to avoid this situation. ;</p> <p>How u will assess ROC?</p> <p>Bearing change meaning?</p> <p>Vertical separation of lights- made blunder here, I told all vessels- 2m.,</p>   | F1 |
| DESHPANDE | 7-JUNE-23 | <p>1) Day, night and cardinal marks card (Pilot vessel, Dredge, Fishing vessel, mine clearance vessel and many more)</p> <p>2) Quote Rule - 7, 8&amp; 19.</p> <p>3) What is AIO and what is T&amp; P (then he ask is any fire dill carring out in port what type of notice and if jetty construction going on what type of notice)</p> <p>4) What is ADP and also ask ALRS</p> <p>5) What is TRS and induction of it and avoiding action in both hemisphere</p> <p>6) How will you take navigation watch?</p> <p>7) RACON and REMARK and limitations of Radar</p>   | F1 |



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|           |             | <p>8) IAMSAR full with content and search pattern</p> <p>9) Advance transfer and IMO criteria also draw</p> <p>10) Stranding Where you will take Collision if you have to take on ship.</p> <p>11) Stages of passage planing in detail, what all publication required.</p>   |    |
| DESHPANDE | 12-MARCH-20 | <p>Very practical person he wants what we will actually do onboard and nothing from book</p> <p>Passage plan - ecdis , paper chart.</p> <p>I started with appraisal and all he said he don't want hear that actual plotting course and publication how to use and all, ordering permit,update of charts etc.</p> <p>More cross questions on ecdis procedures. Correction of charts both ecdis &amp; Paper C.</p> <p>Rule 8, 10, 18. Chart symbols.</p> <p>Ship Reporting System. IALA buoyage. Squat.</p> <p>Block coefficient of last vessel. Amplitude procedure to calculate and diagram.</p> <p>PZX triangle.</p> <p>Situation in TSS: own vsl cbd trawler crossing from stbd side. He wants to hear altering to stbd and not reducing speed. Stopping distance of last vessel. Turning circles.</p> <p>Man overboard action. All Nautical publications how to use and how to update.</p> <p>Gross and net tonnage of last ship and difference. Masters standing order.</p> <p>Company Procedure. When will you call master.</p> | F1 |
| DESHPANDE | 16-OCT-19   | <p>Passage plan ecdis</p> <p>CATZOC</p> <p>Smelling ground</p> <p>Cards fishing ,trawler, nuc , aground</p> <p>Tactical Diameter,transfer draw advance</p> <p>Squat and how to reduce</p> <p>Radio medical advice procedure.</p> <p>Errors of echo sounder.</p>  | F1 |
| DESHPANDE | 15-OCT-19   | <ul style="list-style-type: none"> <li>- Say last two ports company, Oh dual ECDIS ok so Passage planning on ECDIS between these two ports</li> <li>- ECDIS correction</li> <li>- One two situations</li> <li>- ROR cards for NUC, aground Sound signal for them, day signal</li> <li>- GMDSS area distress alert</li> <li>- Rule 19 spd reduced at which she can be kept on her course (steering speed).</li> <li>- Fronts: cold, warm and occluded</li> <li>- Effect of fronts on navigation</li> <li>- Nav warnings</li> <li>- Navtex explain</li> <li>- Ocean current why and tell few examples</li> <li>- effects of front on navigation</li> <li>- how front forms</li> <li>- Routeing charts, information, draw and explain wind rose.</li> <li>- ADC catalogue.</li> <li>- Contents of admiralty chart catalogue</li> <li>- Select required charts on ECDIS</li> <li>- updated or not how to find</li> <li>- ECDIS chart correction how</li> <li>- How u come to know ENC is updated or not if not how to do it?</li> </ul>  | F1 |
| DESHPANDE | 9-OCT-19    | <p>Asked last to ports.</p> <p>Passage planning using ECDIS BETWEEN THOSE 2 PORTS ( TELL HIM A-Z DONT MISS I MISSED LOT OF POINTS).</p> <p>IN ECDIS WE GET ALARMS OR WARNING</p> <p>SQUAT DEFINITION</p> <p>MANOUVERING CHARACTERISTIC</p> <p>NAV WARNING</p> <p>WHAT IS NBDP?</p> <p>TAKE OVER WATCH ( WANTS TO HEAR SITUATIONAL AWARENESS)</p> <p>SAFETY DEPTH DEFN</p> <p>SAFETY CONTOUR DEFN</p> <p>SHALLOW CONTOUR DEFN ( DONT EVEN SAY FORMULA HE WILL CHANGE QUESN)</p> <p>SCAMIN DEFN</p>  | F1 |

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|           |            | 2 SITUATIONS<br>HE SAID HE WONT CONSIDER ME.<br>I GAVE HIM ANSWERS BUT IT WAS NOT UPTO MARK AS PER ME.   |    |
| DEVASHISH | 8-APRIL-22 | Asked ROR card<br>-isolated buoy specification<br>-safe water specification<br>-south cardinal mark specification. Situation hdg 170 degree and see south mark right ahead action.<br>-Situation pilot vessel on 2 point on port bow action.   | F1 |
| DEVESH    | 4-OCT-23   | What is azimuth and amplitude<br>Routing Charts - how many and what info you get from them<br>Showed one lala buoy (preferred channel)<br>Showed 6 ror cards ( I did mistakes in these, so he said come well prepared next time)   | F1 |
| DEVESH    | 4-AUG-23   | Introduction. Company name. Handed over to External. Some 3 or 4 cards of NUC and Fishing vsl.<br>1.How will you takeover Navigation watch<br>2.What is Squat,formula<br>3.Errors in GPS<br>4.difference between VDR and SVDR<br>5.list all the publications used for passage planning<br>6.Explain in details expanding square search<br>7.when you will call master on bridge<br>8.What is Buys Ballots Law<br>9.What entries in Log book for Meteorological condition will you enter<br>10.What is Rational Horizon<br>11.Quote rule no.5 ,14   | F1 |
| DEVESH    | 12-DEC-21  | Mean latitude, Middle latitude, Amplitude.<br>Base display contents, How to show inspector charts are updated in ECDIS.<br>SEQ CERTIFICATE. Digital publication corrections.<br>Fishing vessel, towing vessel lights.<br>Aground vessel lights and characteristics.<br>Flag W, B. Port bow 6 miles PD Vessel crossing action.<br>Safe watermark. Isolated danger mark. Racon. Search patterns.   | F1 |
| DEVESH    | 8-DEC-21   | Last time failing question<br>Situation 1: one vessel four points on stbd bow both mast hd lights and both side lights visible take action<br>Situation 2: Fishing vessel at stbd quarter overtaking take action<br>Fishing vessel at anchor lights<br>Situation 3: nuc 2 point on Port bow crossing roc exist take action, why alter to port give reason<br>What is difference between Radar's Head up and Course up display<br>What will happen to radar if gyro fails<br>You are heading 270 and saw south cardinal Mark take action<br>GPS errors, what is Gdop<br>What is Squat, on which factors does it depend<br>Iamsar search patterns (names only), what is datum<br>Azimuth, Declination (definition) | F1 |
| DEVESH    | 2-AUG-21   | Rule 5, What do you mean available? (So I equipment name).<br>So started asking the question all equipment which I said. Fishing vessel anchor light.<br>Head up mode, North mode, Course up mode.<br>Difference between Metrology warning & Navigation warning.<br>Principle of AIS, types of AIS, Frequency of AIS, channel.<br>ROR situation: 2 port bow you seeing, 1 Red Light in a vertical line and Green Light seeing action & you are PDV vessel. Same situation now vessel PDV vessel,<br>Routine Chart, How they applying in passage planning?<br>South Cardinal Light & Rhythm, Digital Publication Name   | F1 |

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| DEVESH | 2-MAR-21  | Star with getup why u not properly shave.<br>What is AZ? Noon sight. Merpass time how to find out without almanac.<br>1157 merpass time given what u will do?<br>Routine chart ?how often it publish.<br>Isobar. From where U will get isobar?<br>Wet dry temp same ..what will happen so with this what action u r going to take Deviation card.   | F1 |
| DEVESH | 2-MAR-21  | Noon Sight ... How will you get mer pass. ?<br>What is Routing chart? Some cross question colour of chart etc. Have you seen onboard?<br>If you order a almanac and it is not received you and company also dispatch it what will you do? Topno sir cross question<br>Flag W P<br>What is free fatigue?<br>What is the relation between loadline and water density?<br>What is the use of load line zone?<br>How will you know that your barometer is working properly?<br>What is the use of golden needle?<br>1 situation of NUC, rule 15 | F1 |
| DEVESH | 2-FEB-21  | Ecliptic. Favourable conditions for lunar eclipse to happen Keplers law of motion.<br>3 situations. Mine clearance vessel lights, why not RAM light in it?<br>How to update charts in ECDIS? ECDIS correction log.<br>How to check charts updated or not in ECDIS?<br>IMSAR search patterns. How to determine shallow water according to company requirement?<br>Shallow water effects on ship.   | F1 |
| DEVESH | 3-DEC-20  | 2 situations. GPS error. GDOP.<br>IAMSAR search patterns (creeping line search/expanding square search)<br>Narrow channel u want to overtake what signals?<br>In agreement of overtaking what signals?<br>Flag C meaning. Malacca strait lost engine action.  | F1 |
| DEVESH | 6-NOV-20  | Azimuth define. Amplitude define.<br>Pzx triangle. Use of corrector mag in magnetic compass.<br>-What bucket of mag compass contains?<br>What transverse thrust all the things in detail. Deviation card define in detail.<br>Damping in tilt define?<br>Sperry mk 20 gyro compass principle?<br>Crossing RV situation and cards  | F1 |
| DEVESH | 6-NOV-20  | Criteria to be a RAM vessel? mine clearance vessel lights & shapes?<br>Is mine clearance vessel a RAM vessel, if yes, then why not exhibit RWR color lights?<br>Fishing vessel 75m at anchor which lights to exhibit?<br>What is critical rpm? What is Navtex, it's frequency & range?<br>From where we receive nav warnings? What is Racon?  | F1 |
| DEVESH | 9-SEPT-20 | What is Azimuth? Why do u take compass error? When to take amplitude?<br>Diff patterns of IAMSAR.. Lateral port hand buoy... Safe water mark..<br>Fishing vsl at anchor lts... Towing vsl card ... South cardinal mark lts..<br>How will u take radar fix? How to decide datum point in search pattern?<br>Steering gear test... Emergency steering gear test duration...   | F1 |
| DEVESH | 5-SEPT-19 | Asked why failed i said difficulty in quoting rules<br>And askd Rule 19 but this time i hv prepared<br>Cards : Fishing vsl seen frm aft Gear >150 more,<br>Trowlr anchr , shooting net , CBD ,NUC n many more.<br>some fog signal<br>fishing vsl anchor lgths Dist bwn lgths.   | F1 |

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| DHARAM    | 6-MAY-22    | <ul style="list-style-type: none"> <li>- ROR cards ( sv , towing more than 50 m )</li> <li>- wheelhouse poster</li> <li>- Mercator chart, what you get and which scale of chart to be used</li> <li>- ALRS &amp; ASD (info)</li> <li>- how to determine ROC</li> <li>- Quote rules 2, 6, 7, 9, 10 ,13 ,15, 17 &amp; 19 d.</li> <li>- most important rule in RV.</li> <li>- rules applicable in RV.</li> <li>- ECDIS safety settings</li> <li>- situations (crossing &amp; overtaking)</li> <li>- one crew falls outside Bombay High, action</li> <li>- take over navigational watch</li> </ul>   | F1 |
| DILIP     | 6-SEPT-22   | <p>(1 hour 10 mins )</p> <p>Which attempt, what happened in last attempt?</p> <p>how is your ROR ?</p> <p>1) tell me 6 types of vessels that falls under the category of RAM<br/>( he needs exacts words written in ror, *by*, *for*, *is* ye waale words bhi usko exact matlab exact chahiye. )</p> <p>2) He said do one thing, Quote from rule no. 1 upto rule no. 10.<br/>( he opens ror pdf and listens to your answer very carefully. Don't make single mistake in any rule, he waited until I completed all 10 rules word by word for 20-25 mins straight )</p> <p>3) how will you keep proper lookout on ship ?</p> <p>4) what are the 2 vessels exempted from TSS,</p> <p>5) what do u understand by "radar scanty information"</p> <p>Situations:</p> <p>1) You are in narrow channel, one vessel wants to overtake you, but you don't wish to give him permission, then what signals you will sound?</p> <p>2) You are in TSS lane, you have one towing vsl on your stbd bow, crossing from stbd to port, range 5 miles, ROC exists. Action? (I said i will alter stbd, enter ITZ to avoid immediate danger but he said thats wrong, you will reduce ur speed).</p> <p>3) You are PD, you have CBD 2 pts on your port bow, range 3 miles, crossing from port to stbd, ROC, action? (I said, alter stbd, take round turn and pass astern of that vsl, He said wrong answer, you will alter to port and pass).</p> <p>4) RAM vsl, 1 pt port bow, crossing from port to stbd, range 2 miles, ROC, action ?</p> <p>5) In narrow channel, Vessel A is overtaking vsl B, vessel "A" sounded signals, vessel "B" gave permission and altered little to port, to allow vessel A to pass, after some time, vessel A observed that alteration given by vessel B was not sufficient enough and ROC exists, who will take action? And what action?</p> <p>6) You are in TSS, see a vessel head on, action?</p> | F1 |
| DK SHARMA | 4-DEC-21    | <p>Rule 19 9 10 13 15 14 17. Nuc definition lights shape. M/e failure.</p> <p>Steering failure. Mon turns. Wheel house poster.</p> <p>Safe water mark. Region A and region B Lateral marks.</p> <p>Routing Charts. Asd contents.</p> <p>Ecids Safety Settings and Look Ahead Function ( Most Important setting of ecdis)</p> <p>Cv situation vessel on stbd bow 6 miles normal crossing Situation</p> <p>Same situation in Rv also Echo sounder Controls and minimum Depth it can measure correctly</p> <p>Steering gear Requirements (both main and auxiliary).</p>   | F1 |
| FRANCIS   | 17-APRIL-23 | <p>1. You are pd vsl, sv crossing from stbd to port, who is SO, who is GW, which all rules apply? Why does rule 15 not apply?</p> <p>2. RAM overtaking PD vsl, whose responsibility to keep clear and which rules apply? Why rule 18 doesn't apply?</p> <p>3. In TSS, pdv crossing stbd to port, whose obligation to keep clear?</p> <p>4. Quote rule 10</p> <p>5. Which IAMSAR volume to be carried on board?</p> <p>6. What are the various search patterns?</p> <p>7. At night, you see a green over white light, what vsl is this? If there are two red lights on one side, what does it indicate? How do you identify the same during day?</p> <p>8. In RV, you hear one prolonged and 2 short blasts, which all vessels can this be?</p>   | F1 |

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|           |           | <p>9. In RV you hear 2 prolonged and one short blast, what does it indicate and what should be action?</p> <p>10. You hear one prolonged followed by 3 short blasts, what does it indicate?</p> <p>11. What are ecdis safety settings? Does it change during the voyage?</p> <p>12. What are info you get from routeing guide?</p> <p>13. What is Azimuth?</p> <p>14. What is barometric tendency?</p> <p>15. What are the day signals exhibited by CBD vsl?</p> <p>16. Contents of WH poster</p> <p>17. Is turning radius same for port and stbd?</p> |    |
| GAURAV    | 20-OCT-23 | <p>Started with sign verification and ask about written and oral result.</p> <p>Cards lala system, Cardinal buoys cards, What is safe speed? Advance, transfer.</p> <p>Headreach, track reach, Crash stop, inertia stop,</p> <p>How charts are corrected if not corrected for 2-3 yrs,</p> <p>What is Annual notices to mariners, What is cumulative notices?</p> <p>Prefered channel buoy which side of vsl.</p>  | F1 |
| GHOSH     | 7-DEC-22  | <p>Ram definition and examples</p> <p>Vessel maneuvering characteristics</p> <p>Imo criteria for stopping diatance and tactical diameter</p> <p>Ram,fv,towing lights,</p> <p>Characteristics of radar,control test,</p> <p>3 situations easy 1</p> <p>Rule 17</p> <p>Rv actions,</p> <p>Sound signal range,</p>  | F1 |
| GHOSH     | 16-NOV-22 | <p>1) Rule 9, 19 ,15,10,6</p> <p>2) A to Z Flag</p> <p>3) In RV one vsl port bow</p> <p>4) one stbd now Range 6 mile Action,</p> <p>5) Isolated Danger, Safe Water and Special Mark all details</p> <p>6) IAMSAR</p> <p>7) BPG CONTENT</p> <p>8) WILLIAMSON TURN</p> <p>9) ASD</p> <p>10) WNTM</p> <p>11) SQUAT</p> <p>12) STANDARD PERFORMANCE OF ECDIS</p>   | F1 |
| GP SHENOY | 16-NOV-23 | <p>East cardinal mark , light</p> <p>Quick , very quick light meaning</p> <p>One dredger v/l card , day signal</p> <p>Mine clearance vessel , action</p> <p>Man overboard action as an duty officer</p> <p>Squat , how will you reduce it.</p>   | F1 |
| GP SHENOY | 10-NOV-23 | <p>1. Rule applicable in RV.</p> <p>2. Squat. How to reduce squat.</p> <p>3. How to overtake in narrow channel.</p> <p>4. Factors affecting safe speed.</p> <p>5. Buoy prefer channel to port in region B.</p> <p>6. Card- Dredger seen from astern. Day signal.</p> <p>7. Masthead light cut off and horizontal sector.</p>   | F1 |
| GP SHENOY | 7-DEC-22  | <p>1. Passage Planning all stages explain.</p> <p>2. Admiralty Sailing Direction.</p> <p>3. Wheel house poster in detail. Tactical diameter , transfer and Advance definitions.</p> <p>4. MOB immediate Action.</p> <p>5. How will you perform a Williamson Turn.</p> <p>6. Position plotting Interval (requirement as per BPG)</p> <p>7. Ecdis Safety settings</p> <p>8. Quote rule 5, 6 and explain</p>  | F1 |



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|           |            | <p>9. Difference between safe passage and passage.</p> <p>10. IAMSAR volumes and contents of Volume 3.</p> <p>11. Dimensions of day signals.</p> <p>12. Trawler , fishing and sailing vessel, around 3 cards for each.</p> <p>13. IALA Buoyage cards.</p> <p>14. What do you mean by Quick Flashing and V.Quick flashing.</p> <p>15. Sailing vessel on Starboard bow crossing. Take action.</p> <p>16. South cardinal Mark right ahead, vessel doing 270 course, take action.</p> <p>17. Trawler day singnals, all including hauling nets and shooting nets and nets made fast to an obstruction.</p> <p>18. Correction of Charts and how will you identify if it updated or not.</p> <p>19. Ecdis Performance standards.</p>   |    |
| GP SHENOY | 12-MAY-22  | <p>Quote rule 2 and explain. Quote rule 18. Explain rule 10.</p> <p>CBD, NUC. Some situations. South cardinal buoy.</p> <p>Preferred channel to STBD buoy region A. EWMK.</p> <p>How to update enc? How to order charts?</p> <p>AIO. T and P corrections. How to update ASD?</p> <p>Passage planning from Singapore to South Africa.</p> <p>GPS working and error. Squat. Ecdis safety settings.</p> <p>Catzoc. Scamin. Action in case of grounding.</p>  | F1 |
| GP SHENOY | 8-APRIL-22 | <p>-Passage planning Japan to Long beach use of composite sailing and how to plan limiting lat 60 degree</p> <p>-Passage planning from Chennai to Chennai anchor where to mark abort point and point of no return</p> <p>-RV vessel in port departure time master ask to find gyro error how will u find error</p> <p>-Gnomic and composite charts</p> <p>-Visibility reduces to zero action thick fog</p> <p>-How to determine on radar that it is vessel or false echo in RV.</p> <p>-Situation own vessel container doing 20 kt and overtaking bulk 12kt and same time alteration to port as per pp, action? (real situation happened in shanghai result of action was collision between two need to know what action I will take).</p> <p>- Limitations of ECDIS, ARPA and Radar</p> <p>- UKC policy</p> <p>-how will u monitor ship position while leaving port.</p> <p>- vessel going full stern (Right-handed) strong wind from STBD side how ship will behave.</p> <p>-how many types of charts.</p> <p>-types of navigational chart.</p> | F1 |
| GP SHENOY | 15-JAN-22  | <p>1. Wind rose</p> <p>2. How is PPI is selected in ecdis for a particular passage</p> <p>3. What is AIO</p> <p>4. ECDIS UPDATES</p> <p>5. TSS FV crossing.</p>   | F1 |
| GP SHENOY | 6-JULY-21  | <p>Asked which all ships have u sailed on.. Elements of passage planning..</p> <p>What all things will u look for in appraisal stage of passage planning?</p> <p>How will u know that chart is up to date (both in paper as well as ECDIS)?</p> <p>How to correct ASD? Contents of Routeing charts..</p> <p>Contents of Annual NTM.. Contents of Cumulative NTM..</p> <p>Steering failure action.. How will u know TRS is approaching?</p> <p>U sight a south cardinal buoy right ahead...course is 180° action?</p>  | F1 |
| GP SHENOY | 6-JULY-21  | <p>ECDIS safety setting and passage planning in ecdis. ECDIS failure action.</p> <p>Head on nuc vsl take action.</p> <p>Entering in channel seen isolated dangerous mark action.</p> <p>Metrological equipment on board. Barometer detail.</p> <p>Barometric tendency. How u ll know trs is approaching.</p> <p>Which convention used onboard. Fal convention in detail.</p>  | F1 |

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| GUPTA    | 7-NOV-23  | <p>Marpol annex 1 , why it is used , for which vessel it's applicable.</p> <p>Marpol annex 6 , sox requirements.</p> <p>What is ECA and SECA? What action u will take to control sulphur emission on board ship?</p> <p>What all garbage u can discharge into sea?</p> <p>Garbage management plan. Gs will ask u whether he can throw food waste to sea , what all will u check. What is special area?</p> <p>Difference between sopep and smpep.</p> <p>What type of extinguisher is used for class B fire? What is flash point?</p> <p>Fire main line , what all arrangements will be there in fire main line.</p> <p>Length of fire hose on deck. What all precautions u will take when joining two fire hoses?</p> <p>What is intact buoyancy? Reserve buoyancy.</p> <p>What will happen to GM if a heavy helicopter lands on deck of ur ship.</p> <p>How will u come to know wheather the vessel is listed or heeled, what all factors u will check? What is buoyancy. If the vessel doesn't have ballast treatment plant then how will it do the exchange. What is gunwale?</p> <p>Raking stress, what all arrangements u have to over come this? Balanced rudder and unbalanced rudder.</p> <p>What is loadline , why different loadline are used? How many life jackets shd be there on board and ship? What all checks u will do in life boat? How many litres of water is available in life raft and life boat and some basic questions on lsa items?</p> | E1 |
| GUPTA    | 7-JULY-22 | <p>Started with rules, Rule 9,13,6,10 situations,</p> <p>overtaking from exactly 22.5° abaft the beam</p> <p>overtaking in narrow channel, FV crossing in narrow channel,</p> <p>FV in TSS, normal crossing situations, CBD definition.</p> <p>how will you take noon sight.</p> <p>full details of staggered observation including the transfer of PL and lot of cross questions. (including the definition of PL, azimuth and all).</p> <p>passage planning on ECDIS. ECDIS safety settings. ECDIS look ahead function.</p> <p>limitations of look ahead function, can you completely rely on that function?</p> <p>abort point and how will you mark an abort point on ECDIS.</p> <p>what are the factors affecting turning Circle.</p> <p>stopping distance CATZOC.</p> <p>muster list and it's full contents.</p> <p>When will you call the master?</p>  | E1 |
| HARINDER | 6-FEB-24  | <p>1. 2 red lights in vertical line and one white light. Give possibility and action.</p> <p>How to determine between NUC and Aground?</p> <p>2. Fishing vsl gear more than 150 m give all the lights.</p> <p>3. Vsl towing length 60m tow 250m.</p> <p>All lights. How many masthead light you will see when head pn?</p> <p>4. Question 1 u see aground light , u made passage and it's in your passage what has went wrong in planning passage.</p> <p>5. U see vsl ahead and one vsl on 4 pts stbd bow and one vsl on 4 pts port bow action and state the rules.</p> <p>6. One vessel ahead and one vessel abeam not responding.</p> <p>Action and state as per which rule.</p> <p>7. Box the compass from N to W.</p> <p>8. U see 3 white flashes every 10s ur on co 000.</p> <p>Identify the Buoy and state the action.</p> <p>9. Under which all conditions your vessel will be NUC.</p> <p>Int. One card Pd vsl towing length more than 50 tow less than 200 seen from stbd</p>   | E1 |
| HARINDER | 15-DEC-22 | <p>1. Routeing charts detailed and can we use it for same charts every year</p> <p>2. How do u know TSS has been approved by IMO in routeing charts</p> <p>3. ALRS volumes fully he asked</p> <p>4. ASD publication</p> <p>5. TSS situation and narrow Channel rule to quote and stopped in-between.</p>  | E1 |



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| HARINDER | 9-AUG-21 | <ul style="list-style-type: none"> <li>• Which msg you cant delete in Navtex</li> <li>• Navtex Frequencies</li> <li>• Errors in Gyro Compass.</li> <li>• Latitude correction how will you input in gyro.</li> </ul>  | F1 |
| HARINDER | 3-AUG-21 | <p>Shapes/lights of all vessels. Situations:<br/> Head on situation half points on stbd bow... both masthead lights in line and side light, i said rule 14 applicable and stbd alterations.<br/> 4 points on stbd bow both masthead and side lights visible.<br/> One white light and 2 all round light in vertical line,<br/> I said vessel aground, he said any other possibility. I said nuc making way through water seen from Stern.<br/> IAMSAR and Search patterns. Explain how to execute track line search.<br/> Routeing chart and when it is published, i said 8-9 years, he said where do u get that figure, i said from the net. Vessel at 22.5 degree abaft the stbd beam. Which light will you see.</p> | F1 |
| HARINDER | 3-AUG-21 | <p>Same question regarding ROUTEING CHART and the duration, i said 8-9 years, he said are you sure. I replied yes.<br/> He said explain me in detail tidal stream atlas and tidal diamonds.<br/> He said what is the name of your CTO (company training officer) i said i don't remember his name but i remember that he is your friend. He started laughing.<br/> He said i wanted to praise him.</p>   | F1 |
| HARINDER | 8-MAR-21 | <p>Lots of ror cards ( approx 12 15)<br/> ASD, Routeing charts. Ice navigation (in which Solas chapter)<br/> PV breaker diag. Deck seal diag.<br/> COW checklist . Static accumulator definition.<br/> Purging, SMC, ISM,<br/> Chapters of Solas, Chapter 5 of Solas and contents of it.<br/> Safe manning document, Tanker fixed firefighting requirements,<br/> IG contents requirements,<br/> Calculate foam firefighting capacity for your last ship<br/> Calculate CO2 qty required for engine room.</p>  | F1 |
| HARINDER | 3-MAR-21 | <p>7 TO 8 ( TOWING VSL RAM ) CARDS I ANSWER 1ST WRONG BUT STILL HE CONTINUED<br/> 2 3 SITUATION. WHAT IS AIO?<br/> ADABATIC LAPSE RATE ( DIDNT ANSWER). ASD CONTENT.<br/> METROLOGICAL EQUIP ONBOARD. PASSAGE PLAN FROM MUMBAI TO COLOMBO.<br/> SOME CROSS QUESTIONS.<br/> WHY CHRONOMETER SHOULD BE THERE ON SHIP INSTEAD OF CLOCK?</p>   | F1 |
| HARINDER | 3-MAR-21 | <p>7-8 cards n then one final said if ull answer this I won't ask a single question but I was asked few more.<br/> Content of routeing charts. Plan a Psg from Mumbai to Colombo.<br/> Sailing direction content. Marpol annex 1 special area.<br/> Annex 5 what name nd can we incinerate plastic.<br/> Then discharge criteria of annex 1. Weekly tests n checks of lifeboat n raft.<br/> Content of SOPEP manual. Content of ship stability booklet.</p>  | F1 |
| HARINDER | 2-MAR-21 | <p>Draw pv breaker. Pre arrival cow check. And goes in deep minimum ig required.<br/> And practical question for cargo calculation.<br/> Table no 13 ,6 54. Than he shifted to routine chart and how often it publish.... I said yearly he said no 8 to 9 years. And 2020 chart u can use in 2021.<br/> Than deviation card how u will prepare, At open sea. At nearby shore.<br/> Than led light u can use in side light or not, I said no he said yes as per IMO resolution u can use. Than few cards and ROR. Passage planning. I started with APEM he said nahi mujhe ye nhi sunna tu 2nd mate h yaha tu bol kya karega Bookies wala mujhe nhi sunna kuch alag bol.</p>  | F1 |

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| HARINDER | 5-JAN-21 | <ul style="list-style-type: none"> <li>* Different type of contour setting on ECDIS</li> <li>* How do you set sector on ECDIS</li> <li>* Shallow water effects</li> <li>* 4-5 cards both day and night</li> <li>* Head on situation what will be your action. I said i will give 1 short blast and alter to Stbd the he said as soon as you altered to stbd you see a shallow patch on stbd now what. Cross questioned me a lot in this question but finally i answered what he wanted to hear i.e 360deg turn from port side (rule 2).</li> <li>* Gave me a situation in which my vessel was near an area of RV and wanted me to quote 19d.</li> <li>* Limitations of Radar</li> <li>* CATZOC, SCAMIN, wheel over point, turning circle</li> <li>* Formula for calculating squat</li> <li>* Sailing directions and how to update</li> <li>* Vessel reporting system</li> <li>* SOLAS chapter 5</li> <li>* Inspires, AUSREP, AMVER</li> <li>* IAMSAR volumes and contents of volume 3</li> <li>* Search patterns</li> <li>* What is datum point</li> <li>* Alarms on ECDIS</li> <li>* TRS origin, path, then gave me a situation like where will be navigable semicircle.</li> <li>* CBD, Ram, NUC, Not to impede definitions and sound and light signals of lots of vessels.</li> <li>* Taking over nav watch</li> <li>* ECDIS Presentation library 4.0</li> <li>* S-57, S-62</li> <li>* Passage planning and publications required</li> </ul> | E1 |
| HARINDER | 7-OCT-20 | <ol style="list-style-type: none"> <li>1. How to make deviation card</li> <li>2. Reserve and emergency source of power, which chapter in SOLAS describes the specifications for them</li> <li>3. Maximum gyro error</li> <li>4. Maximum compass error</li> <li>5. Is TSS mandatory ? Where is it written ?</li> <li>6. ASD, how is it corrected, amendment file details</li> <li>7. Routeing chart and update interval</li> </ol>   | E1 |
| IYER     | 7-JAN-22 | <p>Advantage of ECDIS over raster chart( he wants to listen situational awareness too).<br/> Met equipment on board and use some cross question on barograph and barogram.<br/> (Asked what u will get from barograph-barometric tendency). Sextant error in detail.<br/> Safe speed practical aspect. Advance practical significance (I explained by example).<br/> Squat. Rule 10 in detail. Crossing vessel situation.<br/> CPA, TCPA. Card (8-10) -CBD ,anchored vessel, Ram, cardinal marks.<br/> Passage planning elements only basic. Difference between sound signal and fog signal.<br/> Circumpolar body. No of nav area and in which nav area India.<br/> Routeing chart. Chart correction. Ecdis safety setting.<br/> Difference in safety depth and safety contour.<br/> Echo sounder principle, error and how to correct. Components...</p>   | E1 |
| IYER     | 7-OCT-21 | <p>About pre sea and ships done.<br/> Asked what have u prepared I said ROR cards, rules and situations.<br/> Started with cards fishing trawler, mine sweeping, aground basic ones.<br/> Quote rule 19 was interested in part e.<br/> RV situation radar not working fog signal intensity increasing wanted to hear place look out forward and no deck work. Simple situations of crossing and duty of give way vessel.<br/> Overtaking rule and explain. TSS situation of 1 PDV crossing from port your action.<br/> How to cross and leave TSS?<br/> Passage plan information from publications. Routing charts in detail.<br/> Collision of ship what does SMS says want to hear first stop engine.<br/> Company policy for CPA in open and congested water.<br/> Squat factors and how to reduce.<br/> Basics of ECDIS ENC SENC how to update?</p>   | E1 |

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| JAIRAM   | 12-DEC-19  | <p>Asked abt last attempt. What questions were wrong asked again.</p> <p>Transverse thrust, Vsl in Port nd fire in galley. Squat.</p> <p>Pilot vsl card ND trawler card. Limitations of ecdis.</p> <p>Rules 7&amp;13. ALRS contents. Preferred channel buoys</p>  | F1 |
| JB SINGH | 13-JUNE-22 | <p>Long by chron in morning why?</p> <p>Basic definitions of rational horizon, azimuth, amplitude etc. and more CN definitions.</p> <p>ROR quote rules 5,6,8,10,13,14,18,19.</p> <p>Light and shapes, he kept on telling vessels, i had to tell lights and shapes.</p> <p>Sound signals for vessels anchored, underway and so on.</p> <p>Annex 4 quote</p> <p>Annex 3 table of sound intensity</p> <p>Annex 2 demersal and pelagic gear lights</p> <p>Annex 1 intensities, colour spectrum, wattage and vertical separations.</p> <p>ECDIS, GPS, echo sounder, Radar, ROTI errors. Mostly asked all errors from every equipment.</p> <p>Density, temperature, salinity standard as per which echo sounder is fitted for optimum usage.</p> <p>Action when vessel in zig zag ahead of you in TSS.</p> <p>Action when you see a parachute flare. (How will you decide when to assist? Then he asked how will master decide when to assist?)</p> <p>Basic ship handling definitions of advance transfer tactical dia.</p> <p>Smelling of ground?</p> <p>Types of metro instruments on board.</p> | F1 |
| JB SINGH | 9-DEC-21   | <p>U see moon @2100 hrs today at what time u will see it tomorrow.</p> <p>Intercept taken in evng and long by chron in mrng.</p> <p>Ecdis limitation (he ONLY wants to listen VIRUS).</p> <p>METEROLOGICAL instruments. A vessel is at the right stern of you in RV take action.</p> <p>Buoyage of region A and REGION B. FULL form of IALA.</p> <p>Seen a pyrotechnic in sky. Action? U r in TSS seen vessel violating TSS. Take action?</p>   | F1 |
| JB SINGH | 13-OCT-21  | <p>How seasons are caused? In morning we take Long By Chron &amp; evening Intercept, Why?</p> <p>What is normal berth &amp; navigation berth? What is Collision, stranding &amp; foundering?</p> <p>How many rules in ROR? Quote 10, 7, 18, 13, 15, 17</p> <p>What are the annexes in ROR? How many distress signals in Ann IV?</p> <p>VDR what all is recorded? Echo Sounder errors.</p> <p>How many times does full moon occur? Spring &amp; neap tide.</p> <p>You see rocket parachute flare on Stbd side, what will you do?</p> <p>Towing vsl &amp; CBD vsl Lights. In TSS you are following TSS rule but another vessel ahead of you violating TSS and going zig zag, what will you do?</p> <p>In adverse visibility, vessel is right astern of you, range 10Nm. After sometime, same vessel is 2Nm right astern and you hear fog signal. Action?</p>  | F1 |
| JB SINGH | 12-MAR-21  | <p>Polaris star use, rule 14, met instruments ,</p> <p>Echo sounder error, why long by chron in morning and intercept in evening ,</p> <p>RV one vessel behind me roc exist , I said alter to port or stbd ,</p> <p>He said first you should say that other vessel will keep clear.</p> <p>Rh propeller which side turning circle is less and why.</p> <p>Limitation of ECDIS. 1st principle of navigation.</p> <p>Who controls GPS. How many full moon in 1 month.</p> <p>Why sound wave is used in echo sounder.</p>  | F1 |
| JB SINGH | 3-MAR-21   | <p>SUPPOSE YOU CAPT 3RD MATE HAVE TAKEN A SIGHT AND YOU HAVE SLIGHT DIFF IN LAT 3RD MATE HAS 19.9 U 20 N CAPT 20.1..... WILL YOU GET DIFF LONG ?</p> <p>WHICH SIDE TURNING CIRCLE WILL BE SMALLER ?</p> <p>YOU SAW A DISTRESS SIGNAL IN SKY WHAT IS YOUR ACTION</p> <p>POLARIS UNIQUE CHARACTERISTICS</p> <p>ECDIS LIMITATIONS</p> <p>PREPARE MUSTER LIST ( IDK Y HE ASK DIS )</p> <p>WHAT WILL YOU TAKE IN MORNING AFTERNOON AND EVENING ( ALL SIGHTS )</p>  | F1 |

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|          |           | <p>HOW WILL YOU DETERMINE WHAT IS VENUS AND JUPITER<br/>         ERROR OF ECHO SOUNDER<br/>         QUOTE RULE 10. I SAID I CAN EXPLAIN....<br/>         HE TOLD ME I WILL FAIL U DEN I ASK SIR GIVE ME 5 MINS I WILL BY HEART.<br/>         I WENT OUT AND WEN I CAME BACK HE ASKED WHY NAV LIGHTS ARE ON IN RV. ME<br/>         AND MY FRIEND WHO WERE GIVING ORAL WE BOTH DIDNT ANSWER. I WAS JUST<br/>         STARTING ANSWER LATER HE WAS EXPLAINING EVEN IF IT WAS NOT EXPECTED<br/>         ANSWER<br/>         YOU SEE VESSEL FAR OF AND ITS NOT FOLLOWING TSS ( EXPECTING RAM VESSEL )</p>  |    |
| JB SINGH | 3-MAR-21  | <p>Ror 19,8 (10 bhi poochta h mostly)<br/>         Cards 3<br/>         Radar types (X and s)<br/>         Sea n ground stablised mode<br/>         Distress signal seen action<br/>         Fire in galley action *Kuch twin propeller krke ship hota h usko Bina helm diye stbd kse turn kroge ??<br/>         Medical advice how ull seek</p>  | F1 |
| JB SINGH | 4-FEB-21  | <p>Rational Horizon, Azimuth, Amplitude. How will you differentiate and Point out which is star and which is planet? How will you differentiate between Venus and Jupiter?<br/>         What is good seamanship? NUC vessel RV signal.<br/>         Vessel aground RV signal. Errors of echosounder with proper explanation<br/>         Limitations of ECDIS. Why not long by chron in afternoon and intercept in morning?<br/>         Noon sight in detail. Rule 10,18,19,14.<br/>         Head on situation in TSS Action? Rocket parachute on port bow action?<br/>         Meterological equipment in details.<br/>         What is elongation? Wheelhouse poster in details. Squat. Long by chron.<br/>         Radio medical advice in detail. Where will you find the patient vital form for reporting your medical request? CIRM? Colreg all annex name?</p>              | F1 |
| JB SINGH | 13-FEB-20 | <ol style="list-style-type: none"> <li>1. What is wet moon?</li> <li>2. How often full moon occurs in a month</li> <li>3. IALA full form.</li> <li>4. All parts of ROR</li> <li>5. Rule 5,7,10,18,19.</li> <li>6. What is advance?</li> <li>7. What is stranding?</li> <li>8. What is collision?</li> <li>9. Error in Echo Sounder</li> <li>10. Limitations of ECDIS</li> <li>11. Action on seeing a distress signal. (Then he added up) in air.</li> <li>12. How will you correct charts and publications?</li> <li>13. Meteorological instruments on board.</li> </ol>  | F1 |
| JORDAR   | 10-NOV-23 | <ol style="list-style-type: none"> <li>1. Spell all digits 1 to 9 in phonetics</li> <li>2. Tango flag</li> <li>3. Isallaobars and isobars</li> <li>4. When we will take amplitude.</li> <li>5. Rational and sensible horizon.</li> <li>6. Condition for a body to be in lower transit.</li> <li>7. There is a light vessel transmitting K.. What does it mean.</li> <li>8. A shoal on stbd beam and a vessel is coming from 4 points on stbd bow you also have to go there. Action.</li> <li>9. Would you overtake in narrow channel in RV. Yes or no? If yes than how?</li> <li>10. lights of trawler 60m and fishing vessel .</li> <li>11. Visibility of masthead lights.</li> <li>12. Difference between WIG and Seaplane. How would you know that it is a seaplane in night?</li> <li>13. Safe speed.</li> <li>14. Manoeuvring lights positioning. (Annex 1 part 12)</li> </ol> | F1 |

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| JORDAR | 10-NOV-23 | <p>Documents verified external started-</p> <ol style="list-style-type: none"> <li>1) Which volume of IAMSAR to be carried onboard and who publishes it?</li> <li>2) New ammendments to Gmdss</li> <li>3) New ammendments to IAMSAR</li> <li>4) Sea Areas definition A2, A3</li> <li>5) When do you take Amplitude of the sun? Why?</li> <li>6) What are the types of horizons? From which horizon is amplitude taken?</li> <li>7) When is a star visible during lower transit?</li> <li>8) When is a body circumpolar?</li> <li>9) How do you fix a ship's position using HSA? Explain?</li> <li>10) Can a light vessel be manned or unmanned always? What if a light vessel is transmitting the letter 'K'? What will be your action?</li> <li>11) In RV, In Narrow Channel, you can see a vessel infront of you. Will you overtake it? If yes, sound signals?</li> <li>12) Lights for a trawler vessel making way, length more than 50 m.</li> <li>13) What is a flashing light?</li> <li>14) If the light is flashing less than 120/min is it still flashing?</li> </ol> | F1 |
| JORDAR | 18-JAN-23 | <p>WIG craft in deep, could not quote properly<br/> Diff between WIG craft and seaplane.<br/> One white light? Action<br/> Inshore traffic zone who can use?<br/> Separation zone who can use?<br/> RAM lights positioning as per Annex 1? - I told vertical positioning and but wanted to hear horizontal positioning.<br/> Interco in deep.<br/> Latitude 20°02' N -how u will hoist flags ?<br/> What is tack line?<br/> who publish IAMSAR ,contents and search patterns<br/> situation of overtaking in Narrow channel in RV?<br/> No cards, no equipments, no IALA<br/> Gyro 2°H, heading 010 G, G brg 30° Red of lighthouse, what true brg will u plot? Ans= 328T<br/> When u will take amplitude of sun and why at that time?<br/> How will you ascertain bad weather is coming?</p>   | F1 |
| JOSHI  | 25-JAN-24 | <p>START WITH P.P EXECUTION AND MONITORING EXPLAIN<br/> WANT TO HEAR SPEED REDUCTION IN MONITORING AND ENTERING IN TSS AND ALL<br/> ECDIS SAFETY SETTINGS<br/> P.P ON ECDIS .. SAFETY INPUTS ... WANT TO HEAR XTD AND WOP<br/> CARDS .. CARDINAL, NUC, PILOT, TRAWLING, CBD, LATERAL<br/> DAY CARDS... PAIR OF TRAWLING WITH (FLAG T AND P) AND VLS WITH FLAG A<br/> SAFETY PRECUTIONS FOR VLS WITH FLAG A (WANT TO HEAR REDUCTION IN SPEED)<br/> SITUATION CBD CROSSING IN TSS FROM STBD<br/> NORMAL CROSSING SITUATIONS FOR F.V AND PDV</p>  | F1 |
| JOSHI  | 20-NOV-23 | <p>Have you used Ecdis onboard?<br/> What is AIO? What information we get from AIO? Do we keep AIO always on?<br/> How to calculate UKC? (Factors)<br/> (I said sqaut, Max static draft, catzoc)<br/> Will you do route check in between passage? When? (Assuming the WNM, I said every week)<br/> What are the safety settings of Ecdis? ( I said 4 settings but he wanted more)<br/> How to reduce squat?<br/> In which water the turning circle will be greater, shallow or deep waters?<br/> What is index error? How to calculate it? (By using horizon) what if horizon is not visible, is there any other option? I said yes. He asked you are not in academy you in mid sea. Then he only said we can do it by Sun.<br/> Important contents of Wheel house poster<br/> (I started with general perticulars, etc He said important contents. Then I said Turning Circle and MOB procedure.)<br/> How will you give first aid to a casualty with burnt?</p>  | F1 |



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|           |            | <p>Cards, Vessel with G flag, (Wanted both meanings).<br/> Two vessels engaged in pair trawling shooting nets.<br/> Isolated Danger Buoy. South Cardinal Buoy. If u r doin 180 and sees this right ahead. Action<br/> Region B preferred channel buoy. (I answered for Region A. He gave hint).<br/> CBD vessel. Asked day shape and fog signals. Aground vessel. Asked day shape and fog signals.<br/> Situations: You are CBD in NC fishing vessel is crossing from stbd to Port. Action. You are CBD vessel in TSS, PDV crossing from stbd to Port action. Head on situation, at what distance you will take action. (I said by 4nm. He said what if he is doing 18kts. I said I will take action according to TCPA). Head-on situation and PDV overtaking from stbd side action. (I said if TCPA of head-on allows me to reduce speed I will let overtaking pass ahead and alter to stbd. Got little angry and asked have you ever reduced speed onboard? I said no. Then ans me according to ROR. I said, I will inform master, take broad alteration to port and pass astern of overtaking vessel. Now he was happy.)</p> |    |
| KALYNATHI | 7-APRIL-22 | <p>Rules - 2, 5, 6, 8, 15, 18.<br/> With the meaning of each word, Situation simple ones.<br/> Pd VSL crossing stbd to port 8 miles roc.<br/> Action, what is ample time? Broad alteration is how much alteration? How the over vessel will come to know that you have taken action?<br/> Lights and Shapes NUC vsl, mine clearance, cbd.<br/> IALA buoyage. Squat. Formula for squat.<br/> Effect of shallow water.<br/> IAMSAR requirement. IAMSAR vol 3 in detail with content. Search patterns.<br/> All mob Turns, Loren turn in detail. ECDIS safety settings.</p>  | E1 |
| KHAMBATA  | 10-AUG-21  | <p>What is the diff between pos plotting and monitoring ( for monitoring- wants to hear methods like Parrellel Index etc)<br/> What is Ecdis management card<br/> What is gross UKC and net UKC<br/> How you'll do Route check. After route check what you'll do? (Wanted to hear check everything visually- each leg)<br/> What is spanning in gps<br/> Distress alert on HF what action?<br/> Spare magnetic compass stored face up or face down and why?<br/> Tell all lights of FV (including shooting/hauling etc)<br/> Trawler vessels engaged in pair trawling lights</p> <p>Situations:<br/> Tug &amp; tow &gt;200m crossing stbd to port which rule and what action<br/> Sam situation same vsl crossing port to stbd.<br/> Why you will not give way considering that she is towing? I said she is not RAM<br/> Define RAM. What is meant by Overtaking as per ROR?<br/> A vsl is 40° abaft your beam, is she overtaking? Wanted to hear "coming up" &amp; "with speed more than my vsl".</p>   | E1 |
| KHAMBATA  | 9-MAR-21   | <p>Cards 7-8 including day cards boys and flags<br/> 3 situation overtaking TSS and restricted visibility.<br/> ECDIS scamming CATZOC safety parameter<br/> Passage planning<br/> Shallow water effect<br/> Errors of GPS. what is GDOP?<br/> Errors of Echo Sounder Pythagoras error in detail.<br/> Yours vessels underway in channel drops anchor accidently action?<br/> IAMSAR search patterns<br/> Calling master.<br/> What is safe speed don't coat define me practically?</p>  | E1 |

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| KIRAN | 16-NOV-23 | What is contingency anchorage, what all things u will check before? What all publications for PP? Alarms on ecdis. Sector and vector in ecdis.<br>10-12 iala and ror cards. U r cbd in tss, pdv crossing stbd to port action.<br>P and G flags teams u will build for emce. Helicopter ops checklist.<br>How to give first aid to crew with burns and deep cut on hand? Told me u r weak in first aid, this will not work and asks me to wait in lobby as internal was not there  | F1 |
| KIRAN | 16-NOV-23 | General introduction.<br>How will you plan a route from port A to port B?<br>West cardinal mark , light characteristics, use<br>Prefferd channel card<br>Ecdis safety settings<br>Zone of confidence<br>How will you prepare bridge for departure.  | F1 |
| KIRAN | 13-DEC-22 | How do you determine tide on charts .I explained about tidal diamond he was ok?<br>Showed me a flood tide symbol ..i replied but there were two dots on that arrow i was unable to tell about that. ECDIS UKC how will you calculate?<br>Safety setting all. CATZOG and types ...Eg..A1 A2 ...<br>What is U in CATZOG?<br>Wheel house poster and its content. What is rudder neutral angle on WHP.<br>What is off course alarm? What all factors you consider when changing from manual to autopilot mode? Autopilot setting..can't remember much about this.<br>Echo sounder errors. What is AIS and what all data you receive on your AIS?<br>Time in AIS is in UTC or LT? Why we don't use it for Collision avoidance?<br>Fire in paint room action. Advance transfer track reach side reach.<br>Cond for TRS. Occlld. Fronts. Barometer corr. DALR SALR.<br>What all you get from Long by chron. I replied ..OBS long and PL.. What is OBs long.<br>Azimuth Amplitude. ROR cards day card night card buoyage system card. And actions regarding this. Anchor vessel lights and fog signal. Buoyage system rythm.cardinal marks<br>EWMB and preffered channel buoys rthym and topmarks. Pilot vessel fog signal.<br>Quote rule 9 8f1 f2 f3 19d 13d. and 17b c. Co.090 east card mark right ahead action. | F1 |
| KIRAN | 12-DEC-22 | 1. Auto pilot controls.<br>2. What is the knob of auto pilot called.<br>3. ECDIS safety settings.<br>4. Safety parameters other than safety settings ( Look ahead view angle and vectors) and how to set them.<br>5. Safety contour formula & CATZOC.<br>6. Wheel house poster & rudder neutral angle effect.<br>7. Some ROR Cards (Day & Night)<br>8. IALA Cards<br>9. Factors leading to TRS formation.<br>10. Barometer correction and shore calibration.<br>11. Stranding and beaching.<br>12. How to assist C/O in case of grounding as duty officer.( I mentioned SERS, he was quite happy about it.)<br>13. Part F Colregs   | F1 |
| KIRAN | 6-DEC-22  | 1) procedures & checks to be followed when going from hand steering mode to autopilot mode<br>2) contents of wheelhouse poster<br>3) maneuvering information<br>4) alarm on wheel<br>5) off course alarm details<br>6) deviation card how it is made<br>7) various cards NUC, RAM, CBD<br>8) day cards of IALA buoyage system, cardinal marks<br>9) emergency situation -smoke in the forepeak store, action? (Favorite question for that day, wanted to know practical approach).<br>10) situation with respect to cardinal marks<br>11) search patterns as per IAMSAR<br>12) turning circle aspects- advance, transfer etc  | F1 |

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|        |           | <p>13) factors affecting turning circle<br/> 14) also asked turning circle behavior in deep &amp; reasons &amp; also reasons<br/> 15) Catzoc<br/> 16) Shallow depth &amp; shallow contour values<br/> 17) Company UKC policy.<br/> 18) Factors to be considered for calculating UKC.<br/> 19) You are on watch- EM log damaged, how to determine speed through water<br/> 20) Collision accident with fishing vessel what procedure to be followed with respect to VDR, especially at the bridge near chatroom.</p>   |    |
| KUMAR  | 10-MAR-23 | <p>1. how many rules in ror, part B section no. And title of each , titles of all annexes.<br/> 2. quote rule 6 , 9 , 19 , 17<br/> 3. Explain rule 6,13,17<br/> 4. Is 13 apply in RV.<br/> <b>THEN DISTANCE BETWEEN SHAPES AND LIGHTS</b><br/> 5. Ecdis ? Ecdis safety settings ? Catzoc full details, passage plan in ecdis<br/> 5. Publication use in Ecdis then he ask full form of , S52 , s57<br/> 6. What is chart datum ? What is what is WGS 84<br/> 7. RADAR LIMITATIONS , Characteristics.<br/> 8. What details ARPA GIVE ?<br/> 9. Navtex full form / what is phasing signal in navtex, have you heard navtex channels which publication is used for selection navtex channels.<br/> 10. ASD details and ALRS VOLUMES NAMES. Then NP NO.<br/> 11. You are in TSS or narrow channel need to take the round turn. How?<br/> 12. Where from you get the met/nav. Warnings.<br/> 13. Collision is TSS action.<br/> 14. UKC policy<br/> 15. ONE vessel overtaking from stbd quarter one is on head on? What action and why? In detail the. Quote rule 2b .... what do you understand by special circumstances.<br/> 16. RV RADAR OPERATIONAL crossing from stbd to port<br/> 17. TSS CBD crossing from port to stbd. (Long conversation in this last situation) Rule 18 d1 and d2 also he wants to hear first line of 18.</p> | F1 |
| KUMAR  | 16-NOV-22 | <p>1 - formation of TRS<br/> 2 - how you find dropping of pressure? He wants to know every aspect related to TRS. Dangerous semi-circle and navigable semicircle. Action in both. 4-5 situation.<br/> 1- you are pd vessel inside TSS fishing vessel crossing stbd to port<br/> Responsibility and action as per which rule<br/> 2- in RV<br/> You are pd vessel.<br/> One vessel is on 4 point stbd bow one vessel is at right astern. Action.<br/> 3 - you are pd vessel CBD crossing you from Port to stbd<br/> Who is give way and who is stand on. 1-2 more situation.</p>   | F1 |
| MAKESH | 4-FEB-22  | <p>Gave situations accordingly answer which rule no the rule no should be precise<br/> Asked what is speed through water and speed over ground<br/> What is safe speed? Safe speed of last vessel. What determines safe speed?<br/> What is stopping distance? How to correct ASD? Difference between correcting ASD and all (only wants the difference not procedure).<br/> Catzoc of ECDIS. If ur In port and GPS fails what action will u take?<br/> How to check if navigational light is on?</p>   | F1 |
| MAKESH | 14-OCT-21 | <p>How will you correct ASD (wanted to hear a separate book of corrections)<br/> When you will call master<br/> What is look ahead feature<br/> Dredger light and when at anchor<br/> Situation 1: In RV you are over taking a vessel which rule will you use and why (want to hear rule 19 because not in sight of one another)<br/> Situation 2(By internal): You have one vsl on Port bow crossing, 1 vessel on stbd bow crossing, 1 vsl right ahead and 1 vessel on Port quarter take action( i said broad alt to stbd) now he put the vessel on Port quarter to stbd quarter(wanted to hear take all way off)<br/> Collision take action, when will you send distress alert after collision (wanted to hear before abandoning)<br/> MOB, what alert you will send on DSC and what msg on R/T</p>   | F1 |

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|            |            | What is Squat and why it occurs and how will the vessel trim due to squat   |    |
| MANCHALWAR | 19-JUNE-23 | 1. Aground Vessel Dog Signal<br>2. Anchor Vessel & Aground Vessel Light & Day Signal<br>3. Difference b/w NUC & Aground Vessel<br>4. You are a PDV, open sea, one vessel right ahead of you on reciprocal course & one vessel on beam overtaking you..action?<br>( I sed I will Slow Down My Speed, Let the vessel on my beam pass clear first, he scolded you will slow down your speed?)<br>5. What is Squat? With formula.<br>6.Types of Turns & Search Patterns   | F1 |
| MANCHALWAR | 27-SEPT-22 | How to start radar in open sea<br>Taking anchor watch 12 points performance standard radar<br>IAMSAR content<br>Search pattern<br>Some cards ( 7-8)<br>1 vessel stbd bow, one on port bow and one right ahead actions?<br>Aground vessel fog signal<br>Sailing direction when to use<br>T& p correction one easy situation.<br>He was happy and satisfied   | F1 |
| MANCHALWAR | 10-MAY-22  | 1. Situation: 4 vsls crossing<br>2. Rule 15<br>3. Rule 14<br>4. Situation: 1 VSL end on another overtaking<br>5. Rule 2   | F1 |
| MANCHALWAR | 2-NOV-21   | 1. Ramark and racon<br>2. Pressure measuring instruments.<br>3. Temperature measuring instruments.<br>4. Wind measuring instruments.<br>5. What is collision and many more small definations .<br>6. AIO ,<br>7. IHO standard for ECDIS   | F1 |
| MANHAS     | 24-JAN-24  | 3 QUESTIONS ..WANT STAND ON AND GIVE WAY ANS AND WHY<br>CONFUSE ME IN LAST 2 QUESTIONS<br>1. CBD CROSSING IN TSS FROM STBD<br>2. CBD CROSSING IN N.C FROM STBD<br>3. CBD CROSSING FROM PORT IN C.VISIB.   | F1 |
| MANHAS     | 21-SEPT-23 | 1. In TSS 3 point one pdv crossing from Stbd to Port right angle action ?<br>After ROC exists what you will do I said it's crossing situation so I am give way he said wrong he said I fail you now come next time<br>And again he said ok one more chance<br>2.in Narrow channel what you will do same situation<br>I said determine ROC if roc exists I will keep clear as per which rule rule no 8f3 and 15 he said wrong no you are following a narrow channel he is not obey narrow channel rules then how you will become give way after ROC ...he said you are quote rule but need to understand and he teaching to me 😊<br>3.last Situation<br>One PDv towing from port to Stbd and one fishing vessel over taking from stbd quarter action he just want to hear maintain course and speed and who is stand on who is given way after that same situation but ram pdv towing from port to Stbd and stabd quaarther one vessel overtaking action<br>I said alter to port if roc exists with ram he said ok | F1 |

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| MANHAS | 23-SEPT-22 | Own vsl pdv, tv port bow 3 point towing vsl. Stand on give way. Action if she's not taking action.. Same situation towing vsl became RAM, action..<br>Why didn't u alter to port in first situation?<br>Own vsl pdv, fishing vsl coming from behind at high speed, 22.5 abaft more, whose responsibility, Action..   | F1 |
| MANHAS | 5-SEPT-19  | 1 tss situation asked who is give way ,which i didn't understand coz he was placing own vsl(models) on his side asking frm his perspective bt said vsl flowing TSS is give way vsl than he got angry n said i ll alw only 2 mistks thn we ll done and u did 1 already.<br>aftr den 2-3 tss situations like cbd crossing fishing.<br>Narrow chnl situation pd vsl crossing frm stbd.<br>he said tell me only who is give way only one word ans nothing more & Rv situations.<br>like crossing frm port stbd, thn stbd vsl so close.<br>thn insame adding more vsls. What is Headup N Course Up display.<br>Why head up i there?<br>why magnetic n gyro fail at higher latitude. Principal of gyro. Squat.   | F1 |
| MANISH | 15-SEPT-22 | Radar,ecdis,arpa limitations.. Long by chron.. Pssa,essa<br>Routing chart.. Mercury barometer.. Barometer tendency..<br>Buy ballots law.. Error of echosounder.. Speed of it pulses<br>Gdop.. Sv light.. Ror annexes name.<br>Horz and vertical dis of lights... Card nuc,sv,ram,towing..<br>Flags.. Fog signals... Duration of sound signals..<br>Which rule given? What is stranding? Shallow water effect..   | F1 |
| MANISH | 8-OCT-21   | Start from passage planning on paper chart. Passage planning on ECDIS.<br>How to update? Safety settings on ECDIS. Manual fix on ECDIS.<br>Principal of plot position interval. No ROR, no card. TRS full.<br>Metrological instruments on board. How to get navigational warnings?<br>Error on barometer how to correct. Performance standard radar or ECDIS.<br>Fishing vessel light. Then definitions.<br>Situation simple crossing 7-8 on one situation im struck that I dont know then he shift to function 2. Stowage factor. Load density, deck seal and function.<br>Alarm on IG system. Container loading, reefer precautions.<br>Coal loading precautions. Concentration precautions. Precaution while carriage coal<br>Definition TML FMP. IMDG and use. | F1 |
| MANISH | 6-OCT-21   | Passage Planning in ECDIS (want to know contour settings).<br>Conditions to call Master<br>Errors of Echo Sounder<br>Rule 7 (Scanty information by Radar explain)<br>Vsl on 4 PT STBD side action<br>Met Equipment on board<br>Rcvd TRS warning on Navtex Action<br>How will you determine TRS   | F1 |
| MANISH | 4-OCT-21   | When you will call master on bridge<br>Situation easy one you are pd and another pd on STBD 4 point but radar is not working (in this ques lots of discussion he said which did you didn't determined that vessel which vessel is that . I said you told another pd told no i didn't say like that and asked external her just laughed and had little chit chat on that).  | F1 |
| MANISH | 5-JULY-21  | Started with intro. ECDIS carriage requirements then where it's given and all the other. navigation equipment requirements where it's given. Gyro errors and how will you find it. Example amplitude methods. Metrological equipment list and it's use onboard.<br>How will you know that TRS is approaching. And when it's conform then what action you will take. North cardinal mark right ahead action. Isolated danger mark characteristics and action.<br>One vsl on 3 points starboard bow action and how will you know that it's power driver in clear day visibility. Quote rule 15, 7 and 8.<br>Indsar and inspires and difference between then. And managed by whom.<br>Can LED used in sidelights(he said yes can use)                                 | F1 |



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|         |            | Reserve source of battery and emergency generator and it's duration.<br>You received Undesignated distress alert action and how will you approach for rescue.   |    |
| MANISH  | 5-JULY-21  | ROR 2,5,7,13,15,16,17 quote and understanding with example.<br>P.d vsl, cbd vsl, NUC vsl, fishing, relation between all this vsl and which rule to be used.<br>ECDIS. Mumbai to china passage planning plot on ecdis.<br>Taking over watch at night in TSS<br>Call master, point wise and where to find these.<br>How to check in acdis that the quality of ENC is not deteriorated.<br>How to check Chart is upto date.<br>Met. Equipment present onboard.   | F1 |
| MANOJ   | 12-SEPT-19 | What is WIG? WeeKly NTM.<br>Use of updates to miscellaneous publications and admiralty digital products<br>From where u will find search patterns<br>3 Cards (F.V. other than trawler, Aground vsl, Region B stbd hand lateral mark)<br>How to update ASD not corrected for 1 yr<br>Crossing situation, Rv situation.   | F1 |
| MARKESH | 4-AUG-21   | Started with intro attempts and all<br>➤ INDSAR and INSPIRE<br>➤ Barometer correction<br>➤ Manoeuverability: Tactical Dia, Trach Reach, Head Reach<br>➤ IAMSAR Search Pattern<br>➤ Calling Master<br>➤ Taking our watch.<br>➤ Rule 5, 13<br>➤ One card verbal only Single Red Light Right ahead.<br>➤ Az and Altitude definition<br>➤ Some more questions from my previous attempts.<br>Sound signals for plot vessel, NUC, RAM   | F1 |
| MARKESH | 10-AUG-19  | -Started with random cards<br>Cards of Trawler, NUC, CBD, Mine clearance<br>-difference between shooting and hauling nets<br>-rule 5,13,17,19<br>-two or three situations based on pdv crossing and overtaing in RV<br>-passage planning<br>-ASD correction in details<br>-What all information on the ASD correction page(index)<br>-GMDSS u r in area A3 with all equipments working.. other ship also in area A3 with all equipments working and sending distress(ship is at 25miles).. on which equipments u will get the distress<br>-sight basics<br>-Equation of time<br>-Phases of moon reason<br>-Spring and Neap tides<br>-conditons to have solar and lunar eclipses<br>-why not every new moon/full moon is not having eclipse<br>-ECDIS performance standard<br>-SCAMIN, AIO, CATZOC<br>-depth settings(safety contour and all)<br>-WNTM, ANTM | F1 |

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| MARTIN | 1-SEPT-23 | <p>1. A vsl crossing from stbd to port you have a shallow patch on stbd side. (Why you are reducing speed . No. No. Why wide alteration to port. No no.) Don't apply rule 2 wrong. ( kuch bhi bolo wrong wrong ) why calling master. What is master . Master is nothing. Wrong. according to him give wide alteration to port as per rule 15 if the circumstances of the case admit)</p> <p>2. Vsl detected on radar in RV fwd of beam also hearing fog signal of that vsl action (Why 19 E) pata ne kya sunna chata h . Bolta practical ans do</p> <p>3. Fv crossing from Port to stbd in TSS who is give way and stand on.. ( i know that for him fishing vsl is stand on ) but he wants to hear as per which rule . Sab bataya (18 ,8f3) but then also wrong wrong.</p> <p>4. Safe speed other than rule 6. (Ok). Now you have accounted all factors then also how you will determine safe speed. (Kuch Bolte he wrong wrong )</p> <p>5. Why turning circle is greater In shallow water. ( kuch bhi bolo wrong wrong wrong or bolne se pahle he wrong )</p> <p>6. If speed effect on turning circle.</p> <p>7. MOB action in heavy weather</p> <p>8. Tactical diameter</p> <p>9. Turning circle , advance ,head reach</p> <p>10. GPS fail how you will navigate</p> <p>11. Who is OOW (ans - as per stcw masters representative).</p> <p>12. Vsl crossing from stbd to port action ( why you are taking series of bearing. Waste of time . Wrong fully wrong)</p> | F1 |
| MARTIN | 1-SEPT-23 | <p>1) Quote Rule 17</p> <p>2) GPS fails, Practical action what you will do on ECDIS?<br/>Probable answer- ECDIS on DR mode, Position fixing, he was expecting something else too, don't know what</p> <p>3) Man Overboard in Heavy Weather<br/>Answer prioritywise- MOB Marker first</p> <p>4) Vessel crossing from Stbd to port, shallow patch on Stbd side, What action will u take?<br/>Answer (only one)- Wide alteration to port as per Rule 15, Not as per Rule 2b first<br/>He wants to hear, "circumstances of the case admit" rule 15</p> <p>5) Who is the OOW?<br/>Answer- Master's representative as per STCW code</p> <p>6) Explain Master's Representative</p> <p>7) Fishing vessel crossing in TSS, port to stbd, Who is give way and who is stand on?<br/>Answer as per him- Fishing vessel is stand on as per Rule 18</p> <p>8) CBD crossing from port to Stbd, Who is give way, who is stand on?</p> <p>9) Turning circle variation with less speed and high speed<br/>Answer- Does not depend on speed, depends on rudder angle</p> <p>10) Turning circle in shallow waters is bigger, why?<br/>I said Shallow water effects. Before letting me explain, said WRONG as with every answer</p> <p>11) RV- Radar Operational, close quarter situation with a vessel two points on the Stbd bow, ROC exists, Action?</p>   | F1 |
| MARTIN | 23-AUG-23 | <p>1 Quote rule 17</p> <p>2 Meaning of Rule 2</p> <p>3 How we can determine safe speed ( not as per rule)</p> <p>4 Vsl crossing stb to port and having shallow patch stbd side action</p> <p>5 why vsl having large turning circle in shallow waters</p>   | F1 |
| MARTIN | 7-JUNE-23 | <p>Quote rule 17 ,19 ,2, Vessel heading 090 deg South cardinal mark action,<br/>Gyro fail action (don't say switch over to other gyro), Vessel aground action<br/>Occasions to call master, Sole look out as per stcw ( what is meaning of Day light),<br/>Smelling the ground (how will u determine u r approaching such effect),<br/>MOB in TSS action, Situations,<br/>RV one vsl right ahead and also sound signal of a vessel u r hearing action and as per which rule (alot of cross question),<br/>Head on situation shallow patch on stbd side ( wants to hear use of 2b also meaning of broad alteration), Overtaking in RV (brief discussion),<br/>CBD vessel crossing port to stbd in TSS also in NC, Action.</p>   | F1 |

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|        |          | ECDIS safety settings, Scamin ,safety depth explanation with examples.   |    |
| MARTIN | 2-DEC-22 | <ol style="list-style-type: none"> <li>1.Quote rule no 6, 8 ,19</li> <li>2. PDV crossing from Port to stbd Action ( He wants to know at what distance you will sound signals to attract her attention if she is not taking action , i said 2-3 NM )</li> <li>3.Above situation in TSS , RV , Narrow. channel</li> <li>4. PDV crossing from stbd to port action, will ask at what distance you will start taking action</li> <li>5. Same situation in RV and TSS.</li> <li>6. RV vessel overtaking from stbd quarter</li> <li>7.RV vessel overtaking from Port quarter than he said what will you do if she is not taking action.</li> <li>8.When to call master</li> <li>9. How will you prepare your vessel for RV</li> <li>10.MOB in TSS (first 5 action)</li> <li>11. Steering failure</li> <li>12.Gyro failure in TSS</li> <li>13.You are approaching Mumbai harbour , gyro fail action . ( He wants to hear that as you are approaching the harbour you can take the vessel with your magnetic compass , don't tell him that you will consider reducing speed )</li> <li>14. Aground vessel right ahead your action</li> <li>15.Explain 8 f</li> <li>16. Explain rule 19(d) and (e)</li> <li>17. In RV hear fog signal of vessel forward of beam , Action</li> <li>18. CBD vessel crossing from Port to stbd Action</li> <li>19.Errors of echosounder, GPS, ECDIS</li> <li>20.ASD</li> </ol>  | E1 |
| MARTIN | 9-NOV-22 | <ol style="list-style-type: none"> <li>1.safe speed how to determine it (he didn't wanted to hear 6a or 6b... After lots of discussion i said from manovering characteristics i will determine that what he wanted to hear)</li> <li>2.Quote rule 6</li> <li>3.tss situation fishing vsl crossing from port to stbd who is give way (own vsl will be give was as rule does not says who is give way it says about impeding 10j)</li> <li>4. Vsl overtaking from prot quarter not taking action</li> <li>5. Vsl on 2 point port bow with mast head light and side light (he wants to hear that speed also matters in this situation i told him that )</li> <li>6.Rule 19 quote</li> <li>7. Explanation of 19 D</li> <li>8. Explanation of 'the vsl which detects by radar alone' ( this means that target vsl is out of range of sound signal)</li> <li>9. Annex 3</li> <li>10. Rv situation sound signal on port bow radar not operational</li> <li>11. Same situation for port quarter</li> <li>12. Rule 8f1,8f2,8f3 full explanation</li> <li>13. Cbd crossing port to stbd</li> <li>14. Vsl headon and another overtaking from stbd quarter</li> <li>*And many more situation some tricky and debatable</li> <li>15. Squat</li> <li>16. How to reduce it</li> <li>17. Gps fail what all gets effected and action</li> <li>18.gyro fail action</li> <li>19. Engine failed in restricted water you are on bridge night time first action you will take as a duty officer</li> <li>20. Routine chart</li> <li>21. How to knw all the information of routine chart for coastal</li> <li>23. all about ASD</li> <li>24. Planning stage everything</li> </ol> | E1 |

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|         |            | 25. Mob on stbd side 5 main action  |    |
| MENON   | 16-NOV-23  | Equation of time. How are the charts numbered?<br>Working principle of dgps. How you will order enc for a voyage?<br>RAM vessel light. Pilot vessel light. Restricted visibility.<br>Situation. Your vessel being overtaken in restricted visibility.<br>What is your vessel stand on or give way (ans give way)? What action will you take?  | F1 |
| MENON   | 23-SEPT-22 | RAM light<br>Separation between them?<br>Day signal of NUC<br>What is making way and non-making way and How will you determine?<br>Aneroid barometer? Error some Q) RELATED HEIGHT ERROR<br>NUC shape? Dimension AND spacing  | F1 |
| MENON   | 23-SEPT-22 | Make a Voyage plan heavy fishing traffic<br>WHEN YOU WILL CALL MASTER?<br>What is EQ of time and what is the use of that? Situation..<br>You proceeding from harbour and you saw NUC overtaking? AND AS PER WHICH RULE?<br>Same situation in RV who is give way and as per which rule ALL VSL are GIVE WAY IN RV?<br>MOB ACTION? AND collision action?<br>TRS, TLD.. Light of some vsl... what is PL? AND USE OF PL?<br>Why it is perpendicular? Some defination of celestial?  | F1 |
| MENON   | 7-JULY-22  | (Too many questions from meteorology & cel nav theory)<br>Astronomical Position Line<br>Equation of Time<br>Use of equation of time<br>How to calculate meridian passage<br>Which formulas for calculating and position fixing?<br>How will you calculate your position by using the Star Denib?<br>Voyage planning<br>Voyage planning requirements convention (Solas & Bridge procedures Guide)<br>List meteorological equipment's onboard.<br>What is dry bulb wet bulb<br>Aneroid barometer<br>Other meteorological equipment's?<br>Tropical Revolving Storms<br>How is it formed and characteristics?<br>ROR: Fishing vessel aground. Will it show fishing lights if engaged in fishing?<br>Mine clearance vessel lights, Trawling lights, Trawling not engaged in trawling.<br>North cardinal buoy ahead what action you are following a northerly course (He said answer is totally wrong). | F1 |
| MIRANDA | 13-JAN-20  | 1. Make passage plan from Mumbai to Japan<br>2. East cardinal buoy<br>3. Sextant error<br>4. Eco sounder error<br>5. Buoys ballots law<br>6. What is squat<br>7. Banking effect<br>8. Best method to determine gyro error. Ans is by Transit bearing, leading lights<br>9. You see red flare on ur starboard bow, take action.<br>10. NUC cards, CBD cards, SAILING vessel cards, all on head on situation<br>11. What is aspect of the vsl<br>13. Man overboard, take action   | F1 |

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|           |           | <p>14. What is head reach, track reach.<br/>And many more questions, but i don't remember.</p> <p>15. Asked whether i use to take error using sextant. I was honest with from the start and said no, because sextant for less reliable and gave much larger error as compared to azimuth bearing.</p> <p>16. What is LRIT</p>  |    |
| MIRANDA   | 13-DEC-19 | <p>1. Make passage plan from Mumbai to Japan</p> <p>2. East cardinal buoy</p> <p>3. Sextant error</p> <p>4. Eco sounder error</p> <p>5. Buoys ballots law</p> <p>6. What is squat</p> <p>7. Banking effect</p> <p>8. Best method to determine gyro error. Ans is by Transit bearing, leading lights</p> <p>9. You see red flare on ur starboard bow, take action.</p> <p>10. NUC cards, CBD cards, SAILING vessel cards, all on head on situation</p> <p>11. What is aspect of the vsl</p> <p>13. Man overboard, take action</p> <p>14. What is head reach, track reach.<br/>And many more questions, but i don't remember.</p> <p>15. Asked whether i use to take error using sextant. I was honest with from the start and said no, because sextant for less reliable and gave much larger error as compared to azimuth bearing.</p> <p>16. What is LRIT</p> | F1 |
| MITHAL    | 22-AUG-23 | <p>1) Cards (towing, nuc, fishing, trawlers)</p> <p>2) Visibility of lights</p> <p>3) Arc of visibility of masthead lights of towing vessel.</p> <p>4) Situations ( overtaking, crossing, Rv). Rv, radar inoperational, fog signal forward of the beam, intensity increasing , action?</p> <p>5) Fog signal of towing vsl, vsl aground</p> <p>6) NUC vessel on 4 pts stbd bow action.</p> <p>7) Aspect cross questions</p> <p>8) Aspect of vsl on stbd bow is 112.5°, which rule?</p> <p>9) Magnetic correctors</p> <p>10) Gyro errors</p> <p>11) IAMSAR search patterns</p> <p>12) Shallow water effects</p> <p>13) ECDIS safety setting checks before taking over watch</p> <p>13) When do you call master?</p>  | F1 |
| MITHILESH | 16-FEB-23 | <p>Type of ships done</p> <p>Spell full name in phonetics</p> <p>Describe the entire structure of ROR - Number of rules, applications, sections, annexes</p> <p>What are the flags you'd find on the bridge?</p> <p>Draw a substitute flag and draw flag golf</p> <p>If you know the SMG of a vessel how would you know the SOG?</p>   | F1 |
| MITTAL    | 22-FEB-24 | <p>Started with cards</p> <p>1.nuc,towing,mine vsl, dregger with obstruction</p> <p>2. Preferred ch to port, EWMB, south cardinal</p> <p>3. Showed me nuc card underway seen from end on but he said this vessel is in 4 point in stbd bow, take action?</p> <p>Ans- maintain co and spd and if required then I'll alt to port</p> <p>4. Rv, radar inoperational, in stbd bow fog signal, intensity increasing action?</p> <p>5. He Share the screen with a situation, own vsl in port quarter of another vessel and told me to take action, roc exist?</p> <p>Ans - i said this is a crossing or overtaking situation in both the possibility I'm give way as per rule 15 or 13 . Alt to stbd and pass astern of the vsl</p> <p>6. Where u will get the recovery turn information?</p> <p>Ans- IAMSAR vol 3</p>   | F1 |



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|        |            | <p>7. Error of gyro, echo sounder, gps</p> <p>8. Information u will get from wheelhouse poster?</p> <p>9. Information u get from routeing chart?</p> <p>10. Information u get from ASD?</p>  |    |
| MITTAL | 12-JAN-24  | <p>1. Buoys (got confused with region A and B).</p> <p>2. Cards all types ( Asked questions from the cards - 1) arc of visibility of lights</p> <p>3. situations from cards at different points from bow p&amp;s. )</p> <p>4. emergency wreck marking bouy, then asked its use and is it permanent? I said no , what is it replaced with , said cardinal marks, what is duration for which the emergency wreckmarking bouy will be there until it is replaced by an cardinal mark. I said don't know, (then gave hint u will get the into from weekly Ntm) (still don't know about duration)</p> <p>5. Situations were very easy nothing new</p> <p>6. Quote rule 19</p>   | E1 |
| MITTAL | 21-NOV-22  | <p>Atleast 15 cards. Fog signal and day signal of all vessel. Annex 2 sound range. Annex 1 shape. Ranging and phasing.</p> <p>How do u know echosounder showing depth?</p> <p>Error of Echosounder. Error of Gyro. Error of GPS.</p> <p>GDOP. Wheel house poster. Ship particular. Fire wallet.</p> <p>Difference between Muster list and Muster card.</p> <p>Shallow water effect. Squat.</p> <p>IAMSAR volume name. IAMSAR search pattern.</p> <p>Reporting system.</p> <p>Situation:</p> <p>1. You see towing vessel 2 point of stbd bow.</p> <p>2. You see Aground vessel 2 point of stbd bow.</p> <p>3. In RV radar ops - own vsl doing 000 at 10 kts, Another vsl right astern she also doing 000 at 14 kts.</p> <p>4. In Rv Radar ops-vsl 2 point of port bow. Again card of Buoyage. Description of Isolated danger mark, Emwb, Lateral mark. How will you take watch?</p>   | E1 |
| MODAL  | 23-MAY-22  | <p>Don't say ur from BSC nautical science too much question celestial navigation.</p> <p>Longation angle of venus. What u get from long by chrome?</p> <p>Inferior planet. Eg superior planet.</p> <p>Twilight. Y moon amplitude is not taken.</p> <p>Sensible horizon. Difference amplitude and azimuth.</p> <p>When will u take amplitude. Mirage.</p> <p>Corona. 15 cards.</p> <p>Morse code d w z. Flag d f k.</p> <p>Out intercept and long chrome which methods u will prefer.</p> <p>6 situations in tss. Nc rv head one crossing.</p> <p>Head on. Random rules. 8f 19d and b. 13 d. 34 d.</p> <p>35k and 35 g. TRS TLD difference</p> <p>Barometer correction. Aneroid correction.</p> <p>Index error. How to determine fog bank is approaching.</p> <p>Annex 4. Grounding. Beaching.. Stranding. Ebb tide.</p> <p>Flood tide. Safe speed understanding. Squat.</p> <p>Drift angle. Track reach. Wheel house poster.</p> <p>Advantage of Williamson's turn. Aground vsl 2nm action.</p> <p>Taking all her way off. 20nm right head target. Action.</p> <p>Buoy cards. preferred channel to port region b.</p> <p>Odas bouy. Iii code. Part f. Why 1 degree is subtracted from polaris calculations</p> <p>Gyro alarm. Auto pilots alarm.</p> | E1 |
| MOHIT  | 12-SEPT-19 | <p>Take over navigational watch in narrow channel</p> <p>Errors of GPS and Echo sounder</p> <p>HDOP,</p> <p>Pythagoras error in Echo sounder</p>   | E1 |

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| MONDAL | 9-JAN-24   | 1. Spell your name<br>2. Started asking Flags(4-5)<br>3. Rules 3,1,31( i fucked up ). He was saying something in rule 1 unable to understand asked 2 times after that i said idk sir. No cards.   | F1 |
| MONDAL | 11-OCT-23  | 1) Ror cards of all types,<br>2) Fog signal of vsl aground.<br>3) Flags- 3rd substitute, Yankee, Golf, 9<br>4) quote 1, 10, 34d, 17c, 9<br>5) Condition for twilight all night.<br>6) Condition for solar eclipse<br>7) you are a pd vsl, a vsl on your port bow crossing, close quarter situation exists. Take action - Make use of 17 (b), two short blast, alter to port.<br>8) Define Audit.<br>9) Mob on port side, Action.<br>10) Williamson turn.<br>11) What is difference between UTC& Gmt.<br>12) What is Extreme Caution as per 19(e). | F1 |
| MONDAL | 15-SEPT-22 | TSS, Fishing vessels ahead of u. take action.<br>And why this action. 20 deg abaft stbd beam there is a vessel.<br>Situation and action. Port bow Vsl crossing port to stbd<br>Vsl nt taking action. Situation.<br>And quote rule 15.   | F1 |
| MONDAL | 23-AUG-22  | Quote Rule 5, 6, 9, 18. What is a 'New Danger'?<br>EWMB, Isolated Danger buoy, Lateral Marks.<br>Night & Day signal for NUC & RAM. Anchored Vsl Sound Signal<br>What is Squat? Safety settings on ECDIS?<br>IAMSAR Manual. Wch volume of IAMSAR you carry onboard? Its contents?<br>Search Patterns? How will you correct charts?<br>In PP what is the use of ASD?<br>Roueting Charts. Passage Planning.<br>Simple ROR Situations only 3  | F1 |
| MONDAL | 6-MAY-22   | 1. How many ROR rules name ...wat is rule 39,40<br>2. Rule no explain in own word.<br>3. Rule 2 own word.<br>4. Term wig craft explain.<br>5. Headon with wig craft action<br>6. Long by Chron. how u take on ship wat u get?<br>7. Amp def<br>8. Draw wreck dangerous to surface nav<br>9. Rule 13 quote<br>10. rule 8 quote<br>11. Rule 14 quote<br>12. Type of buoy<br>13. All about cardinal buoy<br>14. then agn chart symbols some depth more than 50m...(I don't able to ans. that).   | F1 |
| MONDAL | 5-FEB-24   | What is meant by compasses compared<br>why do we take error<br>how will you take suns amplitude (formula)<br>procedure to take sight from pole star<br>Ror<br>Rule no 39<br>Lights of wing in craft<br>Defination of wing in craft<br>What is meant by surface effect action in wing in craft<br>Yellow with white light  | F1 |

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| MUDULI  | 20-JAN-23 | <p>Passage Planning</p> <p>What information you need from C/O for PP</p> <p>How do you know which region of IALA Buoyage is it (ASD) he was still insisting for one more publication, then finally I said routeing guide and he said ok next</p> <p>Methods of finding, Gyro Error.</p> <p>Mandatory Bridge Posters (not to mention UKC policy because he said I didn't ask for company specific posters)</p> <p>What do you get from Wheel house poster</p>   | E1 |
| N KUMAR | 15-DEC-22 | <ol style="list-style-type: none"> <li>1. Passage and safe passage</li> <li>2. Head on CBD own vessel CBD action</li> <li>3. Distress signals</li> <li>4. ECDIS passage planning from Singapore to San Francisco.</li> <li>5. Azimuth, amplitude, RA definition.</li> <li>6. 18 cards of NUC, fishing vessel, RAM, aground, pilot vessel mixed</li> <li>7. Day cards, lateral mark</li> <li>8. cardinal mark actions</li> <li>9. Quote Rule 6, 7</li> <li>10. Some situations</li> <li>11. How TRS formed</li> <li>12. Meteorology equipment</li> <li>13. Define COL</li> <li>14. Define front occlusion</li> <li>15. ALRS volumes</li> <li>16. About IAMSAR fully and search patterns</li> <li>17. Williamson turn</li> <li>18. Reporting system on board</li> <li>19. AIS frequency</li> <li>20. Gyro errors and he asked me explain one by one how u will correct it in ur watch</li> <li>21. Echosounder errors, sextant errors</li> </ol>   | E1 |
| NAKHWA  | 8-JAN-20  | <p>Passage planning in detail (lots of cross question). When to reduce speed?</p> <p>What is no go areas? Difference bet AIS and LRIT. What's d use of whirling sychromter?</p> <p>Overtaking situation. Draw the diagrams shown on wheelhouse poster and what information.</p> <p>What is the use of turning diameter, why we require that. Give example?</p> <p>Sopep drill. What is 7 barrel kit? Routing charts information.</p> <p>What is iwl in routeing charts? Muster card n location.</p> <p>How will u cross TSS? U r in crossing in TSS n der is set. Will you adjust your course. How will u cross? Definition sailing vessel, PDV, restricted visibility, underway.</p> <p>Explain 13 , 14 , 17 , 19. Speed effect on turning circle.</p> <p>Which rule says not to alter port? What error you will prefer in gyro.?</p> <p>Gyro principle. What makes gyro so useful ( wants to hear it's a precision instrument and unaffected by magnetic field. How LRIT works? Who are parties authorised to access LRIT information?</p>   | E1 |
| NAMBIAR | 25-NOV-22 | <p>Asked 10+ situations. (Simple but with some small twists) (he was more interested in application on rules). Vessel crossing stbd to port (I asked type of vsl and said will take action as per 15, 18.). Sailing vsl overtaking. Own vessel CBD. Ram crossing.</p> <p>Simple nc, TSS typical questions - One word.</p> <p>Rv just a vessel stbd quarter, then same with sound signals.</p> <p>Rv vsl port bow and stbd quarter (as per circumstances).</p> <p>How will you determine a target info without Arpa (plotting &amp; needed to draw show the triangle-rough figure)? How will you determine ROC?</p> <p>What all means to determine roc on ship? Drawn and showed some type of ships. Identify.</p> <p>Asked fog signal for multiple ships - anchor, aground. Flag for aground vessel.</p> <p>Different types of flags used on ship commonly and meaning. Asked shapes for multiple ships.</p> <p>Showed few simple cards drawn by himself and asked it.</p> <p>Rule 6, 2, 7, 18d quote (was in context with situations).</p> <p>Some basic cel nav questions. Nav equipments in details.</p> <p>Metrological equipments onboard ship. Salinometer (I accidentally said along with met equipment 🤔). I missed a few (barograph)- cross questions.</p> <p>Barographic tendencies. What is a wet dry bulb thermometer?</p> | E1 |

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| NAMBIAR | 13-JULY-22 | <p>Why did you fail last time? I said couldn't differentiate between ASD and guide to port entry and vessel light for dragging anchor. had said NUC (jb singh).<br/>         Okay what lights will you show for dragging anchor vessel?<br/>         I said the lights for the vessel of similar length while underway.<br/>         Vessel with 3 black balls ahead. What type of vessel and action?<br/>         East cardinal mark ahead course 090°. Met instruments onboard.<br/>         Use of hydrometer. Diff between barometer and barograph.<br/>         Function of gmdss (Couldn't answer properly). How will you know if LRIT is working?<br/>         Difference between ais and LRIT. Neglect in compliance with the rules.<br/>         Answered not satisfied. Then gave an example drunk officer sleeping on duty. Asked which rule, I said not complying with Rule 5. Said I want these type of examples.<br/>         Then I gave more examples similar to the above with reference to rule 6,7,8,<br/>         Asked characteristics of radar which determines Radar efficiency.<br/>         Which rule talks about traffic density? What action as an OOW will you take in traffic density?<br/>         Difference between maneuvering and fog signals? Advance, drift angle.</p> | E1 |
| NAVEEN  | 2-NOV-22   | <p>1) You are in open sea you see a vessel right ahead<br/>         2) visibility getting restricted action<br/>         3) crossing situation action by both stand on and give way lots of cross questions<br/>         4) calling master<br/>         5) Anchor dragging how will you come to know<br/>         6) heavy traffic steering gear fails action (wants to listen tx of safety message too)<br/>         7) Squat<br/>         8) at what rate does squat increase or decrease<br/>         9) head on and overtaking situations and lots of cross questions<br/>         10) Restricted visibility cross questions<br/>         11) Situations when you can use rule 2 for departure</p>  | E1 |
| NAVEEN  | 18-OCT-22  | <p>General introduction<br/>         -Quotes Rule 10, 17, 18 and 19<br/>         -which rules apply in RV<br/>         -No lights and shapes<br/>         -Situations on RV (Radar Operational and inoperational)<br/>         -Clear visibility situation in TSS and NC<br/>         -No equipments asked<br/>         -Methods for finding compass error (Basic briefing)<br/>         -Some sound signals from rule 35<br/>         -Iamsar volumes (What information do they give)<br/>         -How will you carry out emergency steering onboard ship<br/>         -Night time encountering RV what actions to take<br/>         -Cardinal marks details<br/>         -some more can't remember (No theoretical only practical questions)<br/>         Approx 30mins</p>  | E1 |
| NAVNEET | 14-JULY-22 | <p>ECDIS safety standards. What is Safety depth?<br/>         Difference between Vector chart and raster chart.<br/>         Explain rule 19<br/>         Situations-<br/>         Vessel on stbd beam. Take actions.<br/>         Vessel on port bow 3 miles not taking action. What are your actions?<br/>         RV, vessel radar in operational heard sound signal from astern. Actions.<br/>         Fog signal for aground vessel.<br/>         What is tactical diameter?</p>   | E1 |
| NAYAR   | 20-NOV-23  | <p>Cards action, day shape and fog signal (CBD, sailing vessel, F.V with purseine gear, towing vsl and vsl being towed)<br/>         Range of side lights.<br/>         What are leading lights, can you take C.E with the same and how.<br/>         Sailing directions, what info will you get<br/>         When do you take amplitude of sun.<br/>         Shadow and blind sectors diff<br/>         MOB on stbd side action<br/>         Anaeroid barometer corrections<br/>         Squat definition, how to reduce</p>   | E1 |

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|           |            | Advance, transfer.<br>How will you receive Nav warnings.   |    |
| NITIN     | 8-APRIL-21 | How will u assist initial damage.<br>Correction of ASD.<br>Freeboard calculation factors.<br>Head on situation with nuc is overtaking take action.<br>Sailing vsl crossing port to stbd another vsl so close to stbd side take actio.<br>What is rigidity? What is phasing?  | F1 |
| NITIN     | 2-FEB-21   | What is zig zag curve<br>How to make deviation card<br>How to correct chart catalogue<br>How to correct sailing directions<br>Fog signal for aground vessel<br>How land lead lines are made, what are the markings on it.  | F1 |
| NITIN     | 7-JAN-21   | 4,5 cards towing light vl towing more than 100m tow,<br>Crossing situation, head on situation in rv during sit quote related rules,<br>Squad sector search in detail,<br>How will u come to know your ECDIS updated errors of echo sounder only name contents of<br>Chart catalog where did u find distance,<br>Routing chart,<br>Man over board take action   | F1 |
| NK SHARMA | 16-AUG-23  | 1. What is Drift angle?<br>Ans :Drift angle is the angle bw the ships fore and aft line and the tangent to the circle.<br>2. IAMSAR Full form ? Volumes ? Which one for us?<br>Ans: INTERNATIONAL AERONAUTICAL AND MARITIME SEARCH AND RESCUE, 3 volumes, 3rd one.<br>3.WH poster in details<br>4.Tidal diamond and table<br>5.Admiralty distance table<br>6.Electrical fire in Accommodation, Which extinguisher and action.<br>7.Chart used in Ecdis<br>8. Vector x Raster<br>9.What do you mean by layers in Ecdis?<br>10.How may types of clouds? Name all.<br>11.Hygrometer, wet and dry, Circumstances when wet = dry.<br>12.Routeing charts contents<br><b>ROR</b><br>13. Definitions, rule 3 , NUC , RAM, CBD.<br>14. Anchor dragging !! Which lights?<br>Ans : Say directly NUC . A vessel is said to be at anchor only when she is holding.<br>He asked wt about anchor lights ? I said i will switch it off because Nuc + Anchor lights will becomes Aground lights. He said very good.<br>15.Own vessel CBD & Pdv crossing frm stbd to port. Roc exist. Action?<br>Ans : As per 18d1 he should not impede my safe passage.But as u said roc exist, i will reduce speed and let her pass ahead.<br>He was like oohooo, then who is give way and stand on?(Tried to confuse) But stick into ur concept. Giveway is CBD ( own vessel) and PDV stand on as per rule 15. Again Smiling face.<br>16. CARDS : Trawling, Ewmb,Cardinal, Preferred channel.<br>17. Rules applicable in RV. I said 1 to 10, 19, 20 to 33 , 35 to 41. | F1 |
| OAK       | 16-SEP-24  | 1. Define New wreck.How will you identify by day and by night?<br>2. Day signals dimensions and sectors as per annex 1<br>3. Lights and shapes for trawler hauling nets,NUC making way,Vessel Aground.   | F1 |



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|     |           | 4.All fog signals<br>5. Passage plan from Mumbai to UK<br>6.All cardinal buoys,isolated danger,safe water marks<br>7.Pilot ladder dimensions and specifications and safety precautions by night<br>8. INDSAR,INSPIRES<br>9. BMP<br>10.Logs maintained on bridge,GMDSS log book contents.<br>11.Tidal diamonds<br>12.Quote rule 13 and 19...   |    |
| OAK | 13-FEB-24 | ROR cards, day signals<br>How to determine safe water mark in rv<br>BMP<br>Rule 6<br>Lts and day signal of trawler nuc aground.<br>Passage plan mumbai to singapore<br>How to update ecdis charts<br>What all logs you maintain on bridge<br>Emgcy steering gear  | F1 |
| OAK | 17-JAN-24 | 1.True 125 error 5 low gyro?<br>2.Day signal for trawling vessel hauling nets<br>3.Fairway buoy day and night signal<br>4.Isolated safe water mark day signal<br>5.Pilot vessel fog signal<br>6.Vessel 2 pts on starboard bow rv action<br>7.Almost similar questions with crossing situation on port how<br>8.How to order charts in ecdis<br>9.Alarms of all navigational equipment<br>10.Day signal of aground vessel<br>11.How to set navtex station<br>12.Chart symbol for wreck depth unknown dangerous for surface navigation<br>13.4.5 m obstruction swept by wire<br>14. Meaning of SD<br>15. G stands for...<br>16.ETA calculation.... vessel departing from India at 17/01 noon time travelled 144 hrs to uk..when will the vessel reach uk eta date and time ( fucked up a bit on this one) | F1 |
| OAK | 17-JAN-24 | 1-You are having 5°L (g) course 125 - what you will steer<br>2- you are in Japan (2+1) composite flashing RED light<br>3- how will you identify NUC is making way<br>4- how will you identify the west cardinal mark (without shapes ) - colour wise in day light<br>5- how will you identify a trawler with a hauling light in day light<br>6- after identifying trawler vsl with hauling on port side action<br>7- day signal for aground vsl<br>8 - how will you select a chart from Mumbai to the UK<br>9 - your vessel black out. Which equipment will get power from the emergency generator.<br>10- Mob in open sea action   | F1 |
| OAK | 11-JAN-24 | 1. What is Fairway Buoy and how do you recognize it at night<br>2. West cardinal mark<br>3. Why South Cardinal mark has one long flash<br>4. Explain INDSAR and INSPIRE<br>5. What will be your action in case of Power failure on ship<br>6. IAMSAR Manual<br>7. One time zone question<br>8. How will you take over the watch?<br>9. Range of Whistle Signal<br>10. Symbol of Rock Awash, wreck dangerous to navigation or not dangerous to Navigation, Flood Tide<br>11. BMP - Best management practices Situations -<br>12. TSS Situation - you are power driven vessel and CBD Vessel crossing Port to Starboard. What will be your action ?   | F1 |

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|     |           | 13. Rv - 2 point port bow vessel Action<br>14. Alarms of echo sounder<br>15. Gyro failure action<br>16. Pilot ladder specifications<br>17. How to set navtex station   |    |
| OAK | 11-JAN-24 | 1. Fairway bouy<br>2. West cardinal mark<br>3. INDSAR<br>4. BMP - Best management practices<br>5. Tss - one CBD crossing from Port to stbd , you are a pdv<br>6. Tss - tug crossing from stbd to port, you are pdv<br>7. Rv - 2 point port bow vessel Action<br>8. Alarms of echo sounder<br>9. Gyro failure action<br>10. Pilot ladder specifications<br>11. How to set navtex station  | E1 |
| OAK | 4-JAN-24  | How will you identify new danger? How will you identify fairway buoy at night and day?<br>You see 2+1 in japan what is that. Nuc underway night and day signal.<br>See 2 white light in vertical line what it is?<br>Trawler light.<br>Chart symbols: flood, wreck not dangerous to navigation, sounding of 4 mtr swept by wire<br>What paper we use in echo sounder, what will you do if ppr finished onboard?<br>Errors of echo sounder. Bridge equipments connected to emg generator.<br>Fog signal of vsl 2 point on port bow action.<br>Pilot vsl fog signal. Sierra Charlie Flag together meaning.   | E1 |
| OAK | 20-NOV-23 | gyro error 5 degree low true course 125 what heading will you choose, i said 120 degrees<br>all IALA buoys lateral marks. Preferred channel buoys region B.<br>Cardinal marks. Safe water mark. How you'll Identify EWMB in fog on radar?<br>RV hearing fog signal from port bow. RV fog signal from stbd quarter.<br>Quote rule 19d 19e 6 9d. vessel both masthead lt and side lt visible on 4 point stbd bow<br>action. Trawler hauling nets day signal. Chart symbol wreck dangerous to navigation and<br>bottom not found at 10m. how will you identify pilot vessel in RV?<br>pilot ladder specifications. How will you identify vsl aground in rv and anchored vessl?<br>Specifications of sound signaling appliances. Sectors of nav lights.<br>INDSAR , when and what reporting you do to INDSAR. Your going on route mumbai to uk<br>which navtex stations you'll will add and from where you'll get info.<br>How you will update paper charts ( wants in detail). Sections of WNM.<br>What is ECDIS and how you'll update it? What is squate and how you calculate?<br>Ship listed to port which side she will turn easily and why?<br>And some more but those were easy | E1 |
| OAK | 23-AUG-23 | 1. What is q danger<br>2. Isolated danger mark<br>3. You are proceeding in harbour see a water buoy in centre and one vls is crossing from<br>stbd to port take action<br>4. Errors of echo sounder<br>5. EV fails how will u get speed in ARPA and ecdis<br>6. You r in coastal passage how will u take compass error<br>7. In rv heavy rain , rolling pitching how u will take compass error<br>8. What is DGPS and how is benifit of this on ship<br>9. Symbol of flood tide, wreck not dangerous to surface navigation.<br>10. Imsar , who coordinate it<br>11. Fog signal of pilot vessel<br>12.safety depth, squat and its formula   | E1 |
| OAK | 17-MAR-23 | 1)Trawler vessel light with shooting nets<br>2)Fishing vessel light with purse seiner<br>3) Vessel CBD day and light signal<br>4) Vessel aground day shape<br>5) Sailing vessel propelled by machinery day shape<br>6) NUC lights<br>7) Fog signal of pilot vessel   | E1 |

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|     |            | <p>8) For Dresher vessel which side will you pass</p> <p>9) How to identify your charts are updated</p> <p>10) Chart symbols wrecks not dangerous to surface nav, Obstruction of 4.5 m done by wire Guage, Flood tide symbol, Rock awash dangerous to surface nav, PA , SD , Sd</p> <p>11) Your Dec is 0 deg lat 15 deg S Draw RH diagram and explain</p> <p>12) What is BMP 5</p> <p>13) how to identify North cardinal buoy at night and west cardinal buoyat day without top mark</p> <p>14) Isolated Danger mark</p> <p>15 ) Preferred channel to Stb in Region A</p> <p>16 ) Fairway Buoy and EWMB</p> <p>17) What all factors affecting squat</p> <p>18) How will you participated in INDSAR</p> <p>19) How many types of flags on bridge</p> <p>20) Types of answering Pendant and substitute flags</p>                             |    |
| OAK | 6-MAR-23   | <p>How do you identify Trawler shooting nets day and night?</p> <p>Identify fairway buoy at night. West and south cardinal mark.</p> <p>Alarms on ECDIS. How you calculate safety dept?</p> <p>UKC policy of your company. Squat factor affecting it.</p> <p>Pilot vsl fog Signal. One white light 2 point stbd bow identify and action in each case.</p> <p>Routine chart. Can you use jan 2023 chart for 2022.</p> <p>You are in time zone +0200 Doing westerly course time remaining 144 hrs ETA date and time?</p> <p>How you know chart is updated?</p>   | E1 |
| OAK | 16-FEB-23  | <p>Draw the following chart symbols - Flood tide, wreck not dangerous to surface navigation</p> <p>What does SD and Sd stand for on a chart? How would you know that a chart is corrected and up to date? How often is CNM published?</p> <p>What is BMP5? Lights of NUC, Pilot vessel, CBD, aground. Day shapes of NUC, CBD, Pilot vessel, aground, trawler hauling nets.</p> <p>Fog signals of Pilot vessel. Vertical separation between shapes.</p> <p>How would you identify cardinal marks without their topmarks? Describe all of them.</p> <p>What is a fairway buoy? Describe it's characteristics.</p> <p>Action in case of MOB? Errors of the echo sounder.</p> <p>What are the safety settings for ECDIS?</p> <p>Corrections for an aneroid barometer. Formula. How to correct for index error. Who does these corrections?</p> | E1 |
| OAK | 15-SEPT-22 | <p>Gmdss battery test, New dangers,</p> <p>South cardinal mark without top mark. Identify</p> <p>Draw Wreck not dangers to navigation and flood</p> <p>Pilot vsl in RV. identification. Signal..</p> <p>PA, SD. Trawler lights shooting nets. Lights?</p> <p>Log books on bridge, Alarms on bridge.</p> <p>Bridge equipments connected to emergency generator</p> <p>Mob action, Mob signal.</p> <p>You're transiting Japanese coast, seen red light, identify light.</p> <p>INDSAR reporting. EWMB. NUC making way lights n shapes</p> <p>Vsl aground lights n shapes. Signal.</p> <p>Safe water mark. Identify.</p> <p>RV vsl on port bow. Action?</p> <p>144hrs today noon. Westerly course.</p> <p>Time zone (+0200) heading UK (0000). Eta?</p> <p>WIG and Seaplane difference. Wind rose. Drying heights</p>                         | F1 |
| OAK | 14-JULY-22 | <p>EWMB? How u will identify in day n night?</p> <p>isolated danger mark, Safe water mark, E and S cardinal mark how u will identify without top marks?</p> <p>Aground vsl day signal and distance between those balls?</p> <p>How u will identify Pilot vsl rv signal?</p> <p>[Situation in RV u hear fog signal forward of beam what action u will take?-I said i will reduce my speed to the minimum on which I can kept on my course. U hearing fog signal means how far the vsl is?</p>   | F1 |

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|     |             | <p>Ok now the close quarters situation developing with that vsl ? Further action ?<br/>         If necessary she will take all her way off and in any event navigate with extreme caution untill.....]</p> <p>How u will select a navtex station fr ur voyage?<br/>         What messages u cannot remove from navtex?<br/>         What is ALRS vol 3? How often u will get spring n neap tide what is the reason for that?<br/>         Ur in a +0200zone going to 0000zone proceeding in a westerly course from today noon 120hrs for ETA give me the date and time of ETA?</p>   |    |
| OAK | 2-DEC-21    | <p>Rules 6<br/>         Situations 4-5<br/>         Ecdis performance standards<br/>         Safety settings<br/>         Action when you see short blips on radar</p>   | F1 |
| OAK | 5-JULY-21   | <p>Wants no mistake in ROR<br/>         Lights and shapes of dredger with obstruction, NUC, RAM, Aground, Anchor, Mine clearance. what is fore yard.<br/>         Fog signals aground, anchor.<br/>         Vessel on stbd bow even less then half point seen both side Lt. and both masthead Lt. - types of vessel, which rule apply, action.<br/>         Same question with 4 point stbd bow.<br/>         Dredger end on with obstruction on its port side sighted right ahead action.<br/>         Routeing charts content, lamsar and all search patterns, all Meteorological instruments with their uses. What is barometric tendency and its significance. Buys Ballot's law, Errors of Echo sounder, isolated danger buoy and action when sighted while entering channel, heading 000 north cardinal buoy sighted ahead action, when exiting channel in region A which buoy on stbd side.</p> | F1 |
| OAK | 13-APRIL-21 | <p>Cards (night) trawling n towing. Card (day) NUC, ram only identification.<br/>         Chart corrections how to know whether they are updated or not.<br/>         Rule 6, 5. Flags. All buoys with cards. He has all bouy with top mark missing so first identify it<br/>         EPIRB working. INDSAR boundaries n reporting procedure.<br/>         Chart symbol Cy. Training manuals.</p>  | F1 |
| OAK | 11-MAR-21   | <p>Flag G. Few Buoys and cards. Situations and lights (wanted me to quote).<br/>         Arpa performance standard and where will u find it.<br/>         Find ETA from present day noon zone +2 to zone 0 if time left is 144hrs (answer +6days 1000). Navigation equipment that have emcy gen supply. How to test GMDSS?<br/>         P/R rescue. Galley fire action. EPIRB accidental activation action.<br/>         Time delay between EPIRB activation n signal transmissions.<br/>         What is Camber?</p>  | F1 |
| OAK | 11-MAR-21   | <p>Mob action in sequence, How will you take over navigation watch at Night, both ECDIS failed action, how will you correct chart on ECDIS, content of routine chart, how many routine chart and for which areas, passage plan from Singapore to mumbasa, what all publications you will use and their content in brief, 8-9 night n 3 day cards, head on situation with another vsl on my stbd beam, company UKC policy, master standing order and night order difference and few more.</p>   | F1 |
| OAK | 11-MAR-21   | <p>Mob action in sequence,<br/>         How will you take over navigation watch at Night, both ecdis failed action,<br/>         How will you correct chart on ECDIS, content of routine chart,<br/>         How many routine chart and for which areas, passage plan from Singapore to Mumbasa,<br/>         What all publications you will use and their content in brief, 8-9 night n 3 day cards,<br/>         Head on situation with another vsl on my stbd beam,<br/>         Company UKC policy,<br/>         master standing order and night order difference and few more.</p>  | F1 |

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| OAK   | 4-MAR-21   | <p>which company u from? Quote : rule 6 , 7</p> <p>How will u know the visibility outside in RV? ( Open sea )</p> <p>Placed buoys and asked to determine and action: 1. Lateral port mark reg A</p> <p>2. Safe water mark how will u identify at night.</p> <p>3. East and West cardinal buoy top marks and light .</p> <p>Situation:</p> <p>RV : u are PDV u hear fog signal of another on port bow. Action?</p> <p>Vertical separation of mast headlights full he wants to hear.</p> <p>Day mark of trawler hauling nets. Diff between NUC and Aground vessel.</p> <p>What u know abt vertical separation of sidelight of fishing vessel.</p> <p>Flags : G P.</p> <p>Meaning of flag P</p> <p>How to name azimuth : lat 10deg N. Dec 10 deg S. ( He wants u to show on rational horizon diagram.)</p> <p>ETA CALCULATION: u are 144hrs and ZT +0200 . Find ETA to reach GMT.</p> <p>Gyro error 2deg High, u want to steer 125deg T. What is your current heading?</p> <p>How to participate in INDSAR?</p> <p>errors of echo sounder.</p> <p>Tell me how to set up NAVTEX before u begin to sail.</p> <p>Phasing signal? How to correct a chart normally.</p> <p>Hw many nav areas in the world? India comes in which Nav area?</p> <p>What is AIO? How to put it in Ecdis?</p> <p>What is 133 c ? How does it look and contents.</p> | E1 |
| OAK   | 9-NOV-20   | <p>Kept lateral mark in front and asked action.</p> <p>Kept west cardinal buoy on table. my vessel is on easterly coast and this buoy is right ahead.</p> <p>Action. LRIT.</p> <p>Safe water buoy. How will u recognise it at night(wanted to know the light it exhibits.</p> <p>Isolated danger mark light.</p> <p>During watch you see dots in a line on the radar, what will you call it and action.</p> <p>FLAG GOLF (G) DESCRIBE</p>   | E1 |
| OAK   | 10-SEPT-20 | <p>1. What information you get in admiralty chart catalogue</p> <p>2. How many routeing charts? Name all Regions? At what intervals they publish?</p> <p>3. Name all Publication used for passage planning.</p> <p>4. What all thing's you see on your ECDIS screen.</p> <p>5. How do you update ENC?</p> <p>6. Cards: Dredger/ uwo with restriction, FV, pair trawler, mine clearance vsl, preferred channel to stbd</p> <p>7. You are in Singapore strait, what all will be the shallow water effect on your vsl.</p> <p>8. You joined a ship where 2nd officer has not corrected charts for two years, how will you go about it?</p> <p>9. At what intervals CNTM are published.</p> <p>10. You are on night rounds inside accommodation, you see smoke coming out of room action?</p> <p>11. You are on cargo watch on tanker, no 2 tank catch fire action?</p> <p>12. What is Deck Seal?</p>   | E1 |
| OAK   | 9-DEC-19   | <p>-Many cards. Mostly was nuc and aground , and trawling ,etc</p> <p>- how to calculate eta</p> <p>- Cbd definition.</p> <p>- Flags : G H W P Z L</p> <p>- What is rational horizon</p> <p>- Lat 24 s dec 18n draw and show on rational horizon diagram where will the sun rise.</p> <p>- What is Ecdis</p>  | E1 |
| OSWAL | 3-FEB-22   | <p>Info about myself, Ships sailed, Some cards...</p> <p>Safe speed, If ur engines allows u to do 20kts in open sea, what will be your safe speed.</p> <p>Fir cross questions krne laga, RV ho gaya toh speed kitna karoge ?</p> <p>20 kts hi karoge kya ? Traffic badh gaya..</p> <p>Fir reduce karoge ya same speed se jaoge... Risk of collision rule 7..</p> <p>CBD, NUC, RAM definition (exact word to word batana bhai, and/or/the ka bhi mistake nahi chahiye).. TRS.. Conditions to form TRS..</p>  | E1 |



|            |           |   |    |
|------------|-----------|---|----|
|            |           | <p>How do u know u r approaching towards TRS<br/> Wind direction se kaise detrmine karoge SH &amp; NH me TRS kaha hai.<br/> Types of clouds, name, characteristics of clouds,<br/> U r CBD, Humidity, RH, Dew point, Lights,<br/> Shapes, sound signlas of CBD, aground vsl<br/> U r leaving a port, 1 PD on stbd, crossing situation,<br/> Which rules of colreg applies.. Jo bhi rule hoga wo quote krna hai pura and Fir action batana hai. Narrow channel U r PD, see head on PD, action according to which rule,<br/> Action jaise hi bataya there is obstruction on side, Fir kya karoge...<br/> Confuse kr deta hai poora situations me aur rules usko poora dot to dot chahiye<br/> But time deta hai sochne k liye... gives you 10 secs if u say so.<br/> ECDIS, correctionn of ENC, Difference bw enc and senc,<br/> What is raster chart, What is RADAR , Limitations, Echo sounder,<br/> Errors of ES. Charts, What is gnomonic chart, Mercator chart, Contents of NTM,<br/> Sailing directions, Corrections, Wheelhouse poster</p> |    |
| OTTERAN    | 15-JAN-22 | <ol style="list-style-type: none"> <li>1. From rule 23-30 = day shapes and light signals</li> <li>2. Vsl on stbd quarter what lights you will see.</li> <li>3. Vsl on 4 point stbd bow both masthead light and sidelight visible what is the aspect, what is the situation , what type of vessel it could be.</li> <li>4. NUC overtaking</li> <li>5. Cbd port Crossing open sea</li> <li>6. Routeing charts detail</li> <li>7. How you will correct nautical charts if not corrected from last 2 years</li> <li>8. ASD correction where you will find and how frequently it is published</li> <li>9. Contents of tide tables</li> <li>10. ECDIS passage plan (not in detail)</li> <li>11. How is WNTM is corrected in ECDIS?</li> <li>12. Limitations of ECDIS</li> </ol>   | F1 |
| OTTERAN    | 11-JAN-22 | <p>(Said will start with ROR if not satisfied then won't ask further in F1)<br/> Day signal of NUC dredger, ram, mine clearance, aground<br/> Fog signal aground vessel,<br/> Situation<br/> 1. 000 heading north cardinal at forward ( action ke saath tell inform master if Tawo..he was happy with that)<br/> Isolated danger mark at the start of the narrow channel, action<br/> 2. Half a point stbd bow showing two red light on port and two green on stbd action<br/> 3. 4 pts stbd two masthead lights and side lights visible<br/> Vessel possibilities, which situation and action<br/> **imp question (maintain co and speed)<br/> Squat, pivot point,PP of stationary vessel,<br/> Reg A exiting channel which It on port side, and while entering the same.</p>  | F1 |
| P.C. MEENA | 6-OCT-21  | <p>Rule 14 thn situation ,<br/> Vessel In Stbd two mast head lights and side lights seen, Action ?<br/> In RV, vessel coming from STBD quarter fog signal intensity increasing, radar in operational .<br/> Action.<br/> Rule 19 D D1 and D2 only.<br/> Again squat<br/> Pilot vessel additional fog signal.</p>  | F1 |
| P.C. MEENA | 5-OCT-21  | <p>Presentation library 4.0 , Catzoc, sector and vector in ECDIS. Limitations of Radar and performance standards. Performance monitor of Radar and by check this what you are checking actually. Errors of Echo sounder. Pilot vessel sound signal in Rv and aground vessel.<br/> Rule 39 and 40. What are content of Wheel house poster?<br/> What is critical rpm?<br/> Auto pilot fail action. Anchor dragging action. Box the compass from North to West.<br/> Heading 270 in southern hemisphere where will be your dangerous semi circle and what action you will take to come out.</p>   | F1 |

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| P.C. MEENA | 15-NOV-19  | (Asked personal info, intro then asked what happened in previous attempts that I could not clear. *Told him honestly that I cant by-heart ROR, so he nodded*)<br>*Explain* rule 10 (own words 🇮🇳)<br>* What do you mean by blocks, how are they used ?<br>*Cancelling false distress alert.<br>*ASD Correction practical procedure from beginning to end.  | F1 |
| PANIGRAHI  | 17-NOV-22  | 1) Rule 9, 19, 15, 10, 6<br>2) A to Z Flag<br>3) In RV one vsl port bow<br>4) one stbd now Range 6 mile Action,<br>5) Isolated Danger, Safe Water and Special Mark all details<br>6) IAMSAR<br>7) BPG CONTENT<br>8) WILLIAMSON TURN<br>9) ASD<br>10) WNTM<br>11) SQUAT<br>12) STANDARD PERFORMANCE OF ECDIS  | F1 |
| PANIGRAHI  | 16-NOV-22  | General Introduction<br>-Quote Rule 17 19<br>-RV situation (vessel 1 point on port bow & 1 vessel on stbd bow)<br>-Clear visibility (Normal crossing)<br>-Lights and fog signal Aground, Pilot and Anchored vessel<br>-Interco flags<br>-BPG (Brief and contents)<br>-IAMSAR (Not in depth)<br>-Transit bearing<br>-LRIT<br>-Celestial means of Position finding<br>-Taking over watch procedure<br>-Shallow water effects<br>-No publication and correction asked   | F1 |
| PANIGRAHI  | 21-SEPT-22 | Started with Introduction, Writens Cleared? Which Functions cleared?<br>- ALRS VOLUMES, NAME THEM, what all information found in each one?<br>- What is BPG, latest edition. Explain CONTENT<br>- How to correct ASD?<br>- ROTI Performance Standards<br>- ECDIS Safety Settings, Formulae<br>- IAMSAR, Contents of Volume 3, Explain Sector Search, Parallel Sweep Search, Difference<br>- Explain All Flags A-Z<br>- QUOTE RULE NO 5,6,7,8,9,10,17,18,19 (Couldn't completely Quote few Rules, but explained their Understanding).<br>- Explain All Available Means<br>- Explain Radar Characteristics and Limitations<br>- Ramark, Racon, difference.<br>- Difference between Passage and Safe Passage<br>- Types of Clouds<br>- Frontal Depression, TRS, Difference<br>- MOB in TSS, Action<br>- Turning circle each term Definition<br>- Track Reach, Head Reach, Crash stop<br>- Night Cards - Towing, NUC, Aground, Fishing, Trawler with Purse siene Gear, Pilot vsl, Dredger, Minesweeper, CBD, RAM.<br>-NORMAL SITUATION CROSSING<br>- Own vsl P/D, Aground Vsl ahead seen from Stbd, Action.<br>- Signals of Anchored Vsl, Aground Vsl, more than 100 m<br>- RV SITUATION - 2 VsIs, one on 10° Port bow, one on 10° Stbd Bow, Action<br>- RV SITUATION - RADAR INOPERATIONAL, VSL FOG SOUND FROM STBD QUARTERS, ACTION. | F1 |

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|-----------|------------|--|----|
|           |            | <ul style="list-style-type: none"> <li>-DAYTIME CARD - VSL with Cone upwards on Stbd</li> <li>-ANNEX 1,2 AND 4 in Detail</li> <li>-RULE 34</li> <li>-Part F Rule names</li> <li>-SQUAT EFFECT</li> <li>-BOW CUSHION BANK SUCTION EFFECT</li> <li>-STEERING GEAR TEST AS PER WHICH REGULATION</li> <li>-ECDIS Scamin and Look ahead Function</li> <li>-Why Long by Chron in Morning, Lat by Mer Alt in afternoon ? Procedure</li> </ul> <p>Internal and External say nothing, they add next participant and my meeting ends without any conclusion.</p>   |    |
| PANIGRAHI | 15-SEPT-22 | <ul style="list-style-type: none"> <li>- ALRS VOLUME NAME THEM</li> <li>- BPG CONTENT</li> <li>- RULE NO 5 (WHAT IS ALL AVAILABLE MEANS)</li> <li>- RULE NO 6, 19, 9</li> <li>- SITUTATION CROSSING NORMAL ACTION</li> <li>- RV SITUATION EASY ONE</li> <li>- ANNEX 2 AND 4</li> <li>- RULE 34</li> <li>- PART-F NAME ONLY</li> <li>- SQUAT EFFECT</li> <li>- STEERING GEAR TEST AS PER WHICH REGULATION (V/26)</li> <li>- ECDIS PERFORMANCE STD</li> <li>- SQUAT EFFECT</li> </ul>  | F1 |
| PANIGRAHI | 17-MAY-22  | <p>Passage planning. What is Admiralty Sailing Directions, what info we get?<br/>         From which ALRS Vol we get radio medical advice.<br/>         Bridge procedure guide - contents, explain.<br/>         Quote rule no. 17, 19, 34, 9.<br/>         All Flags meaning.<br/>         Crossing situation - own vsl stand on another pd crossing port to stbd<br/>         crossing situation - own vsl cbd another fishing vsl, clear visibilty, which sound signal to give as per which rule.<br/>         Which all rules apply in this above situation and taking action as per which rule.<br/>         some cross questioning. RV situation - one vsl comming down from 3 points on port bow another vsl overtaking from 3 points on stbd quarter. ROR cards - nuc and aground , mine clearance vsl. IALA maritime buoyage system, explain.<br/>         Isolated danger mark. Safe water mark. Bank Effect.<br/>         What is squat? How to plot posn using sun, calculation.<br/>         How to plot posn using polaris, calculation using pole star? ECDIS performance standards.<br/>         What is IAMSAR?</p> | F1 |
| PANIGRAHI | 17-MAY-22  | <p>Quote rule 17. Situation in RV. Route planning in ECDIS. Flags . card pilot vessel.<br/>         quote rule 9. how to reduce squat. how to plot posn using sun.<br/>         Lat by Polaris. Mine clearance vessel card.<br/>         situation in narrow channel CBD and FV. special circumstances with examples<br/>         crossing situation. annex 4.</p>   | F1 |
| PANIGRAHI | 9-FEB-22   | <ol style="list-style-type: none"> <li>1- Quote rule 9 , 19 ..He listened all of it .</li> <li>2- Fire in E/R - Action on Bridge</li> <li>3- Situation - Vessel crossing Port to Stbd action</li> <li>4- Same but restricted Visibility</li> <li>5- North Cardinal bouy right ahead ..action</li> <li>6- IAMSAR</li> <li>7- Diff b/w Safe water mark and Isolated Danger mark</li> <li>8- Passage planning in ECDIS</li> <li>9- MOB action</li> </ol>  | F1 |

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|-----------|-----------|---|----|
| PANIGRAHI | 8-FEB-22  | <ul style="list-style-type: none"> <li>-Transit bearing</li> <li>-Flags meanings</li> <li>-ECDIS performance standards</li> <li>-Bridge procedures guide contents &amp; use</li> <li>-Narrow ch rule 9 quote</li> <li>-Stand on vessel</li> <li>-Your CBD &amp; FV crossing action &amp; responsibility</li> <li>-safe water mark</li> <li>-occulting, ISO phase, flashing difference</li> <li>-crossing situation PDV port to STBD &amp; your PDV</li> <li>-PDV overtaking you now it's ahead of you &amp; crossing suddenly action</li> <li>-Position fixing by sun</li> <li>-MOB on STBD action</li> <li>-How will you seek radio medical advice?</li> </ul>   | F1 |
| PANIGRAHI | 5-JULY-21 | <p>Rule 6 &amp; 19 quote</p> <p>Situation Rule 15 - Own vsl p/d on a Northerly course another p/d vsl approaching from the port side on an easterly course, action in sequence</p> <p>Passage planning on ECDIS</p> <p>Safety contour</p> <p>No. of publications in ASD &amp; ALRS</p>  | F1 |
| PANIGRAHI | 12-FEB-20 | <ol style="list-style-type: none"> <li>1. Explain rules in own words, 2,4,6,7,8,10,18,19</li> <li>2. Ecdis in own words, limitations</li> <li>3. Iamsar vol 3, Annex 4 signals</li> <li>4. Dredger, mine clearance cards</li> <li>5. Rule 19 in detail, errors of echo sounder</li> <li>6. Why failed last time</li> <li>7. Action on grounding</li> </ol>  | F1 |
| PC BISWAS | 19-DEC-22 | <ol style="list-style-type: none"> <li>1. You are in clear visibility, as per which rule both vessels are giveaway?</li> <li>2. What action will you take as per this rule?</li> <li>3. Now there is a shallow patch on your stbd side what action will you now take?</li> <li>4. Quote rule 17c</li> <li>5. Showed Trawler card, north cardinal card, Fishing veseel card.</li> <li>7. Asked Flags D and U , morse code and meaning.</li> <li>6. What is Flashing, Quick flashing and Very quick Flashing lights</li> <li>7. Quote rule 21 (f)</li> <li>8. What is anamoulas propagation of radar</li> <li>9. What is performance standards for HBW</li> <li>10. What is temperature inversion</li> <li>11. How will radar propagation be affected by temperature inversion</li> <li>12. Why is Ecdis called a dual fuel system</li> <li>13. When will you use RCDS mode</li> <li>14. What is the duration of one short blast and one prolonged blast, where is it given, Quote rule 32</li> <li>15. Safe water mark and where is it found and all characteristics.</li> </ol> | F1 |
| PC GOSH   | 18-MAY-22 | <ul style="list-style-type: none"> <li>&gt; Started wid ror, cbd head on action, which rule, and who is give way.</li> <li>&gt; CBD definition (which rule) lights, sound signal.</li> <li>&gt; Situation wd Finshing v/l overtaking action and who is give way thn confusing in 18 and 13.</li> <li>&gt; situation 2 pd crossing one from port one from stbd action</li> <li>&gt; Lights fishing v/l using purse seins gear, gear extending 150 m., sound signal and shapes.</li> <li>&gt; conjunction and opposition of moon/ planet.</li> <li>&gt; spring and neap tide.</li> <li>&gt; elongation on venus and thn mercury ( i was not able to ans that ).</li> <li>&gt; fishing v/l sound signal thn which letter ~i answered [ D], thn morse code of D, then meaning.</li> </ul>   | F1 |

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| PC MEENA | 13-DEC-22  | <p>1. A vessel 3 point on your stbd bow both side lights and masthead light visible ..you need to maintain cpa1 mile as per master standing order. action ?</p> <p>2. You are voyage from US to france crossing North Atlnt. You have chart permit for 100nm both side of your chaeted track..150 distress coming ..master decided to deviate vessel..who will you ordee chaets immediately to come....you dont have paper charts</p> <p>3. Vessel dont detect on radar RV stbd quarter ...fog singal increasing action..as per which rule.</p> <p>4. CbD approaching port FV crossing. Action and tell which all rules will be applide in a sequence..Also quote all parts. How many met areas we have..in which area india is? Who seng met warnings.</p>   | F1 |
| PC MEENA | 10-AUG-21  | <p>What is ROR?</p> <p>When it came in force in India</p> <p>Sound signals intensity &amp; frequency</p> <p>Height above the hull, some ships have higher decks in forward, is it above that deck?</p> <p>Vertical sectors are for all lights(sidelights, stern/towing)? Or only masthead lights</p> <p>Pilot signal and given in which rule. Which paragraph?</p>  | F1 |
| PC MEENA | 4-AUG-21   | <p>overtaking suitation</p> <p>Towing light</p> <p>3 vessel u r osc ..</p> <p>How will u do parallel sweep search.</p> <p>Draw Diagram and in detail explain</p>  | F1 |
| PC MEENA | 11-NOV-19  | <p>1. Difference in rule 6 and rule 19</p> <p>2. 19.B What saying. . .</p> <p>3. Situation with FV (Right ahead) . .</p> <p>And crossing situation with 2 PD vessel. Soo much of cross questioning in this two situations.</p> <p>4. All about ur manoeuvring characteristics, turning circle, advance , tactical diameter . . .</p> <p>5. Contents of pilot card</p> <p>6. How to do correction of digital publication.</p> <p>7 . What is 133c. How to use it ,how is look like ( 133c n digital publication his fav que ,he will ask u to explain it clearly)</p>  | F1 |
| POS WAL  | 21-NOV-23  | <ul style="list-style-type: none"> <li>- started with the same question again, rules applicable in RV</li> <li>- Fog signal range for vsl 100</li> <li>- Vsl aground fog signal</li> <li>- If main engine failed, what all light will you switch on and switch off while making way and while stopped</li> <li>- What all vessels do not exhibit anchor lights ( I said fishing, trawling and NUC but he was not satisfied)</li> <li>- Situation: PD vessel following 000, one vessel ahead on reciprocal course, one more vsl overtaking on stbd beam, what action according to which rule?</li> <li>(2 short blast wide alteration to port acc to Rule 2(b))</li> <li>- important factors to note in passage planning</li> <li>- Ecdis most important alarms</li> <li>- routeing charts</li> <li>- Wind rose information</li> <li>- CATZOC</li> <li>- IAMSAR volume 3</li> <li>- Expanding square search</li> </ul> | F1 |
| POS WAL  | 20-SEPT-23 | <p>Lights for vessel engaged in towing</p> <p>Fog signal of pilot vessel at anchor</p> <p>Aground vessel fog signal</p> <p>What is towing light?</p>  | F1 |



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| PRAMOD       | 21-NOV-23 | <ul style="list-style-type: none"> <li>- Asked which rule gives us leeway to deviate from other rules. Quote</li> <li>- What does Rule 2 mean. Proper explanation</li> <li>- When will you call master</li> <li>- 3 important factors in determining safe speed</li> <li>- What all rules applies in RV. (I said 19 and 35) he said from where have to done pre sea and who taught you, you should repeat it. I got confused. I needed to say Part A and Part B section I also.</li> </ul>   | F1 |
| PRAMOD       | 2-NOV-23  | <p>Define vessel, NUC CBD, safe speed. Rule 6 operational radar quote and full explanation. Rule 8c why we always prefer alt of course rather than speed.</p> <p>Rule 19e quote. Annex 4 full. Dredger and fishing vl Anchor light.</p> <p>Wheel house poster. ICS and INTERCO mandatory publication as per?</p> <p>Planning full details. Take over watch.</p> <p>Steering failure. RH fixed propeller effect on turning Circle.</p> <p>Your gyro is showing 5deg high.</p> <p>Principal of GPS. min how many satellite for position fix ( 2 as per him ).</p> <p>Situation - 1 one vls is head on ,other abeam of you doing parallel co action.</p> <p>2- Fishing vl ahead of you action as per which rule.</p> <p>No cards no Flag.</p> | F1 |
| PRAMOD       | 3-OCT-23  | <p>How to determine safe speed if vsl has operational radar</p> <p>Any constraints by range scale... explain</p> <p>Rule 7 part d</p> <p>Scanty info .... explanation</p>  | F1 |
| PRAMOD KUMAR | 15-NOV-19 | <p>Crossing, overtaking, RV situations.</p> <p>Fog signal heard on stbd bow radar working by cannot detect on radar action.</p> <p>GPS principle, Factors affecting turning circle</p> <p>Squat and interaction</p> <p>Distance btwn vertical lights in RAM lights and shapes,</p> <p>RAM vsl at anchor lights</p> <p>Pivot point, ships routing,</p> <p>Aground vsl fog Signal, TRS</p>   | F1 |
| RAANGANATHA  | 13-OCT-21 | <p>Gc sailing. W cardinal mark.</p> <p>Rules 2/ 5/ 7/ 9/ 10. Which all vessel can use inshore traffic zone?</p> <p>One vessel crossing from STBD to port in TSS ur action.</p> <p>Vessel aground day /night signal.. Action.</p> <p>How to transfer from GC to MC? Advance / tactical dia / Transfer.</p> <p>How do u know u enter shallow water? What is all available means mean?</p> <p>Light signal for fishing vessel at anchor.</p>  | F1 |
| RAJESH       | 9-JUNE-23 | <p>Annex 1 disch criteria, Mach. Cargo both, Angle of loll, Cornn,</p> <p>Weak link, How life raft will launch automatically? Sopep. Tpc.</p> <p>What fire fighting medium on board bulk carrier accomodation cargo space?</p> <p>How foam extinguishes fire? What is smothering? Wha is cpr?</p> <p>5 imo conventions</p>   | F1 |
| RAMAN        | 2-NOV-23  | <p>1.Region A , Region B Main difference</p> <p>2.You are approaching port in region A Doing 270° you will have which lateral mark on stbd side, which cardinal mark on port side ..</p> <p>3.name 5 star</p> <p>4.how will you teach your cadet about stars If he asked</p> <p>5.2cards Nuc, Trawler</p> <p>6.RV you see a vsl right ahead which side you will overtake?</p> <p>7.same 6thquesn one for port side alteration stbd side alteration what signal you will use</p> <p>8.5 reporting ponits like Jasper ,amver..what reporting points you have reported in your time..and how ?</p> <p>9.barograph errors</p> <p>10.true wind and apparent wind when they will be same</p> <p>11.responsibility btwn vsls</p>                  | F1 |

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|             |            | <p>13.how u will determine vsl is overtaking or crossing</p> <p>14.Tss vsl right ahead ?</p> <p>15.how to determine Roc?</p> <p>16.in name any port it's channel a vsl is sinking ? As a scnd off what u will update in your ecdis?</p> <p>17.Psco?Port state control officer it's</p> <p>18.reports you are sending to inspires ..explain what you have done onboard and observed from 2nd mate?</p> <p>19.compass error methods ?</p> <p>20.what all you have done practically onboard.. explain in own words he will be staisfied..but he will easily make out if have done or not onboard..</p>  |    |
| RANGANATHAN | 18-AUG-23  | <p>1. Rule 3 definitions</p> <p>2.Great circle complete passage planning procedure including type of chart to use</p> <p>3. light and day shape for a Sailing vsl of length 65 meters propelled by machinery</p> <p>4. Vsl aground at 6M .Action ,light and fog signals and day shape</p>  | F1 |
| RANGANATHAN | 16-SEPT-22 | <p>Quote. 10a, 7d, 6, nuc, 2b and their understanding.</p> <p>Safe water mark. Aground vsl ahead action, day and night, rv signal.</p> <p>Sailing vs 2 point port bow action as per which rule. Sailing vsl on 2 point stbd bowB action.</p> <p>Error of aneroid barometer. How u correct it ( index error)?</p> <p>Fishing vsl at anchor lights. South Cardinal mark action when seen.</p>  | F1 |
| RANGANATHAN | 24-AUG-22  | <p>Basic introduction like Presea, company an all.</p> <p>Then external took over, Leading light. So many cross questions like light, angle an all.</p> <p>Then head-on situation which all rule will apply?</p> <p>Then shallow patch added in that situation.</p> <p>Then 3 4 crossing situation port crossing then stbd crossing.</p> <p>Then in restricted visibility same situation. Aground vsl light and fog signal.</p> <p>He asked me 2-time same question I don't know why.</p> <p>Flag uniform and Morse. Bow suction and interaction between vsl.</p> <p>Shallow water effect. Then in Mallaca Strate Singapore what you'll check to take over watch.</p> <p>What does that mean of 3 green lights in west bound to east bound?</p>  | F1 |
| RANGANATHAN | 7-JULY-22  | <p>Passage plan - 4 stages. What is safe speed explain and quote.</p> <p>Rule 6, Rule 9,10, How to join and leave TSS?</p> <p>How to cross? How to overtake in Narrow channel?</p> <p>Rule 34 sound signals, Rule 35 - Aground vessel sound signals.</p> <p>Safe water mark, Isolated danger mark, South cardinal buoy.</p> <p>Leading lights, When to call master? How to take over watch?</p> <p>Rule 13, Rule 19, Duration of short and prolonged blast.</p> <p>How you will know you are in shallow water? Shallow water effects – I explained all.</p> <p>Squat, smelling ground, bow suction, banking effect.</p> <p>CBD definition. Echo sounder principal, errors.</p>   | F1 |
| RANGANATHAN | 9-MAY-22   | <p>Sextant formula... which principle... Correction details...</p> <p>Rule 5 (all available means). Rule 6 (each point. Explain). Situations.</p> <p>Mine clearance in tss right ahead .....</p> <p>Isolated danger buoy in head on .. Shall patch in stbd CBD in head-on..</p> <p>Narrow channel which side you are on and ... Stbd side vessel coming down action .....</p> <p>Aground vessel ahead action ....( I said 2 short 1 prolonged he straight away said wrong) .</p> <p>Enc corrections. Rcds and vcds. Types of enc. Contents of WNM.</p> <p>Contents of alrs</p> <p>Metrological equipment types ( weather facsimile paper dimensions which type of paper)</p> <p>Which instrument uses thermo sensitive papers</p> <p>Tld and trs difference</p> <p>Rule 20 why .. sunset to sunrise....is it mandatory to switch on light...</p> | F1 |

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| RANGANATHAN | 13-OCT-21   | you are PDV, clear visibility, open sea, all equipments working.<br>One vessel is over taking you from port quarter,<br>one from STBD quarter, one vessel is right ahead of u,<br>one on 3points on STBD bow,<br>one on 2points on port bow. Your action?   | F1 |
| RAVINDRA    | 18-AUG-23   | 1. 4 flags and meaning (Y 9 S 2nd substitute)<br>2. Vessel 2 points on port bow mast head lights and side lights seen, action<br>3. Asked about all buoys<br>4. Rv, vessel on port bow, radar operational, action<br>5. 8-10 ror cards<br>6. Asked all shapes<br>7. All fog signals for vessels<br>8. Why v correction for planets and moon<br>9. Obliquity of ecliptic<br>10. Conditions for 24 hours day and 24 hrs night<br>11. Iamsar volume names and which carried by ships and contents of that volume<br>12. BPG contents   | F1 |
| RAVINDRA    | 21-JULY-23  | Started With Flags, Buoys, Day Shapes, Lights.<br>Then Opened PPT of situations.<br>Started asking Action and sound signal if in RV.<br>Crossing and Head on Situations.<br>Then Started asking definitions - Pivot point, Buys bulloy laws.  | F1 |
| S. B. KUMAR | 2-FEB-23    | How will you correct ECDIS? Guard zone in ECDIS.<br>Info in wheelhouse poster.<br>Which mode will you prefer in radar and why- north up, course up or head up?<br>You r joining on a ship, how will you get to know that what are the navigational Equipments onboard and where r the details of it? Mob action. Cards- mine clearance, aground, pilot vessel. You see one white light what are the possibility?<br>Situation one vessel on 1/2 pointer on stbd bow and one vessel on stbd beam at 3 miles having same speed on parallel course, action?<br>Situation one CBD vessel crossing from Port to stbd and you r a pd vsl who is give way and stand on and action? How will you correct ASD?<br>Meaning of distress, urgency and safety. What is your company UKC policy?<br>Advance, turning circle, conjunction, opposition, quadrature.<br>Quote rule 18. Details of routeing chart.<br>You joined the vessel and you see previous officer is using 2020 routeing chart what you will do and can it be done? (In mob action I skipped inform master). | F1 |
| SABARJEET   | 11-APRIL-22 | - Created a situation that YOU ARE THIRD OFFICER CARGO HAS FINISHED How will you go about the Bridge Preparation and Calling Pilots.<br>- Wheel House Poster, Pilot Card Content.<br>- Control Testing.<br>- AIS<br>- ECDIS PPI<br>- Chart what all info.<br>- What is Safe Speed<br>- Rule 6 In very detail<br>- How to determine safe speed<br>- Buoys<br>- TSS Preparation<br>- RV Preparation<br>- Very Basic Situations<br>- Lights of All Vessels 23-31<br>- All publications basics.<br>- Solas Ch. V pilot ladder requirements.<br>- Situational Awareness<br>- Assertive communication   | F1 |

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|            |             | <ul style="list-style-type: none"> <li>- Squat</li> <li>- Pivot Point</li> <li>- Bank Suction/Caution</li> <li>- UKC Company requirements</li> <li>- How you calculate UKC</li> <li>- Manning Levels</li> <li>- Annexes 1-4 BASIC ONLY.</li> <li>- Duties as per Rule 18</li> <li>- Radar Tuning</li> <li>- Equipment's As per Ch.V</li> <li>- How you will ensure you are following passage plan.</li> <li>- What are the points you mark on chart.</li> <li>- ECDIS Updates</li> <li>- AIO</li> <li>- WNTM</li> <li>- Chart Corrections and ASD corrections.</li> <li>- Routine Charts</li> <li>- How &amp; why will you keep a lookout?</li> </ul>   |    |
| SABYASACHI | 12-DEC-23   | <p>what is your understanding of lala? Almost all lala cards, their lights.<br/>         What areas are under region B? What buoy you expect to sight earliest when you are approaching a port after deep sea passage?<br/>         ROR cards covering almost every type broadly (11-12 cards).<br/>         Counter questions in most of them. Ror situations - tell action and list all the rules applied.<br/>         Narrow channel overtaking (you are duty off in the vsl to be overtaken).<br/>         RV one vsl crossing Stbd to port one on Stbd quarter (vsl on Sq has less speed).<br/>         TSS pdv crossing you. Counter questions from almost everything.<br/>         What is your understanding of rule 2. Define safe speed.<br/>         What's your understanding of crossing a narrow channel and a tss as per rule 9 and 10.<br/>         Errors of echo sounder. Define Pythagoras error. Define GPS segments.<br/>         Who all are entitled to receive Irit data.</p>  | F1 |
| SABYASACHI | 8-DEC-21    | <p>What is transverse thrust<br/>         You are in region B and coming out of channel how will you pass red coloured buoy<br/>         Errors of sextant ,how will you calculate index error<br/>         Fog signal of NUC (which rule, which part of rule)</p>  | F1 |
| SAGAR      | 29-APRIL-23 | <ol style="list-style-type: none"> <li>1. Passage planning( over view didn't go deep)</li> <li>2. Requirements of publications to carry ( he wanted iamsar manual, bpg, interco apart from all NPs).</li> <li>3. Cel nav basic definitions.</li> <li>4. merpass, ex meredian,( what do we get and meanings)</li> <li>5. More definitions related to cel nav regarding moon.( Didn't know some of them, he didn't bother.)</li> <li>6. Publications.( Alrs parts, iamsar volumes.)</li> <li>7. Inspires ship reportings, AMVER.</li> <li>8. Nautical flags and meanings. Including their Morse code 10-15 flags including numerics and others.</li> <li>9. Cards 10-15 ( day, night, iala. Basics only.)</li> <li>8. Ror situations very basic.</li> <li>9. ror, some sound signals, anchored vessel, TSS, nc. ( I fumbled on very basic things he knew I know the answer and gave me second chances.)</li> <li>10. Ship handling, turning circle, crash stop, zig zag maneuver, pivot point ( during anchor, ahead astern.)</li> <li>11 transverse thrust due to which reason, what to refer for that.</li> <li>12- deviation card( meaning, how to obtain, how do you get deviation of compass apart from dev- card.- answer from compass error log by obtaining true heading and applying errors and variation.)</li> </ol> | F1 |

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| SAGAR   | 20-JAN-23   | <p>Started with cards (IALA Region A/B, DAY/NIGHT CARDS) 8 cards from each section</p> <p>ROR situations</p> <p>In TSS A vssl crossing From Stbd to Port ROC exist action?</p> <p>Same situation (above) crossing from port to Stbd</p>  | F1 |
| SAGAR   | 6-MAY-22    | <p>1 south cardinal, Isolated danger.</p> <p>Aground Vsl length 120 m fog signal. NUC light and shape.</p> <p>Ram light and shape, TRS,</p> <p>Wreck headon action, Cbd crossing port.</p> <p>Crossing stbd cbd action.</p> <p>Overtaking situations with pd vsl.</p>  | F1 |
| SANTOSH | 13-MAY-22   | <p>Introduction... which ships you've sailed on</p> <p>Explain ROR, how many rules .. names of all parts.</p> <p>Quote Rule 9, 13, 17, 19 and explain</p> <p>Flags... asked too many with their meaning and morse code also.</p> <p>situations -</p> <ul style="list-style-type: none"> <li>- in narrow sailing vessel crossing from port and NUC from starboard action</li> <li>- Pd vsl on stbd bow and shallow patch on stbd beam action</li> </ul> <p>ROR cards 5-6. Lights and shapes - pair trawling, purse seine FV, NUC at anchor etc.</p> <p>will you wait for confirmation every time before overtaking?</p> <p>Route planning in Ecdis. How you will access publications in it?</p> <p>What information is provided by ASD, SHIP'S ROUTING GUIDE.</p> <p>ALRS volume names. What happens if GPS fails?</p> <p>WNTM all sections and what day it is received normally?</p> <p>Explain all the turns... which is preferred during RV and why?</p> <p>What is pivot point? Pivot point of ship at anchor, when moving ahead?</p>   | F1 |
| SANTOSH | 8-FEB-22    | <p>Coasting India lots of fishing traffic at night what action (look out, safe speed...etc).</p> <p>Diff between FV &amp; trawler lights making way &amp; at anchor.</p> <p>Singapore strait port and STBD 2 vessels crossing action (check CPA, TCPA, inform master, VTS, reduce speed even if I'm stand on for one assuming she's not acting let both cross I'll slow down till then).</p> <p>Arrival port M/E failure, shallow patch near about, master is not available temporarily take action.</p> <p>Still M/E failure n suddenly dense fog, rain.</p> <p>Now port decided to send you tug for assistance and pilot what fog signals for both vessels.</p>  | F1 |
| SANTOSH | 26-APRIL-21 | <p>Sketch of steering gear system</p> <p>Buoyage cards.. Lateral, preferred channel to port ( both region).</p> <p>Rule 15 Situation.</p> <p>1. own vessel is a pdv , target vessel is on ur port bow action?. Answer.. First check aspect.. Then determine roc exist or not.. If exist to attract the attention.. Still she is not taking action... As per rule 17 .. Take action.</p> <p>2. own vessel cbd on stbd bow nuc vessel action..</p> <p>Answer I said determine roc exist or not.. If exist.. Inform master.. Then he asked me wat is ur action.. I said as per rule 18 d I'll take action.. Speed should be reduced or take all her way off.</p> <p>Passage planning in winter..</p> <p>Nuc, cbd vessel lights..</p> <p>Wat is ship reporting system.. Answer I said.. Ship reporting means information should be gather, collect and exchange.. then he asked to master candidate.. We're it is written.. He did nt answer.. So question passed to me.. I said in Solas chapter 5 reg 7..</p> <p>Then he asked about INDSAR, inspire, AMVER.. Is it mandatory or not... I said indsar is mandatory for Indian vessel... Forging vessel it's recommended..</p> <p>LRIT, VDR, Equipments for polar water, Pinciple of AIS.</p> <p>ROR annex 1 .. Spacing of lights.</p> <p>Difference between MRCC and RCC.</p> <p>What is VTS? Mob action as a duty officer..</p> <p>How to test EPIRB, SART?</p> | F1 |



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|           |             | Final question in fun 1 .. He asked about star sight.. How will u take.. When will u take.. Which twilight u will use.. I said end of nautical twilight and beginning of astronomical twilight..<br>Graphical representation of star sight..   |    |
| SANTOSH   | 13-NOV-19   | RULE 14, 19 quote, Situations, CBD vessel (day n night signals ),<br>RAM vessel ( day and night signals ) ,<br>vessel dragging anchor action master and mate ashore,<br>vessel aground , disabled vessel ,<br>vts and vtms , LRIT , AIS ,<br>ECHO SOUNDER .  | F1 |
| SANTOSH   | 7-NOV-19    | Self introduction. What is status till now of my exams?<br>Busy man, IAMSAR patterns how to approach? How to call in that situation?<br>Same questions because i done wrong in AIS & LRIT explanation. Mob action<br>Main engine failure action. Fog signal.<br>Distress signals. Sight calculation.<br>Sight fix how will u get.<br>Different ror cards & cross questioning nice guy..<br>Too much work for him he calling in then out. Straight forward speaking god man.  | F1 |
| SARABJEET | 12-APRIL-22 | Departure bridge preparation. Rule 19 explanation. How to prepare ship for RV?<br>Rule 18 explanation. Rule 6 explanation.<br>Factors affecting safe speed. When will you call master?<br>Steering gear test requirements as per Solas. Passage plan and it's features according to Solas. Squat. Shallow water effects.<br>Master-Pilot info exchange. East cardinal buoy.<br>How to verify own ship position? Difference between NUC and RAM.<br>Objectives of keeping a watch as OOW.<br>Importance of master's standing orders and night orders and the difference between them<br>Action if u receive distress signal.  | F1 |
| SARABJEET | 12-APRIL-22 | 1. Departure port on bridge checks<br>Radar failure action<br>2. Steering test regulation 26 solas<br>3. Pilot arrangement regulation 23 solas<br>Taking pilot to bridge from safe route<br>Your role in embarkation of pilot<br>4. Master standing order content and objective of it Buoy not sighted action?<br>5. Calling master<br>6. Restricted visibility how to determine<br>7. Safe speed<br>8. UKC company policy and values<br>9. Squat very basic<br>10. Passage plan<br>11. Tide table calculation<br>12. Buoys rapid fire<br>13. Emergency and contingency<br>14. Emergency anchorage<br>15. Lights and some simple situations involving NUC ram and CBD<br>And few more mostly operational questions regarding navigation nothing to quote just wants to see the understanding of the concepts | F1 |
| SARABJEET | 10-MAR-22   | <ul style="list-style-type: none"> <li>You see a white light, what is it?</li> <li>Main engine failure, action.</li> <li>Asked about NUC Vol. What lights it show &amp; whom (cases ).</li> <li>Your vessel is about to depart from part (Jetty). Master tells you to prepare the bridge. How will you do it?</li> <li>Route of your previous Vol (I said – India → Brazil)</li> <li>Then he asked about PP. I started with appraisal then planning. In planning stage he asked about abort point, point of no reaction, WOL, WOP and how to mark WOP.</li> </ul>  | F1 |

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|          |            | <ul style="list-style-type: none"> <li>3 or 4 situation (crossing &amp; headon)</li> <li>You are going to join a TSS in RV. What precautions you will take and how will you do it?</li> <li>PD vsl have to keep out of the way. For which vsl. I told him about 18 (a). Then he asked what about CBD, then I told him about 18d(i).</li> <li>Pilot in on board. Your duties and what is the first thing you will do when Pilot comes on bridge and</li> <li>What is that procedure called</li> </ul> <p>Asked about main features of ECDIS, BNWAS, AIS (&amp; its type), VDR, RADAR.</p>  |    |
| SARIN    | 21-FEB-23  | 1. RV one VSL on stbd bow RO Action ?<br>Rule 19 who is Give way/ Stand on ?<br>How much alteration ? why ?<br>2. you are OOW E/R called and said no Engine for 2 3 hours action ?<br>3. Weather Fax  | F1 |
| SB KUMAR | 7-JUNE-22  | 1.How to identify TRS<br>2.Nav warning received action<br>3.False EPIRB alert cancellation<br>4.Ecdis safety setting. Diff between safety depth and safety contour. Draft 10m what will be safety contour and safety depth.<br>5.Advance<br>6.Tactical Dia<br>7.crash stop<br>8.dredger not in operation lights<br>9.nuc day<br>10.an ground day<br>11.dredger day<br>12.vertical separation btw NUC light<br>13.range of sound signal as per annex 3<br>14.tidal stream<br>15.situation<br>1.Vessel on half point on stbd bow<br>2.vsl on half point on stbd bow and vessel on parallel course on stbd<br>3.vsl at 4 points with both side lights<br>4. ov cbd tv pdv crossing from stbd.. Which is stand on and give way<br>2. As a 2nd off where will you get information on nav equipments on newly joined vsl.. Form E under seq | F1 |
| SB KUMAR | 19-JUNE-23 | 1. Ships done & Company last sailed with?<br>2. Pilot Vessel Card<br>3. Towing Vessel Card<br>4. Lights & day signal CBD Vessel<br>5. SHA & RA<br>6. Errors of Echo Sounder<br>(Asked how you will identify the type of the error) asked to explain Pythagoras error<br>7. ALRS Volumes<br>8. ECDIS Safety settings<br>9. When you will call Master?<br>10. MOB Action?<br>11. Aground Vessel Lights<br>And some more basic questions   | F1 |
| SB KUMAR | 10-NOV-22  | Basic Introduction<br>1. Passage Planning in detail<br>2. Roueting Charts in detail<br>3. ASD<br>4. Received Nav Warnings how to plot manually on ECDIS<br>5. Tidal stream and from where we get information<br>6. 10-12 Day and night cards<br>7. FV overtaking OV from Stbd quarter and after 2 hours ROC who is Giveaway<br>8. CBD crossing from Port to Stbd<br>9. NUC,RAM,CBD lights and shapes  | F1 |

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|          |            | <p>10. What is T&amp;P notice and how to correct ENC?</p> <p>11. Means of sending Distress Alert</p> <p>12. IAMSAR</p> <p>13. Annex 2</p>  |    |
| SB KUMAR | 26-SEPT-22 | <p>What is passage planning? Execution.</p> <p>What are errors of echosounder? How to know whether chart is updated in ecdis?</p> <p>What is difference between hand steering and nfu? Autopilot controls?</p> <p>What all bridge equipments to be need in ships bridge ( first i told Solas chapter 5 ..he told no..it shows only the general requirement.</p> <p>Then i told form E..then he told right. How often we change the magnetron?</p> <p>I told as per manufacturers requirement but he told no). How to start a radar?</p> <p>Then few day shapes with cards (). He want his sufficient key Answers</p>   | F1 |
| SENOY    | 3-FEB-21   | <p>Limitations of ECDIS</p> <p>ASD correction</p> <p>Taking over bridge watch</p> <p>Chart correction</p> <p>1-2 symbol</p> <p>Pyrotechnics on bridge</p> <p>Publication on bridge</p> <p>How to prepare muster card</p>   | F1 |
| SHARDA   | 21-FEB-24  | <p>Define safe speed. What is CQS? Tss crossing stbd to port action.</p> <p>Vsl on 2 points on stbd action side light and mast head light visible.</p> <p>Head on action. What is WrWW? What is routing chart? Info in routing chart.</p> <p>Which dist is given in routing chart? How will u stop vessel whT is stopping distance?</p> <p>Anchor vsl fog signal.Safe water mark description.</p> <p>On which side u will keep safe water mark entring on channel.</p> <p>2 red lt. 1 white lit. Card. Did u took sight.</p> <p>What is the alt. Of sun in morning sight? What is LRIT? Towing light for PDV.</p> <p>Rule 6b. What is characteristics of radar? All turns.</p> <p>Explain anderson turn. Rules under RV.</p> <p>What is back scatter? What is chart datum?</p> | F1 |
| SHARDA   | 24-JAN-24  | <p>1. safe speed</p> <p>2. Characteristics of radar</p> <p>3. How to determine close quarter situation</p> <p>4. In tss , pd vessel crossing from stbd to port action?</p> <p>5. Head on situation in sight of one another and in rv?</p> <p>6. Operation of yaw control in auto pilot</p> <p>7. Ror cards 2 red light and 1 white light action?</p> <p>8. Details of routeing charts</p> <p>9. Details of prognosis chart</p>   | F1 |
| SHARDA   | 19-OCT-23  | <p>Safe speed, Rv which all rules apply, Cylinder diameter, Sound range,</p> <p>Passage planning mumbai to Singapore, South cardinal bouy,</p> <p>Tss ship approaching bend sound single, 2 vessel doing parallel course roc exits or not,</p> <p>What is cqs, Nuc lights n day signal, South cardinal bouy lights,</p> <p>When to call master, Bosphorus strait crossing what all thing you consider while crossing through it</p> <p>Lrit, Lrit range, Ais range, Smelling of ground, Squat effects,</p> <p>Critical rpm, Mallaca Strait engine failure action.</p>  | F1 |
| SHARDA   | 27-OCT-22  | <p>What is critical RPM?</p> <p>What are abnormal waves in southern south African waters?</p> <p>What is safe speed? What are factors determining safe with operation radar?</p> <p>What are the characteristics of radar?</p> <p>What is VBW and how much and why?</p> <p>What is HBW and how much and why?</p> <p>What should be the altitude of sun when taking morning sight (upto 15°)?</p> <p>Why 15°? When will you take amplitude of sun?</p> <p>What is semidiameter? Shown aground nuc card.</p>   | F1 |

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|        |            | <p>What is sound signal of aground vessel?</p> <p>What do u mean by two short and one prolonged blast?</p> <p>2-3 situation one of TSS and others don't remember?</p> <p>What do u mean by ample time and positive action?</p>  |    |
| SHARDA | 21-OCT-22  | <p>1) What does rule talk about the safe speed?</p> <p>2) What are the additional requirements by the vessels with operational radar?</p> <p>3) What are the characteristics of Radar equipment?</p> <p>4) What is the value of HBW and VBW?</p> <p>5) What do you understand by constraints imposed by the radar range scale in use?</p> <p>6) What do you understand by backscatter of her own light?</p> <p>7) What all information do you get from Wheelhouse poster?</p> <p>8) How many turning circles are there in wheelhouse poster and of what conditions?</p> <p>9) What are the factors that will effect the safe manoeuvring characteristics of your vessel?</p> <p>10) What is Squat?</p> <p>11) How will you determine wind speed and direction from surface prognosis chart?</p> <p>12) What all information do you get from routeing charts?</p> <p>13) What does the rules say about when does the risk of collision exists?</p> <p>14) Sailing vessel crossing you from stbd to port in Narrow channel take action?</p> | F1 |
| SHARDA | 18-OCT-22  | <p>ROR terms. Scanty info meaning. Difference between making way under way.</p> <p>Impeding and keeping clear. Passage and safe passage. Meaning of positive action and ample time. Quote rule 2b 19d 19e rule 6. 7d 8c 8b.</p> <p>Sound signal of pilot vessel fishing vessel at anchor. Ram vessel. Vessel aground.</p> <p>Lights of two red and a white.. NUC and aground both possible ...action.</p> <p>Your course 000° north cardinal mark ahead action.</p> <p>Situations. TSS pd crossing stb to port action.</p> <p>Vessel 2 point stbd bow . can see her both side lights and mast head light action.</p> <p>How much you will alter when you see vessel head with masthead light and side lights..</p> <p>He wants to listen a number but never say number..say rule 8b and 8c.</p> <p>LRIT. EWMB how do you recognize in fog. WGS. Routing chart routes. Chart datum.</p> <p>Gyro error.. how to calculate by celestial method? Coriolis force. Isobars. Isallobars.</p> <p>Azimuth. Altitude.</p>                           | F1 |
| SHARDA | 14-JULY-22 | <p>Define safe speed, Safe speed rule. CBD vessel 4 points on the stbd bow roc exist.</p> <p>Rule 8, be positive made in ample time and with observance of good seamanship.</p> <p>CBD lights, Anchor lights, Aground lights, NUC lights.</p> <p>How to calculate wind from weather chart :- geostrophic scale.</p> <p>direction of the wind:- buys ballots law. Geostrophic wind, Rescue maneuvers.</p> <p>Sound signals some simple ones. What is backscatter of our own lights.</p> <p>how will check the precision of the chart. factors determining the vessel maneuvers.</p> <p>What is close quarter situation? What is safe water mark?</p> <p>Where you will keep the side the safe water mark in the channel?</p>   | F1 |
| SHARDA | 13-JUNE-22 | <p>Started with introduction name, CDC no, Indos no.</p> <p>Sharda (full rapid fire)</p> <p>1-What is safe speed,</p> <p>2-What is stopping distance,</p> <p>3-6b,</p> <p>4- what is radar characteristics,</p> <p>5- what is vbw, hbw,</p> <p>6- why so much difference</p> <p>7- What is scanty information ,</p> <p>8- Vsl on 3pt on stbd bow mast nd side It visible action</p> <p>8- How will u join TSS?</p> <p>9- Tell me rule 8</p> <p>10- What is positive action means</p> <p>11- What is back scatter of own light</p> <p>12- Pilot vsl sound signal</p> <p>13- Wwnis explain</p> <p>14- How will find wind speed from prognosis chart</p>   | F1 |

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|--------|------------|--|----|
|        |            | <p>15- Action of stand on vsl as per 17.</p> <p>16- alarms in ECDIS</p> <p>18- have uh took morning sight i said yes what all correction uhh will apply to sextant</p> <p>19- which rules applicable in RV</p> <p>20- chart datum</p> <p>21- EWMB how will uh identify in RV</p>   |    |
| SHARDA | 7-FEB-22   | <p>What all ships done? Run of ur vessel, cargo carried?</p> <p>Passage planning ECDIS which charts we use.</p> <p>Rule 6. Back scatter of own lights.</p> <p>Additionally with operational radar points. Characteristics of radar.</p> <p>Vbw and hbw, why how much difference in values of both.</p> <p>Explanation of 6b2. Risk of collision how will you determine.</p> <p>Scanty info. ROR card two red lights with one white light below action.</p> <p>Prolonged blast duration. Rules applicable in RV.</p> <p>Range all round white light. Audible range of sound signal.</p> <p>Emergency wreck marking buoy. Safe water mark and which side to pass.</p> <p>Routing charts info. Wind rose how many in routing chart.</p> <p>Weather facsimile what all info u get. Surface analysis chart.</p> <p>Surface prognosis chart, how will determine wind speed and direction in that?</p> <p>Yaw control. WWNWS. LRIT. At what distance flag state can ask. Critical rpm.</p> <p>Maneuvering characteristics on bridge. How many turning circles are there in WHP?</p> <p>Mob maneuvers. Long by chron or intercept. What all corrections in sextant altitude?</p> <p>Parallex, when max and min. Min alt to take sun sight.</p> <p>Squat, how to know vsl experiencing squat?</p> | F1 |
| SHARDA | 14-AUG-23  | <p>Introduction.</p> <p>What is safe speed?</p> <p>How much stopping distance?</p> <p>What is backscatter of own lights?</p> <p>What are characteristics of radar equipment?</p> <p>What is constraints of radar range?</p> <p>What is scanty radar information?</p> <p>Towing vsl lights?</p> <p>Range of all round lights as per length</p> <p>Aground vsl fog signal</p> <p>Ewmb</p> <p>How will we know ewmb in Restricted visibility</p> <p>Rule applied in RV</p> <p>LRIT and it's range in coastal state</p> <p>What is chart datum</p> <p>How will you correct the position fix on ecdis ( diff gps and chart datum correction)</p> <p>Head on situation...how much wide alteration and why</p>  | F1 |
| SHARMA | 3-APRIL-23 | <p>ROR, Ram definition, Nuc definition</p> <p>Ram lights shapes. Nuc lights shapes. Cbd vsl shape</p> <p>How will takeover navigation watch.</p> <p>You are on vsl A and vsl B crossing from stbd to port who is give way who is standon and action? Structure of ror.</p> <p>Which rules apply in restricted visibility??</p> <p>You r vsl in rv observe target on radar on stbd bow and acquired it it will show some data is that reliable? You got data cpa 0 tcpa 20 min action to be taken?</p> <p>You are in comgested waters engine failure action</p> <p>Does rule 15 crossing situation permits u to alter to port or not if yes where it is stated if no where it is stated. Rule 35. Sound signal for aground vsl.</p>   | F1 |
| SHARMA | 31-OCT-22  | <p>How many frequencies in AIS? What are all frequency in AIS?</p> <p>What for 2 balls in Magnetic compass? Compass error?</p> <p>Methods of taking compass error? You are alongside can u take compass error?</p> <p>What is Squat? In Deep water squat will occur?</p> <p>What is critical rpm? Where u will find critical rpm?</p> <p>Different btw Williamson turn and scharnov turn?</p> <p>You are in TSS, MOB action. Do u take turns for MOB in TSS?</p>   | F1 |



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|        |            | You are CBD vl, SV passing from stbd to port action.<br>Efficiency of Radar? Performance standards of Radar?   |    |
| SHARMA | 6-SEPT-22  | <p>1. You are officer on bridge, night time, visibility deteriorating, what action u will take?<br/>When u will consider restricted visibility?</p> <p>2. RV, Your heading 000°, other vessel brg 105°, collision exist, take action?</p> <p>3. TSS, your heading 090°, vsl brg 135°, action? ( I said overtaking situation, so he interrupted no u r wrong, it will be on on ur 4 point stbd, I got confused, actually he interpreted it wrong but at the end of oral he realised that by that time it was too late 🤔 ) I got confused and made mistake.</p> <p>5. Define NUC, light, day signal, dimensions of day signal, range of light?</p> <p>6. Define CBD, light, day signal?</p> <p>7. Seen CBD overtaking u, whose responsibility?</p> <p>8. South cardinal mark description, where u will keep ur vsl?</p> <p>9. Your heading 000°, vsl brg 045°, seen both masthead and side lights, action?</p> <p>10. Squat? Depends on which factor? How u will reduce it?</p> <p>11. Shallow water effect, action?</p> <p>12. Routine chart?</p> <p>13. AIS transmits which all reports?</p> <p>14. Information from wheel house poster?</p> <p>15. Tactical diameter?</p> <p>16. Navigating in Congested area, what action u will take?</p> <p>17. U r in traffic lane, steering not working, action?</p>           | F1 |
| SHASHI | 9-APRIL-21 | <p>CARDS 5, DREDGER N TRAWLER LIGHTS separately.</p> <p>WHAT IS HAULING NETS? seen?</p> <p>ROR WITH SITUATION want explanation first and take action. vessel on stardboard bow action? changed and said lights are visible side light masthead head .</p> <p>Now vessel WITH CPA 1M a tion?</p> <p>WANT TO HEAR ACTION BY COMPANY POLICY AND MASTER STANDING ORDER.</p> <p>You should have taken action early.</p> <p>ECDIS LIMITATIONS n safety parameters with alarm.</p> <p>RADAR LIMITATIONS.</p> <p>Where you will find all equipment details?</p> <p>TYPES OF TURNS ,? want to hear all 4 or 5.</p> <p>HOW YOU LL UPDATE NAVTEX WARNINGS IN ECDIS?</p> <p>ALARM IN ECDIS</p> <p>ALARM IN AUTOPILOT AND CONTROLS . HOW YAW CONTROL WORK.</p> <p>GUARD ALARM IN ECDIS ? where? Wheel house poster.</p> <p>REQUIREMENT OF ECDIS ?</p> <p>IF BOTH ECDIS FAIL.? Action</p> <p>WHAT U FIND IN SMS ?</p> <p>Something take me home chart. if u dnt have chart secondary.</p> <p>Intensity of lights.</p> <p>VESSEL LIGHTS REQUIREMENT? Vessels visibility of lights?</p> <p>How Weather routine help in passage planning?</p> <p>How u'll receive meteorological msgs and what all equipment. on bridge?</p> <p>Critical RPM, crash turn, Anchor terminology, manoeuvring characteristics.,</p> <p>Details found?</p> | F1 |
| SHENOY | 10-NOV-23  | <p>1) Showed West cardinal buoy. Identification and lights.</p> <p>2) Showed Region B, Preferred channel to port mark, identify.</p> <p>3) What is safe speed? Factors to determine?</p> <p>4) How to overtake in narrow channel? Sound signals?</p>   | F1 |

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| SHENOY   | 18-JAN-23   | Safe speed? What factors to consider?<br>MOB at sea action in chronological order?<br>Passage planning in detail?<br>Shown a RAM card, action and day shape and it's vertical separation between them?<br>Shown West Cardinal mark, it's characteristics?<br>What is Quick flashing light? Very quick flashing light? And some more ques.   | F1 |
| SHENOY   | 21-NOV-22   | What is safe speed not Quote rule<br>How will u determine position fixing interval<br>Passage plan all info<br>Marking on passage plan<br>Where u get detail of anchor shackles?<br>Easy situation  | F1 |
| SHENOY   | 4-MAR-22    | All Cardinals marks<br>Isolated danger mark<br>Safe water<br>Lights Rydhym color top mark shape of each mark<br>What is isophase and occulting?<br>Advantages of ECDIS (repeated)   | F1 |
| SHUKLA   | 11-MARCH-20 | Quote rule 6,8 10. What do you mean by constraints by radar?<br>Fv NUC/ aground. Trawler shooting nets.. South cardinal buoy.. Region A preferred channel to stbd. What do u mean Isolated danger mark? Contents of ROR.. Index.<br>Fog signals of buoy? ASD contents. What publications do you use while doing passage planning? How to know that fog bank is approaching? What is IAMSAR?<br>Sextant side errors. What are those screw called for correction? What are the contents in Whp? What is crash astern? Critical astern.<br>What action you will take when you see red star in the sky?<br>He wanted some distress poster action in it. How to approach and how he will come to know?.<br>Which vsl has yellow lights? How many flashes in air cushion vsl and pursue seine gear??<br>How will you find gyro error? How to prepare for lb lowering. Like duties for them. | F1 |
| SHUKLA   | 7-MARCH-20  | Rule - 5, 6, 8, 13, 19.<br>Def – NUC. 3 cards- towing, NUC and aground.<br>Limitations of ECDIS. What do you means by any constrains imposed on radar range scale in use. Few cardinal buoys and their restricted visibility sound signal<br>Contents of annual summary of NTM. Contents of WHP.<br>Rhythm of isolated danger marks light. How many times yellow light is used in ROR.<br>Rhythm of yellow light in purse in gear. IAMSAR volumes and search pattern.<br>Passage planning. Types of charts & their corrections. Difference between t & p notices<br>MS notice. What all the equipments available on voluntary ship for weather reporting?<br>What do mean by Ranging and phasing. Error of echo sounder.  | F1 |
| SIKARWAR | 22-FEB-24   | 1. Ask have u read the ror?<br>2. Ask Rule 18(stopped in b/w)<br>3. Right ahead sailing vsl, who will keep clear? As per which rule?<br>4. Same above vsl in tss, now who will keep clear? As per which rule?<br>Ans- she should not impeding my `safe`` passage as per rule 10j and if she is impeding my passage then I'll keep clear as per rule 18a(i don't know ans is right or wrong but he said ok)<br>5. What are the condition that master will write on standing order when to call master?<br>6. What information u will require as a oow from wheel house poster? (Wants to hear stopping distance)   | F1 |
| SK KUMAR | 4-JAN-24    | 1. NUC definition<br>2. How will you determine RV<br>3. Cards NUC, fishing, two white lights, trawler, pair trawling (was happy with the cards)<br>4. Passage planning in detail<br>5. How will you differentiate between aground and Nuc ( I told the difference in lights)<br>Twisted the Q you are 5nm away from the vessel, now how will you determine? (I said AIS status) was happy with the answer.<br>6. Passage planning in detail.  | F1 |

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|            |           | 7. Monitoring in detail<br>8. T&P correction<br>9. Both ecidis failed action<br>10. Diff between AIS A and AIS B<br>10. Freq of AIS<br>12. Situation: 1 Pd v/l 1/2 point stbd bow, 1 stbd beam, open sea action.   |    |
| SK DAS     | 16-NOV-23 | VSL Dragging anchor. Vsl aground.<br>Vsl aground lights and fog signal. Fishing vsl at anchor lights.<br>Pilot vsl at anchor lights.   | F1 |
| SRINIVASAN | 10-AUG-21 | Rules 6,13,14,15,19. 1 overtaking in RV.<br>Asd how to update and what to write on index?<br>Ecdis, scamin,CATZOC,AIO, Safety settings. Angle of loll.<br>GPS failure. Admiralty Tidal stream.   | F1 |
| SRIVASTAVA | 22-OCT-22 | How to make Passage planning?<br>Fog signal of aground vsl<br>Rule 13. Rule 5.<br>List all available means.<br>What is close Quarter situation.<br>Explain all Distress signal<br>Rule 37. According to Rule 18 Responsibility.  | F1 |
| SRIVASTAVA | 4-AUG-21  | 3-4 cards, Rule 5/6/14/15/10<br>How to make deviation card?<br>Search patterns (understanding).<br>Difference btw indsar/inspires. And relative/true motion.<br>Action by OOW.<br>- collision<br>- steering gear failure<br>TRS, Buys ballots law, Gyro errors, Annex 4 ( all )<br>Sound signal for pilot vessel/ aground<br>Many cross questions on variation and deviation     | F1 |
| SRIVASTAVA | 3-AUG-21  | 3-4 cards, Rule 5/6/14/15/10.<br>How to make deviation card?<br>Search patterns (understanding). Difference btw indsar/inspires.<br>And relative/true motion. Action by OOW.<br>- collision<br>- steering gear failure<br>TRS. Buys ballots law.<br>Gyro errors. Annex 4 ( all ).<br>Sound signal for pilot vessel/ aground.<br>Many cross questions on variation and deviation. | F1 |
| SRIVASTAVA | 8-FEB-20  | 1) Errors of echo sounder<br>2) Mob on stbd side action<br>3) Ror 5,13,6,19,2,3<br>4) search patterns and formula for s in search pattern<br>5) passage planning   | F1 |

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| SRIVASTAVA | 8-FEB-20  | Rule 5 ,6<br>Errors of echo sounder.<br>Safety settings of Ecdis.<br>Anchor vsl fog signals.<br>Fog signal interval.<br>Power driven vsl fog signal interval. And what is fog signal.<br>Annex 4   | F1 |
| SRIVASTAVA | 7-FEB-20  | 1) ECDIS safety settings<br>2) North cardinal buoy description<br>3) ROR 5, 13.<br>4) Use of hygrometer.<br>Why we require dew point?  | F1 |
| SRIVASTAVA | 15-NOV-19 | *Rule 5,6,13,19<br>*How does hygrometer work?<br>*Safety features in ECDIS ?<br>*Annex-4<br>*Permitted Colors At day and at night in ECDIS as per S-52 ?<br>* Buy's Ballot Law<br>* Lights for NUC and Aground<br>* MOB immediate action and Delayed action<br>* Williamson Turn, also when and why?<br>*All IAMSAR search patterns, when and why and how?<br>*How is parallel indexing don't on ECDIS?  | F1 |
| SRIVASTAVA | 7-SEPT-19 | Alarms on ECDIS<br>Rule 5, 6, quote. What is rule 41 and what is the purpose of this rule and what do they verify?<br>What is hygrometer? Use of hygrometer.<br>Purpose of taking due point temperature.<br>What is crash stop? On what basis you will give medicine to the casualty.<br>If one crew came to you and said that he has pain in chest, what you will do and which medicine you will give. What are duties if 3rd officer?<br>How will you take over watch? What all things you will check? | F1 |
| SRIVASTAVA | 7-AUG-19  | No cards no situations. Rule 5 6 13 annex 4. Iamsar search patters. Anchor fog signals. Aground lights. Advnc transfer. Aframax fully loaded vsl..how much time to turn 90*.<br>(i cudnt answr). Mrcc Onscene coordinator. Radio medical advc. Duties of nav officer   | F1 |
| SUDHIR     | 7-OCT-20  | 1. ROR cards 10-15<br>2. When to call master<br>3. How to Update old charts<br>4. Update charts on ecdis<br>5. All meteorological instruments on bridge<br>6. Making way and underway difference<br>7. Lateral and Cardinal marks and their applications<br>8. Types of fire extinguisher<br>_(He's very particular about ROR cards he needs it to be exactly precise, although he's lenient with remaining theory)_   | F1 |
| SUNDARAM   | 9-DEC-19  | But then changed during the last minute.<br>Asked folks around said he is a new surveyor<br>Name is Opnuv. (Tall and dark)<br>- what is rational horizon<br>- How many types of horizon are there<br>- What is ground and sea stabilised<br>- If the arpa stops working how will you get cpa<br>- Show a brief way of finding out. He wasn't a to hear owa triangle.<br>- Crossing situation   | F1 |

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|          |           | <ul style="list-style-type: none"> <li>- What is relative and true vector. How does it look on a radar ppi</li> <li>- Our ships course is north and a vessel to my NE. And she is doing 270. Kinda crossing situation.</li> <li>- Show relative and true vector. (Will make you draw a radar ppi and show, they way you show is going to determine test questions )</li> <li>- How you will you know if roc exist or no if arpa is not working</li> <li>- If roc doesn't exist then what will you do to maintain company cpa.</li> <li>- He spoke in English and Hindi. I could not make sense of his questions.</li> <li>- So eventually he decided that I was focusing on company's requirements of cpa and not colregs.</li> </ul> |    |
| SUNDARAM | 14-OCT-19 | <p>Emergency stop what will happen to engine and in engine room</p> <p>Distress signal. 90-px. 90-zx. SHA.</p> <p>Critical RPM. Hunting gear. RV situation.</p> <p>When to take a sun sight?</p>  | F1 |
| SUNDARAM | 5-AUG-19  | <p>Renewal of COC</p> <p>Sailing vessel overtaking fishing vl in restricted visibility whose responsibility</p> <p>Date of amendments of new rules ( plz put answers)</p> <p>Navigation lights on in restricted visibility which rule</p> <p>Rule 34 what it says</p> <p>Difference of ROC &amp; close quarter situation</p>  | F1 |
| SUNDARAM | SUNDARAM  | <p>Japan, Germany, Philippines IALA regions</p> <p>Aground vsl 100mtrs or more fog signal</p> <p>Defn- NUC, CBD</p> <p>Difference btwn crash stop nd emergency stop</p> <p>What do u mean by TAWO</p> <p>Quote rule 19.d</p> <p>Isogonic lines on charts</p> <p>Horizontal parallax in sext alt</p> <p>Wreck symbol</p> <p>U see a cylinder wt kind of ship it is.</p> <p>Fishing vessel finish fishing and going to port what lights and shape she will show</p> <p>Easterly course east cardinal buoy right ahead and easterly course west cardinal buoy right ahead action</p> <p>I am a power driven vsl and overtaking NUC vsl who is give way.</p>  | F1 |
| SURINDER | 5-FEB-21  | <p>Gyro, inputs in gyro</p> <p>Catzoc, scamin, few situations, few cards,</p> <p>Safety settings in ecdis</p> <p>Vsl draft 11m squat 1m what will be safety depth,</p> <p>Limitations of radar,</p> <p>ECDIS performance standards.</p>   | F1 |
| TAPAN    | 25-OCT-22 | <p>Thick fog, you hear 1 prolonged blast fwd of ur beam, what will be ur action.</p> <p>(Do mention call master, i said will check if roc exist, n if so, alter course to stbd, he said wrong)</p> <p>When will u call master</p> <p>Few cards (he was goin in dept of each card)</p> <p>IALA cards</p> <p>How will u check the accuracy of info on enc. (Catzoc)</p> <p>What do u mean by comparing compasses</p> <p>What all info you feed manually on gyro.</p>  | F1 |
| TAPEESH  | 23-FEB-24 | <ol style="list-style-type: none"> <li>1. Two allround Red light and one white light right ahead identify, action and how to its a aground vsl</li> <li>2. Ram towing light, trawler lights</li> <li>3. Box compass from N to W</li> <li>4. Nuc and Ram quote and what is submarine cables</li> <li>5. Amplitude and when to take, theoretical sunrise condition</li> </ol>   | F1 |



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|        |             | 6. Under way and Making way difference<br>7. Three vessels one right ahead, one 4 point stbd bow , one four point port bow action<br>8. How do you know your charts are up to date<br>9. How do you know which ASD to use<br>10. Passage planning Chennai to Singapore<br>11. CATZOC<br>12. ECDIS Safety settings<br>13. Shallow contour formula<br>14. Difference between static and dynamic Draft   |    |
| TAPESH | 13-DEC-23   | 1.why long by chron is taken in morning and importance of long by chron<br>2.Mer pass<br>3.How to calculate chronometer error<br>4.if overcast sky merpass not possible how will u take sight<br>5.How to prepare emergency muster list and how will master approve it.<br>6.Action to be taken on case of grounding<br>7.Safe navigational watch at sea<br>8.What do u mean by compass compared<br>9.technical details of shapes<br>10.lights n shapes<br>11.Boxing of compass from S to E<br>12.Different method of position fixing   | F1 |
| TAPESH | 23-AUG-23   | How to identify west cardinal buoy without top mark its light?<br>SD N PD meaning chart symbol.<br>Symbol for wreck non dangerous, flood and obstruction with 4.5m by wire sweep.<br>One white light sighted at 2 pt on stb bow What will you do.<br>Fog light n day shapes for NUC RAM AGROUND FV PILOT VESSEL.<br>Gyro error. Leading light. India in which nav area n total nav areas.<br>Indsar reporting,where u get information, whom u report.<br>How u know anchor dragging. Gmdss tests.<br>Some light n shape specifications. | F1 |
| TAPESH | 13-APRIL-22 | Structure of ROR and all parts with rules<br>Part F in detail 39 40 41 explanation<br>Annex names<br>Again start with a random rule number with their name<br>Confused me a lot<br>Again comes to name Rule name 37 and Annex 4 same name confusion.  | F1 |
| TAPESH | 11-MAR-22   | In RV as per which rule you will give Fog signal and Fog signals of all vessel<br>RV, what rules applicable<br>Annexes 1 and 4 - wanted to know how many distress signals<br>Can you fix posn on ECDIS using one visual bearing and one radar range<br>ECDIS errors - i didn't answer this one properly,<br>You have just picked up Anchor, master has some work to do, he asked you to do a short turn to STBD and leave the anchorage, how will you do?   | F1 |
| TAPESH | 4-DEC-21    | All sound signals<br>1 green light right ahead possibilities (total 2)<br>2 simple situations<br>Iamsar volumes<br>Meteorological equipments<br>Explain barograph<br>Parts of ROR<br>In RV which rule will does not apply (section 1)   | F1 |
| THAKUR | 5-NOV-19    | Situation overtaking and crossing.<br>Safe water mark. ROR cards. Passage planning ecdis and paper chart.<br>Publications. Calculate when you will take action .. ov speed and head on vsi speed given.<br>What is the meaning of ample time? Distance table how to refer<br>Routeing charts content.<br>Annex 4 and the distress signals.  | F1 |

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| TOPNOV  | 13-APRIL-21 | <p>Cards: 8-9</p> <p>Situations:</p> <p>1) vsl on 3 pt stbd masthead n sidelights visible take action</p> <p>2) head-on situation and NUC overtaking from stbd</p> <p>3) vsl in narrow channel, headon situation and a vsl crossing from port to stbd take action and quote rule 9</p> <p>4) Isolated danger mark right ahead narrow channel take action.</p> <p>Cross questioned a lot and wanted to know actions as per which rule.</p> <p>What is IAMSAR, contents and how many search patterns? Wanted to know exact number.</p> <p>What is a nav area? How many nav areas are their and uses?</p> <p>Buys ballot law. DALR. ASD contents and how to correct?</p> <p>Chart not corrected since 2 yrs how to do?</p> <p>Routeing charts and when they are published.</p> <p>Squat. What do you mean by taking all way off?</p> <p>Again showed 2-3 cards. Tide tables, what are primary and secondary ports and how do you calculate tide of secondary port tell whole process n how many volumes.</p>   | F1 |
| TOPNOV  | 10-SEPT-20  | <p>1. At what intervals lifeboat fall wires are changed?</p> <p>2. What checks you carry out in lifeboat?</p> <p>3. South cardinal buoy ?</p>   | F1 |
| TOPNOV  | 9-SEPT-20   | <p>Own ship co 000</p> <p>Spd 6 kts</p> <p>Target co 270</p> <p>Spd 6 kts</p> <p>How it will show on radar in RM</p>  | F1 |
| UNKNOWN | 22-MAR-23   | <p>Define, NUC vessel. Sailing vessel,</p> <p>How to overtake in narrow channel,</p> <p>Can we use Vhf in narrow channel, In. NC,</p> <p>IF you have sounded, sound signal,</p> <p>Vessel to be overtaken is not responding,</p> <p>How would you contact?</p> <p>Where in Rule, 10 it says, Who is stand on and who is give way?</p> <p>Situation, Pd vessel crossing pd vessel in TSS, action.</p>  | F1 |
| UNKNOWN | 4-MAR-23    | <p>1. What is Bernoulli theorem and what its related to Ship</p> <p>2. What is permeability and formula?</p> <p>3. Kepler all law and formula</p> <p>4.phase of moon</p> <p>5. Condition to Circum polar body</p> <p>6.True Zenith distance pzx triangle and Great circle vertex deep</p> <p>7.GPS failure which position fix will preferred in Ocean</p> <p>8.IPS For Radar PRF?</p> <p>9. Video amplifier requirements and phosphorus coating principles</p> <p>10.Quote Rule 35,37,41</p> <p>11. How will you change magnetron in Radar</p> <p>12.what is obliquity?</p> <p>13.SHA and Siderial Day value?</p> <p>14. In TSS you are over taking Sailing vessel suddenly change wind close quarters situation develop which law will you use for 3 second to find relative wind (i said buys ballot law</p> <p>15. Code your name in Morse code</p> <p>16.which current in Ocean was Strong ?</p> <p>17.ECDIS Interface requirement and who will make standard</p> <p>18. Water Density at what level will reach maximum level</p> <p>19.Angle of loll and formula</p> | F1 |

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| UNKNOWN | 20-FEB-23 | 1) How will you obtain compass error full procedure<br>2) What are isogonic and agonic lines<br>3) How will you obtain information of light house situated in Eastern coast of India<br>4) Card 2 red light and white light ( I told about NUC not about aground so he told u r not prepared with ror and started with F2)   | E1 |
| UNKNOWN | 13-JAN-23 | 1- how to take over watch.<br>2 - situation in narrow channel head on also one CBD aft stbd quarter action<br>3- no card shown<br>4 - no iala<br>5- 2 more situation<br>6 - nuc light, towing light<br>7 - chat symbol<br>8 - blind sector of side light for fwd<br>9 - pilot vsi light and fog signal<br>10 - what is verbal order<br>11 - sound signal in RV on stbd quarter closing action<br>12 - sound signal in RV on stbd bow closing action  | E1 |
| UNKNOWN | 24-NOV-22 | Company, Type of Ship<br>1. Taking over nav watch at day<br>2. Entries in deck log book<br>3. Meaning of compasses compared, courses checked<br>4. How to determine compass error<br>5. Squat, formula<br>6. Shallow water effects<br>7. TRS basic, signs of TRS<br>8. Equipment used in meteorology<br>9. Passage Planning what all publication<br>10. Sailing direction, information correction<br>11. Information on chart, Leading light<br>12. Limitations of Radar, Different type of contour setting on ECDIS<br>13. Catzoc, Scamin, alarms<br>14. Solas chapter 5<br>15. Mon overboard in TSS, action<br>16. If LRIT will work in area A4, name.<br>17. Cards both day and night (AGROUND, TOWING, NUC, CARDINAL, ISOLATED, PREFERRED CHANNEL).<br>18. Head on situation what will be your action. I said i will give 1 short blast and alter to Stbd the he said as soon as you altered to stbd you see a shallow patch on stbd now what (rule 2)<br>19. Gave me a situation in which my vessel was near an area of RV and wanted me to quote 19d<br>20. Which rule says about not to impede<br>21. Search patterns, Sector Search<br>22. S-57, S-62. | E1 |
| UNKNOWN | 21-OCT-22 | Quote Rule 10 a and explain the meaning.<br>Situation u r in TSS and one vessel is crossing stbd to port who is give me way and stand on vsi? What is catzoc?<br>How u vl number ENC charts?<br>What is ur company ukc policy?? And<br>If u r in port alongside will u experience squat?? What is squat??<br>At how many miles u vl consider its a restricted visibility?<br>In BPG how many miles they hv mention for restricted visibility?<br>What is isolated danger mark? How u vl identify isolated danger mark on ecdis?<br>What is sound signal for anchored vessel? Aground vessel sound signal?<br>Which all rules apply for RV?<br>U r on bridge its 2200 time there is no stars its cloudy and there is no vessel in visibility how u vl know that u r in restricted visibility? Wer u vl get weather information?<br>How to get weather information on EGC?<br>What is the range for sound signal?  | E1 |

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|         |           | <p>I told 2nm he asked me this is for whistle? Or bell??</p> <p>What are the contents for wheel house poster?</p> <p>What is turning circle? What is crash stern? advance requirement?</p> <p>Tactical diameter requirement. Advance is 4.5 and tactical is 5</p>   |    |
| UNKNOWN | 4-AUG-22  | <p>Started with how will you identify pilot vessel in fog</p> <p>What is new danger</p> <p>What is isolated danger mark</p> <p>You are approaching Japanese port seen red light right ahead in composite flashing action ?</p> <p>What is topmark for lateral marks</p> <p>Rhythm for safe water mark</p> <p>How will you identify west cardinal mark at day without help of top mark</p> <p>Types of buoy</p> <p>Interval for prolonged blast in fog for pilot vessel</p> <p>Various chart symbols such as benchmark wreck which is not dangerous to surface navigation, sounding obtained by wire sweep and many more difficult ones can't recognise</p> <p>How to calculate tidal stream atlas</p>   | E1 |
| UNKNOWN | 6-JULY-22 | <p>1) Fog Signal NUC and action (card)</p> <p>2) Towing vessel Card, fog signal and action (card)</p> <p>3) NUC card fog signal and action (card)</p> <p>4) ram vessel fog signal and action (card)</p> <p>5) ASD</p> <p>6) ALLFS</p> <p>7) where to get information of ads, which volume to use?</p> <p>8) Amplitude when u take</p> <p>9) Amplitude Azimuth</p> <p>10) compass error and how to calculate</p> <p>11) Isogonic, Isobars</p> <p>12) annex 4</p>   | E1 |
| UNKNOWN | 20-MAY-22 | <p>Ships done</p> <p>What happened last 2 times ?</p> <p>1. Quote rule 9. I said I can't quote word to word but can explain in a very nice manner. He was not happy first but fully satisfied after I explained it elaborately.</p> <p>2. Itz who all can use? When can u use?</p> <p>3. When in TSS engine failure where do u prefer to anchor?</p> <p>4. Head on situation action? * What if there is a shoal in stbd side.</p> <p>6. Vsl coming up from more than 112.5 what situation?</p> <p>7 vsl coming up from exactly from 112.5 what is the situation?</p> <p>8. What is cbd?</p> <p>9. Cbd in TSS FV crossing from STBD action?</p> <p>10. Sound signal for anchor vessel in fog?</p> <p>11. Main engine failed what are the lights u put off and what are the lights put on immediately? And what all lights u put off when the vessel stop completely? Day signal?</p> <p>11. Mob in rv which manoeuvre? And full action? Expected the vhf distress signal and msg to alert the ships nearby.</p> <p>12. 2 sailing vessels having wind on same side who is give way?</p> <p>13. Rv vessel on stbd bow? Who is give way? And action?</p> <p>14. Rv 1 vessel Port bow and another vessel stbd quarter? What action and which rule ?</p> <p>15. Gps position how will u determine the accuracy? Gdop he expected. How will u set gdop alarm? Reference value?</p> <p>16. AIS limitation? 1. Wrong data, 2. master can put off, 3. Not all vessel carry ais. Wanted all 3 points.</p> <p>17. Squat? Depends on? Formula? Where all u can find the value of I don't have formula?</p> <p>18. U r overtaking a vessel and u want to cross it what rule ? and who's responsible ? and at what range u will cross him? Roughly?</p> <p>19. Catzog? Symbol? Max how many stars? What is u catzog?</p> <p>20. Rough weather? How will u determine?</p> <p>21. Passage plan what all publications u will use.</p> | E1 |

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|         |           | <p>22. What is mfag?</p> <p>23. There is a fire in a cabin u r responsible for boundary cooling . How would u approach?</p>   |    |
| UNKNOWN | 10-MAY-22 | <p>Abort Point. Crash Stop. Horizontal Sextant Angle. Man overboard Action.</p> <p>Best maneuver for man overboard in dense fog, advantages and how</p> <p>Expand Square Search and how to do? Advance. Tactical Diameter.</p> <p>Squat. Vsl collided, action. Rule 19-d. VSL at berth, overcast how to take compass error?</p> <p>Gyro error. GDOP. Bow Cushion. Rule 6. Rule 34. Safe speed in RV.</p> <p>Range of sidelights of p. d VSL greater than 50m. Pseudo buoy.</p> <p>CARDS-(NUC/ Aground / Preferred Channel to STBD / Mine Clearance VSL (2 cards) / Trawler). Vessel engaged in Fishing at anchor.</p> <p>Barometric tendency. Situation: 1 NUC crossing and 1 Sailing VSL also propelled by machinery at exact 22.5° abaft beam.</p>  | F1 |
| UPPAL   | 2-JAN-24  | <p>Ror structure. Part F. Who conducts the audits?</p> <p>Who's audit is conducted? Deeply in part F , Safe speed.</p> <p>Limitations of Radar, Factors governing safe speed, How to use Star Finder,</p> <p>How to take compass error using celestial observation,</p>   | F1 |
| VAZ     | 10-MAR-21 | <p>Annex 1 full....all vertical separation in debt...he want all words Nlt,higher,below,atleast...etc</p> <p>Intensity of lights. Cut off Sector of sidelights..it's intensity.</p> <p>Vsl less than 150m fog signal hearing distance.</p> <p>What do u mean by height above the hull how it's measured...what is upper most continuous? deck is it measured from deckline...what about timber vsl who has raised poop deck.</p> <p>Sailing vsl rule in detail.</p> <p>Which rules apply to sailing vsl...what does it tells. Sailing vsl situations.</p> <p>What is root cause analysis?</p> <p>Manouvering light...how do u use it what are the requirements?</p> <p>RV rules in brief....fog signal of making way and underway.</p> <p>What is the difference btw dem...</p> <p>In rv where is it mentioned u can't alter yo port and for which vsl u can.</p> <p>How do u define overtaking in rv...</p> <p>How will u come to know u r overtaking a vsl inoperational radar both.</p> <p>Ok now u decided not to overtake ...u tawo and freq increased...and port bow u hear fog signals of two vsl and stbd side two fog signal of two vsl...what will u do...fog signal inoperational and radar inopt...u already took tawo...ok now astern propulsion but still u r doing some speed how will u avoid the risk of collision... Again annex 1 about sidelights separation.</p> <p>Why in sailing vsl rule..the wind to the port side of the vsl has to keep clear...why not stbd...</p> <p>What is barometer? What is barometer dip? What if pressure is dropping?</p> <p>How u know TRS is developing and how is it approaching? Where u can't use buys ballots law? Diurnal range.</p> | F1 |
| VAZ     | 18-OCT-19 | <p>Rules of section 1,2 &amp; 3</p> <p>None were direct questions.</p> <p>No situations, no cards.</p> <p>He wants to see your understanding of the rules and wants you to connect all the dots between the sections. A lot of Cross questioning.</p> <p>Will rule 19 apply when you sight the vessel or a light just less than 1 mile?</p> <p>Ans - yes rule 19 still applies because restricted visibility is a general term and not to be used for one to one situations.</p> <p>Also too many cross questioning to check if you stay confident with your answer.</p> <p>How will you determine risk of collision in r.v</p> <p>(He wants to hear all available means)</p> <p>I answered Radar, Ais, sound signal, VHF.</p> <p>He said I missed out one, he didn't tell me the answer.</p>   | F1 |



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|              |           | Annex 1 few questions  |    |
| VENKATSWARAN | 13-MAY-22 | <p>Rule 2 explains (I quoted the rule and explained in phrases he was happy with that)</p> <p>Understanding of word good seamanship. Rule 18 explain and diff. Between rule 18 and 9,10 and 13. CBD def. About 10-15 situations mostly on rule 18 and rule 10 Explain.</p> <p>How to update enc? How to order charts? T and P corrections and how it displayed in Ecdis.</p> <p>Passage planning on Ecdis basic points but specific. GPS working and error.</p> <p>Ecdis safety setting. MOB action. All about Radar and Arpa and setting.</p> <p>Situation on Radar and actions. Clearing bearing and clearing range.</p> <p>How to calculate gyro error you are in watch in 4 to 8 and which method to use.</p> <p>Explain procedure for Amplitude method.</p> <p>What necessary things required to calculate? (I made a mistake and i forgot the formula surveyor was angry with this and same question was again asked by internal then I ans the same I said the formula then said ok 😊 and continued).</p> <p>You are on pilotage watch what all setting you check in Radar.</p> <p>Explain PI technique.</p>  | F1 |
| VERMA        | 7-SEPT-22 | <ul style="list-style-type: none"> <li>-GMDSS situations receiving distress alert action?</li> <li>-How to relay distress alert</li> <li>-How to send undesignated distress alert n what all it contains</li> <li>- In details lights and shapes</li> <li>- Situations</li> <li>- You are in a narrow channel fishing boat crossing stbd to port action</li> <li>- same situation TSS</li> <li>- which all rules apply in RV</li> <li>- can we overtake in RV</li> <li>- RV situations overtaking, Action</li> <li>- NUC vessel crossing from Port to stbd</li> <li>- NUC and ram difference, Audible range n frequency of whistle.</li> <li>-light visibility criteria</li> <li>- you are in TSS main engine failure</li> <li>- gyro failure action</li> <li>- critical rpm</li> <li>- follow up and NFU: what is telemotor</li> <li>- VDR and SVDR</li> <li>-Wheel House poster; pilot card details, Northeast monsoon n south east monsoon.</li> <li>- Auto pilot failure action</li> <li>- some morse codes and distress signals</li> <li>- Annex 1 - vertical and horizontal sectors criteria</li> <li>- IALA buoyage randomly bt he covered all of them</li> <li>- TRS</li> <li>- ECDIS safety settings and performance standards</li> </ul> | F1 |
| VERMA        | 12-OCT-21 | <p>First asked about Type of ship done, company name , from where presea training done.</p> <p>Passage planning in ECDIS. Contour settings, CATZOC.</p> <p>Sector vector. ECDIS performance standard.</p> <p>IHO presentation library. IAMSAR search pattern.</p> <p>Solas chapter 5 all content. Rule no 8 and rule no 19 explain in own word.</p> <p>Radar performance standard. Radar limitations.</p> <p>Sound signal of pilot vessel, Aground vessel, Anchor vessel.</p> <p>Annex 1 shapes requirements. Situation: one PD vessel on 4 point stbd bow is visible and one. vessel on port quarter not visible.</p> <p>Risk of collision exist with both vessel action.</p> <p>Bridge procedure guide content.</p> <p>Wheel house poster content.</p> <p>How will you take watch from 2/0.</p> <p>Anchor dragging action.</p>   | F1 |

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|-------|------------|---|----|
|       |            | Vsl on port quarter only hear sound signal action.  |    |
| VERMA | 3-AUG-21   | <p>Started w ECDIS</p> <ol style="list-style-type: none"> <li>1. CATZOC</li> <li>2. Safety setting</li> <li>3. Ecdis carriage requirements</li> <li>4. Ecdis fails in middle of pacific - action</li> <li>5. What is IHO presentation library</li> <li>6. Action in collision</li> <li>7. Eqn of time</li> <li>8. What is nutation</li> <li>9. Flags - G, Z, U</li> <li>10. Fog signal - aground, anchor, pilot vsl, RAM vsl</li> <li>11. You are CBD and have another CBD head on - action?</li> <li>12. You are PD and have a PD on stbd bow which is constantly increasing and decreasing speed such that sometimes CPA is passing ahead and sometimes astern - action?</li> <li>13. Stbd bow one vsl crossing clear visibility and one overtaking from port quarter not visible – action</li> </ol>   | F1 |
| VERMA | 6-APRIL-21 | <p>Errors of echo sounder, Situations, Cards.<br/>Flags, Radar limitations. ECIDS safety settings.<br/>IHO presentation library. Wheel house poster.<br/>Shallow water effects tactical diameter. TRS.</p>  | F1 |
| VERMA | 9-SEPT-20  | <p>crossing situation, reducing CPA , at what point you will take action as stand on ( he wants us to take action when 6-7 miles before close quarters situation as a stand on vsl), in between was asking the understanding of the situation as per the rules ( no need to quote word by word, if u can explain it better using important key words), then overtaking situation with understanding of rules, and then restricted visibility situation with understanding of rules. ( All the situation my vsl is stand on &amp; also while giving your action, when he said range is more than 4 miles, Don't blindly say '5 short &amp; rapid blasts' as its range is only 2m)<br/>He was satisfied with my situations analysis, so didn't ask much.<br/>Passage plan from Mumbai - Antwerp (Belgium) using Chart and ECDIS (wants practical knowledge only)<br/>- start with rough passage route, then from chart catalogue see the positions and the required chart to be needed, small scale and large scale, then check what all charts u have, what needs to order and are they corrected till latest NTMs, rest all you can add as per your knowledge, ( don't rush up take it slow and explain as much as u can, he will forget what was his question and he will move on to next)...wants to hear how to plot T&amp;P correction practically ( with pencil ), what are nav warnings how to plot, where to get.<br/>Routeing charts information?<br/>When are they published?<br/>Admiralty sailing direction, when are their new publication published ( I'm still not confirm, but i said annually for routeing chart and 3-4 yrs for ASD. he said it's not right.</p> | F1 |
| VERMA | 8-SEPT-20  | <p>Basic intro. Running fix draw. Radar PM how often done how to check efficiency trail manoeuvre How to use it (end do mention your action will be as per colreg) how will you know your radar is i trail manoeuvre or normal mode.<br/>ECDIS all safety settings all how to add manual correction how will other officer coming on watch come to know you've manually corrected something on chart Ans ( manual correction will show lolipop symbol), Restricted area how is it displayed on ECDIS, echo sounder error and explain Pythagoras error in detail, 0 line adjustment error.<br/>Bay ballots law. TRS draw diagram and explain how will you come to know where you are in trs and explain how to exit. What is COL, Redge?</p>   | F1 |

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|         |           | <p>Pzx Dec 10s. Shallow water and effect , squat, block cof formula, banking and suction, canal effect, Rule 40, Normal RV situation and head-on with you obstrn on stand side, Sound signalling of PD in rv, Annex 4, GMDSS frequency rt n DSC, how will you cancel distress of EPIRB and DSC. IAMSAR and how many patterns are there what all things will you take in consideration while doing search and rescue few more questions</p>   |    |
| VERMA   | 8-SEPT-20 | <p>* Your joinin ship as 3rd officer and the other 3/o already s signed off...n vessel is on anchor n u have to straight away go on watch... What all things and precautions will u take.</p> <p>* Suddenly wind force changes from force 4 to force 6 action</p> <p>* Radar performance monitor how often u shud check</p> <p>How do u do it</p> <p>What happens if values doesn't match... He want to hear abt magnetron</p> <p>*Sea stabilised and ground stabilised.... Which is used for collision avoidance</p> <p>*If gps fails how will u plot the position</p> <p>Some cards and simple situation..</p> <p>* IAMSAR search patterns</p>   | E1 |
| VERMA   | 7-SEPT-20 | <p>Rule 18 19. NUC. 10 to 12 cards including day signaling cards.</p> <p>Nav warnings. Routeing charts.</p> <p>Passage plan from Huston to Singapore.</p> <p>Update and correction on ECDIS. What is ECDIS? What are all bridge equipment onboard their uses. Metrological instruments onboard and uses.</p> <p>How to correct chart for last 2 years? What if you don't have corrections onboard?</p> <p>How to get medical advice?</p>   | E1 |
| VERMA   | 16-OCT-19 | <p>-Ecdis planning</p> <p>-ENC correction</p> <p>-Enc valid for how much time</p> <p>-base CD Update CD.. mainly want to hear AIO</p> <p>-AIO</p> <p>-Situation head on</p> <p>-head on with shallow patch</p> <p>-same situation in RV</p> <p>-two white light shown what are the possibility</p> <p>-Which all shows yellow light</p> <p>-Aground and NUC day signal and FOG signal</p> <p>-Epirb accidentally action</p> <p>-Epirb accidentally so which all frequencies to cancel false alert</p> <p>-IAMSAr, pattern, datum depends upon what factors</p> <p>-Abort point</p> <p>-Point of no return</p> <p>-Advance, tactical dia, transfer, drift angle</p> <p>-smelling the ground, why</p> <p>-fronts draw and weather associuwith them</p> <p>-What is 90-ZX</p> <p>-when emergency stop is given what happens (in engine) i told braking air is given to stop movement of piston</p> <p>-south cardinal buoy action</p> | E1 |
| VIBHUTI | 3-OCT-23  | <ol style="list-style-type: none"> <li>1. Restricted visibility situations</li> <li>2. Around 15 situations</li> <li>3. Lights and shapes</li> <li>4. Gyro 300 mag 295, var 3w, co to steer</li> <li>5. Now you're variation changes from 3w to 1E what course you will steer now</li> <li>6. Draw scharnow turn</li> <li>7. Drawn trackline search and what is the track spacing</li> <li>8. Gyro fail what will happen to position in ecdis</li> </ol>   | E1 |

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| VIBHUTI | 17-JUNE-22 | <ul style="list-style-type: none"> <li>-What ships done.... contained and tanker?</li> <li>-U r loading dg cargo wat producer to be followed.</li> <li>-Like stowage, segregation and DOC</li> <li>-WHO gives the IMDG manifest</li> <li>-who finalize the cargo that can be loaded</li> <li>-chain register</li> <li>-which part gives that the shackle is been tested regular</li> <li>-which part gives the identification of that shackle</li> <li>-static test how to carry.</li> <li>-which eye on deck u will chose/ again he told it is above u r knowledge.</li> <li>-Precautions while loading coal. What action incase of angle of repose during loading?</li> </ul>  | F1 |
| VIBHUTI | 13-MAY-22  | <p># U see vsl at horizon not getting painted on radar what will you do, and after 20 min what will do, bearing same, after 20 min what will u do, bearing same (it's an overtaking situation) When will u take action (when TCPA is 20 to 30 mins)</p> <p># clear vis, TGT vsl overtaking from port side, yo yr speed 11, his 12kts<br/>Range 1', action (monitor CPA/TCPA)<br/>Range 0.5' action (5 or more rapid and short blasts and flashes)<br/>Still not taking action (1 SB a/c to stbd)</p> <p># same situation in rv what action (bold stbd alteration)<br/># same situation u are on TGT vsl (bold alter to port)<br/># he drew diagram of towing and tow vsl, gave lengths of each vsl and towing line, asked for what all lights each shall exhibit<br/># same vsl, if u r overtaking what all lights will u see<br/># drew 2 AR lights hite abv red and green light right and ranfe 1' action (since already acquired on radar, will get to know if she's moving or stationary and in which direction)<br/>He said it's stopped (pass from any direction)<br/># draw anderson turn<br/># draw track line search pattern (didn't know)<br/>What all search patterns u know (sector, parallel sweep, expanding square)<br/>Draw expanding square<br/>What is 's' in it(track spacing)<br/>How will u determine it if it's a lifeboat (didn't exactly know, gave him rough idea)<br/># how do u think u have done (I think I've done well)<br/>You should've known trackline search pattern</p> | F1 |
| VIBHUTI | 10-MAR-22  | <p>Many situations about head on, crossing and overtaking with Fishing vessel, CBD vsl, RAM vsl,<br/>Never said which vessel just said the lights witch are visible.<br/>Lot of cross questening about my actions as to why im taking them.<br/>Lots of lights which he was making lights on the white board behind him.<br/>How will you correct a chart that has not been corrected for 6 yrs.<br/>How will you correct an ALLS.<br/>Gyro failure action.<br/>Gyro heading= 300, mag=296, var=2E.<br/>Which course you will make good if gyro fails?(I wasn't able to answer this)</p>   | F1 |
| VIBHUTI | 18-OCT-21  | <p>Start with ship sailed, Discharge criteria for bulk washing as per Marpol.<br/>Marking on crane shackles. Segregation table.<br/>X mean on segregation table. Discharge criteria of x type chemical tanker.<br/>Hazard of coal. DOA. Loading without DOA. Lashing of cars. Draw</p>   | F1 |
| VIBHUTI | 14-OCT-21  | <ol style="list-style-type: none"> <li>1. He gave me name of the situation and I have to tell him the corresponding rule number. (He asked me overtaking and restricted visibility).</li> <li>2. In restricted visibility whose responsibility is it to keep clear. (He tried to confuse me with rule 13).</li> <li>3. One vessel is head on (ROC exists) and your starboard side there is a vessel on parallel course and same speed what action will you take? (Action - Reduce your speed or take all way off and do not alter to port, let the vessel on your STBD side pass ahead of you and the alter to STBD).</li> </ol>   | F1 |

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|           |            | <p>4. How will you correct ASD? What is the entry you will make on the index page? (Entry - Correction week no. and page number).</p> <p>5. What is squat? Will there be a change in draft and trim due to squat? How will you reduce squat? (Reduce vessel's speed).</p> <p>6. What is CIRM? Where is it located?</p> <p>7. You are in Sea area A3, a vessel at 20 miles sends a distress alert (not a message), will you receive it on MH/HF?</p> <p>(Answer - You will receive it on MF and not on HF, since HF uses sky wave propagation?)</p> <p>8. What is equation of time? Where will you find it? No cards and did not tell to quote any rules.</p>   |         |
| VIBHUTI   | 4-AUG-21   | <p>Overtaking situation</p> <p>Towing light</p> <p>3 vessel u r osc ..</p> <p>How will u do parallel sweep search. Draw Diagram and in detail explain</p>  | F1      |
| VIKAS     | 26-SEPT-22 | <p>Internal also asking intermediate, they are hurry to going for lunch, so they asked very fastly. You see a vsl on port bow on 6-mile range, TGT vls SPD 0 CPA 0 roc exists what is action. Pilot vls approaching you in perpendicular course suddenly he stopped what is your action. You are approaching in RV what all actions you will take.</p> <p>Towing vsl and towed vsl asking what all lights will exhibit.</p> <p>Draw Anderson turn and explain (what turn you will take when man overboard. Which direction you will alter the course).</p> <p>Cardinal marks colour and shape.</p> <p>Why south cardinal have vvq flash?</p> <p>IAMSAR search pattern (draw square search) when you will do</p> <p>How many search pattern is there?</p> <p>Rule 5,6,13,14,15,16,19.</p> <p>Bow cushion and bank suction</p> <p>When you will call master?</p> <p>What all precautions you will take when you approaching RV?</p> <p>One vsl on stbd quarter she is overtaking, one vsl on perpendicular ROC exist what is your action.</p> <p>What all publications you will carry on board?</p> <p>Bridge equipments.</p> <p>Target vsl overtaking from port to stbd CPA 0 TCPA 15min what action you will take?</p> <p>Draw a boxing of compass from S to W</p> <p>Meteorology equipment.</p> <p>CBD, NUC, Ram lights and day signal.</p> | F1      |
| YOGRAJ    | 2-AUG-21   | <p>- overtaking in cv and rv</p> <p>- in tss vessel crossing from stbd side</p> <p>- then same situation in tss asked by internal with heavy traffic</p>   | F1      |
| MITHILESH | 10-MAR-22  | <ul style="list-style-type: none"> <li>• 2 situation of RV (easy)</li> <li>• Which all rules apply in RV (4 – 10, 19, 35), then he said what about Rule 1,2, 3... said they do apply but for action purpose only 4-10, 19 &amp; 35.</li> <li>• Can you load grain without AOA</li> <li>• Stability Criteria for general cargo.</li> </ul> <p>2 – 3 questions more &amp; then he said.</p>  | F1 & F2 |
| PRASHANT  | 6-AUG-21   | <p>Which all ships you have done?</p> <p>Which company?</p> <p>Which function to start first</p> <p>Crossing ,overtaking, in rv and cv,</p> <p>In tss traffic 2-3 veseel head-on 2-3 crossing 2-3 overtaking what all action u will take.</p> <p>Trim tables, Vgm and why it came.</p> <p>How will know where is DG is loaded?</p> <p>Parts of IMDG. How will you take over cargo watch?</p>   | F1 & F2 |



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| ANISH   | 3-DEC-20  | <p>Rule 19 explain</p> <p>Why a vessel shall be on safe speed as per rule 19</p> <p>Wheel house poster content</p> <p>Tell me what you know about floors?</p> <p>Solid floors, intercostal girder</p> <p>How do you load on a tanker (gk) what are the stages in ur plan?what all parameters do you see?</p> <p>What do you mean by abandonment as per mlc and what will you do about it?</p>  | F1 & F3 |
| MUKESH  | 18-OCT-22 | <p>Cards</p> <p>Air cushion vessel.</p> <p>1 green light possibilites</p> <p>1 white light possibilities.</p> <p>Life buoy tests.static and dynamic</p> <p>ODCMS regulations and requirement</p> <p>Slop tank requirement.</p>   | F1 & F3 |
| AGARWAL | 13-MAR-21 | <p>-Passage planning from Mumbai to Tokyo</p> <p>-what u will do in monitoring</p> <p>-ALRS vol</p> <p>-explain ALRS vol 5</p> <p>-where u will find details for seeking radio medical advice</p> <p>-phasing n ranging in echo sounder</p> <p>-ram VSL day signal, NUC vsl night signal, ball size n colour</p> <p>-ROR situation</p> <p>Sailing vsl overtaking whose duty</p> <p>Crossing situation n cross question</p> <p>-rule 9,13,5,ram definition</p> <p>-chart correction (he gave ntm 3,4,5,6 wk how will ur correct and how will u know ur chart is corrected)</p> <p>-gyro failure action</p> <p>-SART test (radar at what range)</p> <p>-battery on/off load test</p>   | F1'     |
| BHUSHAN | 1-MAR-21  | <p>Detail diagram of deck seal scrubber pv valve and pv breaker</p> <p>Use of marpol line</p> <p>Individual means of venting</p> <p>TLV of H2S</p>   | F2      |
| AGARWAL | 22-NOV-22 | <ul style="list-style-type: none"> <li>- SF, LD TLV CONCENTRATES FMP AOR LFL UFL Etc.</li> <li>- Pump room entry</li> <li>- Sulphur hazard</li> <li>- For suppressing dust you use fw / Due to contact with fw it will release sulphuric acid that is corrosive which will damage ur hold / Many cross questions. Even I said we do like wash to prevent such things but he wasn't satisfied.</li> <li>- Rice ventilation</li> <li>- Gases in pump room</li> <li>- Types of pumps</li> <li>- Diff b/w reciprocating and +ve displacement pump</li> <li>- Sweat</li> <li>- CSM contents</li> <li>- Types of Cargoes as per IMSBC</li> <li>- Calibration of multi-gas detector</li> <li>- Segregations as per IMDG.</li> <li>- Container precious contents spilled on deck and jetty! Actions as per OOW</li> <li>- CSC Plate</li> <li>- Scuppers close /open as per which conventional and regulation.</li> </ul> | F2      |

|         |           |  |    |
|---------|-----------|--|----|
| AGARWAL | 12-OCT-22 | Taking over cargo watch full details what all u check on deck.<br>Pv valve, Means of venting on tanker. Ig alarm. Deckseal working.<br>What all check at gangway during deck round?<br>Fwd draft 4m aft 5m mid ship 4.6 vessel hog or sag.<br>Triangle mark near mid ship what indicates. IMSBC cargo group.<br>Is IMDG applicable to tanker.                        | F2 |
| AGARWAL | 9-OCT-20  | -TML,concentrates,CSC plate,Tare weight,and some other basic definitions<br>-IMSBC code classification<br>-Deck seal and its types<br>-PV valve settings<br>-Duties as OOW in case of List while loading<br>-taking over a cargo watch<br>-secondary means of ventilation in tankers<br>-XYZ types of cargoes on chemical tanker.                                    | F2 |
| AGARWAL | 13-FEB-20 | HO/TO on tanker<br>Ship shore safety checklist<br>Precautions loading sulphur, coal, container fell on deck by shore crane. actions as OOW,<br>deck seal wet type, settings of PV valve,O2 content, action to be taken in case of loading<br>coal by own vsl cranes, angle of repose, concentrates, grain code, types of container, some<br>basic definitions        | F2 |
| AGARWAL | 12-FEB-20 | - Oil tanker op<br>- Stability criteria<br>- Pump room entry procedure<br>- Fire, oil spill<br>- Reporting requirements<br>- Inert gas requirements<br>- Primary and secondary means of venting (huge discussion)  | F2 |
| AGARWAL | 19-DEC-19 | What is IMSBC class definition<br>Loading coal precaution<br>Taking over cargo watch<br>Entering pump room, SF, BS<br>Concentrate<br>Many more definition<br>Numbering of plate start from where (I answered from aft he asked me from whr in aft )<br>Co2 system<br>Portable co2 using precaution   | F2 |
| AGARWAL | 16-DEC-19 | 1. What type of ships i sailed.<br>2. NLS Category X, Y, Z, Os<br>N confused me alot while answering<br>4.TML<br>5.FMP<br>6. Cargo watch taking over in port<br>7.Contents of Imsbc and category of cargoes<br>8.You are OOW on heavy lift vessel what precautions you will take while loading<br>9. What is Cargo securing manual.<br>10. Intial GM of cargo vessel | F2 |
| AGARWAL | 13-NOV-19 | Taking over cargo watch during loading (start with you'll see mates order note the tanks been<br>loaded then go for a deck round n check those tank area's, scupper's , etc.) ,<br>P V valve and breaker it's working, deck seal, pyrophoric oxidation,<br>IMSBC (groups with examples ), Coal hazards,<br>Precautions while loading coal, Cargo manifest.           | F2 |

|         |            |  |    |
|---------|------------|--|----|
| AGARWAL | 7-AUG-19   | Types of ships I did (chem tanker)<br>Types of chem tanker and construction<br>Which is more dangerous? (I replied type carries most dangerous cargoes)<br>Category of IBC cargoes<br>IMDG aim and application<br>IMDG classes<br>CSM content and applicability (asked do bulk carriers have CSM, I said no but not sure if it was right answer)<br>As OOW while loading coal what would you do (precautions).   | F2 |
| AJAY    | 13-SEPT-23 | Stowage factor<br>Types of stowage<br>SWL<br>Coal precautions while load..<br>Found the container from which smoke coming during loading.<br>IMSBS content<br>Angle of repose<br>Nitrogen content in IG  | F2 |
| AJAY    | 12-SEPT-23 | 1. How will you take over cargo watch on a vessel at anchor loading coal cargo using cranes<br>2. Precautions while loading coal cargo<br>2. Precautions while loading sulphur<br>3. While Loading 40ft container it falls half onboard half on jetty. Action<br>4. What is IG<br>5. Alarms in IG system<br>6. How will you enter pump room<br>7. FMP, TML, LD, SF definitions<br>8. What is Imsbc, claases<br>9. IMDG classes<br>10. Gas measuring equipments<br>11. what are concentrates<br>12. How will you calculate cargo loaded | F2 |
| ANISH   | 8-MAR-21   | Purging<br>PV breaker<br>Deck seal<br>PV valve<br>Angle of lol<br>Heavy lift precautions<br>CSC plate  | F2 |
| ANISH   | 6-FEB-20   | 1) What do u understand by term IMDG?<br>2) Purpose of IMDG code.<br>3) IMDG code volumes.<br>4) Content of IMDG supplement.<br>Classes of IMDG cargo.   | F2 |
| ASHOK   | 23-AUG-22  | Start with ships done & company<br>1 - requirements of IGS<br>2- COW & washing requirement<br>3- angle of repose & AOR of iron<br>4- IMDG aim & Segregation<br>5 - loading of container & height requirements<br>6 - bay plan<br>7 - HOW to load iron ore<br>8- HSSC<br>9 - gas freeing & method of gas freeing<br>10 - flammability diagram   | F2 |

|          |             |   |    |
|----------|-------------|---|----|
| AWASTHI  | 4-OCT-23    | <p>What cargo have you carried onboard</p> <p>Density of crude, lpg</p> <p>How will you tell CO that you are ready for loading crude</p> <p>Why we start from low rate</p> <p>Do you know about loading bulk cargo.</p> <p>IMSBC and IGC code info (full form and what info) .</p> <p>Have you seen bilges in bulk carrier, have you seen different types of vessels other than tankers.</p> <p>How do you lineup for receiving crude.</p> <p>Vessel should be ready for loading cargo before it reaches port, why do you still check again.</p>  | F2 |
| AWASTHI  | 3-OCT-23    | <p>1. Company name, ship sailed, cargo carried on last ship?</p> <p>2. How did you apply for Pre sea training, Institute name, Principal name?</p> <p>3. What do you understand by gasoline, where did you load?</p> <p>4. Ever been to Mina Al Ahmedi? How do you not know about it?</p> <p>5. You're arriving Mina Al Ahmedi, how will you report to the C/O &amp; Master that the vessel is ready for operations?</p> <p>6. Name of Technical Superintendent of company?</p> <p>7. Where will you get the pre arr checks from? (He wanted to know which designation in the company prepares this checklist in SMS)</p> <p>8. Who checks the Cadet record book? CTO name?</p> <p>9. What all checks carried out?</p> <p>10. What is IG Plant, location and components?</p> <p>11. What is Scrubber?</p> <p>12. UTI tape? What is ullage, how will you check the temp?</p> | F2 |
| AWASTHI  | 16-MARCH-20 | <p>1. What is lashing manual? What details given? (he don't want contents, practically what all things are mentioned in CSM, long discussion)</p> <p>2. How is container lashing 2 high and 3 high carried out?</p> <p>3. A container on deck is burning, how will you find out Ems fire schedule for this container.</p> <p>4. Contents of IMDG supplement?</p> <p>5. How will you identify a High cube container?</p> <p>7. Purpose of IMSBC code?</p> <p>8. Types of ventilation as per IMSBC code?</p>  | F2 |
| AWASTHI  | 16-MARCH-20 | <p>1. What cargo you carried on ship. (ulsd and lsd) what was its density.</p> <p>2. What is imdg objective?</p> <p>3. Classes of imdg cargo?</p>   | F2 |
| AWASTHI  | 11-AUG-19   | <p>IMDG Explain,</p> <p>Classes,</p> <p>Contents,</p> <p>Emergency Response Procedure.</p> <p>ISGOTT</p> <p>Pv Valve and breaker</p> <p>Purging</p>   | F2 |
| BANERJEE | 4-JAN-24    | <p>-TLV, types of TLV</p> <p>-Diff b/w TML FMP. Which is more?</p> <p>-DOA. Can we load grain without DOA?</p> <p>-Cargo sweat and ships sweat</p> <p>-Diff b/w inerting and purging</p> <p>-Bay plan</p> <p>-INF code</p> <p>-GM for loading grain</p> <p>-Hazards of loading concentrates</p> <p>-Can we load heavy lift more than the permissible load of the deck? How?</p>   | F2 |

|         |            |   |    |
|---------|------------|---|----|
| BAWEJA  | 9-MARCH-20 | SWL<br>Load density<br>PV valve and PV breaker<br>Segregation table<br>Ship shore chkl<br>MSDS contents<br>GRT and NRT<br>Precautions during loading  | F2 |
| BAWEJA  | 6-FEB-20   | <ul style="list-style-type: none"> <li>• load density, bale, grain capacity, stowage factor,</li> <li>• imdg code n contents, sup contents, how to use, requirements</li> <li>• ig system, alarms, pressure sensor settings</li> <li>• taking over cargo watch</li> <li>• Types of deck seal and working</li> <li>• hold preparation for sulphur</li> <li>• container lashing</li> </ul>  | F2 |
| BEHL    | 7-FEB-20   | <ol style="list-style-type: none"> <li>1. def cbd, ram, nuc, restricted visibility</li> <li>2. errors of gps</li> <li>3. Bouy identification "pref channel to port reg a &amp; west cardinal mark " without top marks with the situation all this buoys are there and beside that he told here is the jetty bring your vessel to jetty</li> <li>4. situations involving overtaking by sailing vessel</li> <li>5. what all checks you will doo` before prior to sailing</li> <li>6. bore tide, neap tide and spring tide when does it occurs</li> <li>7. tidal stream atlas how to mark on chart</li> <li>8. pilot card details</li> </ol>   | F2 |
| BEHL    | 13-JAN-20  | <ol style="list-style-type: none"> <li>1. What is a high cube container and how will you identify it?</li> <li>2. CSC plate contents</li> <li>3. Cargo securing manual contents</li> <li>4. How will you use imsb code for trimming procedure? ( Answered section 5.4)</li> <li>5. Enclosed space entry</li> <li>6. Hazards of coal</li> </ol>  | F2 |
| BHUSHAN | 1-MAR-21   | <ol style="list-style-type: none"> <li>1. Rule 6 quote and explanation in detail.</li> <li>2. What do u mean by close quater situation (proper defination and explanation)</li> <li>What do u mean by Maneuverability of the vsl, in detail.</li> <li>What is advance and tranfer?</li> <li>3-4 cards of Trawler, fishing, towing.</li> <li>Situations</li> <li>1. Head on with wreck/ isolated danger mark on stb side.</li> </ol>   | F2 |
| BISWAS  | 20-JAN-23  | <ol style="list-style-type: none"> <li>1. Lashing of containers</li> <li>2. Lashing equipment</li> <li>3. Half height containers uses</li> <li>4. Numbering of containers in hold and on deck</li> <li>5. Fmp</li> <li>6. Tml</li> <li>7. Moisture migration</li> <li>8. Formula for moisture migration</li> <li>9. LEL</li> <li>10. broken stowage</li> <li>11. How to lash timber</li> <li>12. Types of securing of grain</li> <li>13. Angle of repose</li> <li>14. Low angle of repose dangerous or higher n why?</li> <li>15. Hazards of coal</li> <li>16. Hazards of Sulphur</li> <li>17. Frozen chilled and air cooled cargo</li> <li>18. Csc</li> <li>19. Info from csc plate</li> <li>20. Dimensions</li> <li>21. Can you load a container without csc plate</li> </ol> | F2 |



|        |            |  |    |
|--------|------------|--|----|
|        |            | <p>22. Chain register<br/> 23. Contents of chain register<br/> 24. What all you will check after receiving stores of wires/ ropes etc<br/> 25. Marking on gears<br/> 26. P &amp; A manual<br/> 27. Applicable to which ships<br/> 28. Under which convention and annex<br/> 29. Categories of annex 2<br/> 30. Which is more dangerous and why?<br/> 31. Pour point<br/> 32. Advantages of container<br/> 33. Class 4.2/7</p>  |    |
| BISWAS | 21-JULY-22 | <p>Asked about which ship sailed<br/> Container, CSC plate, Half height container,<br/> Hazards of sulphur, Hazards of concentrate, Hazards of high density cargo,<br/> Breaking strength of Manila rope, Proof load, SWL,<br/> Precautions carrying coal, CSM? Contents of CSM.<br/> PV valve, PV breaker,<br/> Deckseal, CSS code.</p>   | F2 |
| BISWAS | 13-MAY-22  | <p>Types of Cargo you carried on board?<br/> Diff b/w Cat X &amp; Cat Y Cargo? Pour Point?<br/> Viscosity? Types of Segregation? Explain Away From?<br/> What is UN No? MFAG and contents?<br/> Cargo Discharging procedure on your Chemical tanker?<br/> Working of Framo? is it +ve or -ve displacement pump?<br/> Classes of IMDG. Equipments used for Lashing Containers?<br/> CSC Plate contents? What is It?<br/> Difference b/w SF &amp; Density? Define SF, Permissible load density?<br/> What are high density cargo? What is the SF of a HD Cargo?<br/> Hazards when loading HD Cargo?<br/> L=10m, B=10m &amp; H=10m. SF is 2, calculate Weight?<br/> What do You mean by concentrates?<br/> What is Moisture content? Explain Liquefaction in Coal Cargo?<br/> Precautions for High Density Cargo? What is VGM? how u get it?<br/> When VGM came into force? MSDS? Contents?<br/> SWL &amp; Proof load? which is more?<br/> proof load of a Chain?<br/> Define SWL? &amp; Mechanical Advantage?<br/> How much safety factor will you use for ropes while calculation?<br/> Relation b/w SWL &amp; Breaking Strength?<br/> what is breaking strength?</p> | F2 |
| BS RAO | 25-AUG-23  | <p>Flash point. Imsbc class. Imsbc class 2 how will you load and what will you refer.<br/> Reefer cargo temperatures. CSC plate information. Imdg volume 2. Volatile cargo.<br/> Coal hazards and precautions. Imdg classes. High cube container dimensions.<br/> How will you load high cube container? Sacrificial anodes.<br/> How will you do surface ventilation? Cargo sweat, what precautions you will take.<br/> Why we check temperature during coal carriage and why 3 levels?<br/> Pv breaker settings. Deck seal. Ig blowers capacity (individual or combined).<br/> Scrubber function.</p>  | F2 |
| BS RAO | 22-FEB-24  | <p>What is COW? Requirements of COW.<br/> Fullform of ISGOTT. IMSBC code. Contents.<br/> Type of categories. Which code did it replace? What is Grain code?<br/> Whom does it apply? What is Grain? IG composition.<br/> Requirements of IG. What document as per Grain code?<br/> Can it be loaded without DOA? Requirements.</p>   | F2 |

|        |            |   |    |
|--------|------------|---|----|
| BS RAO | 16-NOV-23  | Load density. What is swl? What is relationship between swl and breaking strength?<br>What is factor of safety? What is ISGOTT, its content and latest amendment?<br>Coal hazards. IMSBC code. Grain code. Bay plan. IMDG code.<br>Oil cargo calculation. Category of IMSBC. What is class 7 in IMDG code   | F2 |
| BS RAO | 25-OCT-23  | Asked what type of ships u have done<br>1. ISGOTT Definition, parts and amendments ! Date of latest amendment<br>2. IMSBC code<br>3. Which code did IMSBC replaced.<br>4. In tanker after loading how will u calculate the cargo! ( he want step by step)<br>5. Inerting, purging, gas freeing<br>And oxygen content in 3 cases.<br>6. Types of pipeline system on tanker.<br>7. DOA<br>8. Grain intact stability criteria<br>9. What is bay plan<br>10. What is CSC plate<br>11. Types of refrigerated cargo   | F2 |
| BS RAO | 25-AUG-23  | Type of chemical tankers. Category of chemical cargo. Flammability diagram.<br>Pipeline systems. ISGOTT content randomly. Random chapter names of IBC and IMDG.<br>MFAG, EMS, Hypothermia. Timber lashing. Use of half heighted containers.<br>Concentrates hazard. Simple SF numerical (verbally). Checks before loading in tankers.<br>Mast Riser.  | F2 |
| BS RAO | 20-JUNE-23 | What all ships done? How you will locate container on board? CSM.<br>Which all ships CSM applies? Under which regulation CSM is mandatory. CSS.<br>CSC plate details. Bill of lading, who issue it and to whom it issues, function of b/l,<br>IMSBC full form and what all it contains. SWL.<br>Proof load.. Then asked How you will know how much is proof load.<br>Breaking stress. What is relation between proof load and swl?<br>Container overboard action. Intact stability as per grain code.<br>What all plan required for dry dock? What all details you will provide to c/o while doing tank inspection. ISGOTT. Latest edition and amendment of ISGOTT<br>What is Statutory and mandatory certificate name some of them. Content of SOPEP   | F2 |
| BS RAO | 23-MAY-23  | > Grain Stability Criteria<br>> IMDG contents<br>> Example of Dangerous Goods<br>> EMS MFAG<br>> classes of IMDG<br>> IMSBC full form & content and type of cargo. (GROUP A,B,C and examples )<br>> SF, LD, FMP, TML.<br>> SWL and Breaking Stress and relation between them<br>> COAL hazards and precautions<br>> You are loading Sulphur inside cargo hold and suddenly fire occurs action( At first i told i will start boundary cooling and then i will release CO2 And then he was like you are not extinguishing the fire you are increasing the risk and then told him i will put more sulphur above it to extinguish the fire, then he said there you are)<br>> Concentrates Hazards and Precautions<br>> Hold preparation for loading grain( I started with thorough cleaning of hold and then start washing with Fresh water to prevent .. and cleaning of bilges and all.. then he interrupted and said You will wash the previous cargo and then he continued and told all the steps 😊 )<br>> Bay plan, Tare weight, Net weight<br>> COW precautions<br>> How many types of deck seal unit, name all of them | F2 |

|        |           |  |    |
|--------|-----------|--|----|
|        |           | <ul style="list-style-type: none"> <li>&gt; PV breaker</li> <li>&gt; PV valve</li> <li>&gt; IG composition</li> <li>&gt; ISGOTT fullform and contents</li> <li>&gt; ISGOTT ammendments</li> <li>&gt; SSSCL</li> </ul>  |    |
| BS RAO | 19-MAY-23 | <p>Which vessel you sailed Vessel types? Container and oil tanker.</p> <p>How will you know container lashing proper or not , or counter sitting properly (he wants to hear CSM) ? According to which code CSM is required on board.</p> <p>CSC plate details. Bay plan. Grain stability cretria. Bill of lading.</p> <p>Mast riser height. IMSBC code. Deck seal.</p> <p>You ar on watch sulphur is loading you see scfolding is comming ou t , take action , ( I didn't understand this question). Partly trimmed compartment securing method.</p>                                       | F2 |
| BS RAO | 7-NOV-22  | <p>1 - coil of wire rope how will you know you can you use it ?</p> <p>2- if no certificate found how will you calculate swl of wire rope</p> <p>3. Crane damaged during cargo operation by stevedores!! Action?? Master &amp;C/O went for shore leave same time!</p> <p>4. Derricks rigged in combination advantages and disadvantages</p> <p>5. Types of gas tanker?</p> <p>6. Code applicable to chemical tanker?</p> <p>7. Types of chemical tanker</p> <p>8. fully loaded 40000 DWT product carrier vessel!! Will you do cow?</p> <p>9. What is cow??</p>                             | F2 |
| BS RAO | 24-AUG-22 | <p>1) Firstly he asked me since u have done tanker. How will u calculate total cargo on board? Loadicator and if no loadicator how will u calculate cargo?</p> <p>2) IMSBC which ship it applies?</p> <p>3) IMDG contents.</p> <p>4) Hazards of coal cargo.</p> <p>5) Your vsl carrying sulphur and fire in hold ...action?</p> <p>6) Stability criteria for grain</p> <p>7) Swl, proof load and breaking stress.</p> <p>8) Groups 4 and group 8 as per IMDG</p> <p>9) classification as per IMSBC</p> <p>10) Types of containers</p> <p>11) CSC plate</p> <p>12) Types of refer cargo</p> | F2 |
| BS RAO | 17-MAY-22 | <ul style="list-style-type: none"> <li>• How will you calculate cargo onboard when loadicator fails on tankers</li> <li>• How will you calculate cargo onboard on bulk carriers</li> <li>• IMDG , just said tell me something about IMDG</li> <li>• CSS code</li> <li>• IMSBC explain</li> <li>• Inerting purging and gas freeing</li> <li>• Rapid fire on IMDG</li> <li>• Types of reefer cargoes</li> <li>• Bill of lading</li> <li>• Who issues bill of lading</li> <li>• Contents of inert gas</li> <li>• Height of mast riser</li> </ul>  | F2 |
| BS RAO | 12-MAY-22 | <p>(What type of vessel u done - sir bulk carrier)</p> <ul style="list-style-type: none"> <li>• Tell me about liquid cargo calculation 🤔</li> <li>• IMDG</li> <li>• Class 4,6 in detail</li> <li>• Segregation as per IMDG</li> <li>• Group of IMSBC</li> <li>• Where u get load density</li> <li>• What information u get from csc plate</li> <li>• Bayplan</li> <li>• PC valve and PV breaker</li> </ul>   | F2 |

|          |            |  |    |
|----------|------------|--|----|
|          |            | <ul style="list-style-type: none"> <li>• Deck seal, height of mast riser</li> <li>• SWL, proof load, breaking strength</li> <li>• Type of pipeline system, for VLCC what type of system</li> <li>• Intact stability criteria for grain</li> <li>• Pumproom entry</li> <li>• CSS in detail</li> <li>• Content of IG</li> <li>• Cargo calculation of bulk</li> <li>• TLV in detail</li> <li>• 3 functions of bill of lading</li> <li>• Hazard of coal sulphur</li> <li>• volatile n non volatile</li> </ul>  |    |
| CARASCO  | 5-FEB-24   | <ol style="list-style-type: none"> <li>1. Checks during heavy lift cargo ops</li> <li>2. What are the requirements to COW a tank</li> <li>3. What is cargo plan, what will u check every hour</li> <li>4. Draft survey</li> <li>5. Concentrates hazards</li> <li>6. Hazards while loading sulphur</li> </ol>   | F2 |
| CARASCO  | 5-FEB-24   | <ol style="list-style-type: none"> <li>1. Checks before taking over watch</li> <li>2. LD, SF</li> <li>3. Purging, gas freeing procedure</li> <li>4. Cow req</li> <li>5. Slop req</li> <li>6. IMDG code</li> <li>7. SSSCL</li> <li>8. MSDS</li> <li>9. Hazards of concentrate</li> </ol>  | F2 |
| CARRASCO | 8-FEB-22   | <p>Hazards of concentrates and sulphur. Load density.<br/>Stowage factor. Draft survey entire procedure.<br/>Gave drafts - hogging or sagging.<br/>Situations - Just joined oil tanker, on evening cargo watch, vessel starts to list and reaches angle of loll, Action.....after list corrected, everything calmed down, U see smoke coming out of a cabin in front of CCR, Action.<br/>Cargo Securing Manual. IMDG code and classes.<br/>Deck seal. What will happen if cargo tank pv valve not working?<br/>Which liquid inside pv breaker? Mate's receipt. Shipper's declaration</p> | F2 |
| CARRASCO | 2-OCT-21   | <ul style="list-style-type: none"> <li>- Stowage Factor, Load density, Broken stowage</li> <li>- Swl, Proof Load, Breaking strength</li> <li>- Chain Reg.</li> <li>- Intact stab of Tanker</li> <li>- IMDG everything</li> <li>- Deck seal (explain all types)</li> <li>- Hazards of coal and sulphur</li> <li>- PV Valve and PV breaker also settings</li> <li>- Angle of Repose</li> <li>- MSDs everything</li> <li>- DOA</li> <li>- Flammability Diagram (many cross questions)</li> <li>- CSC plate and contents</li> <li>- Load line survey</li> <li>- IBC code</li> </ul>          | F2 |
| CHABRA   | 21-JUNE-23 | <ul style="list-style-type: none"> <li>- cargo watch takeover points</li> <li>- loading sulphur small fire action (told add more sulphur since not a major fire)</li> <li>- IMDG segregation</li> <li>- VGM (told recent solas amendment, full form and explained in one line)</li> <li>- why do we use limewash (told him we use for sulphur, because limewash is basic and sulphur is acidic. It will get neutralized).</li> <li>- grain code contents</li> <li>- coal hazards</li> </ul>  | F2 |

|             |            |  |    |
|-------------|------------|--|----|
| CHAKRABORTY | 23-FEB-24  | Define cargo. What is pollution? What is depth of a ship?<br>Depth vs draft. Thorough Questions on load lines. Subdivision loadline.<br>B/L. Mates receipt. Note of protest. Bale capacity and grain capacity.<br>Shear stress. If shear stress is zero what will be the bending moment.<br>Sf. Difference between break and bulk cargoes. What is high density cargo?<br>Difference between hardous , dangerous and harmful for human health  | F2 |
| CHAKRABORTY | 22-SEPT-23 | 1.Def of bulk carrier as per Solas (mention the construction)<br>2.Definition of cargo. Displacement , dead weight lightship ,constant( draft survey)<br>3. what is angle of repose<br>4. Angle of repose of a cargo is 18 degrees what do you understand<br>5. Tml, fmp , all def related to moisture<br>6. How will you load imdg cargo without loadicator<br>7. what is imdg code<br>8. Imdg not applicable to which cargo<br>9. Sf, BM, in detail<br>10. Stowage factor load density BS everything related to practical application in detail<br>11. Container Bay plan in detail<br>12. CSC plate use and CSC full form proper<br>13 why we take six drafts<br>14 mean of mean drafts and corrections (read draft survey properly). | F2 |
| CHAKRABORTY | 26-OCT-22  | 1. What is cargo?<br>2. broken stowage<br>3. Draft survey read basics for 2nd mates how its done like corrections and all and what it ultimately gives you<br>4. Why we take 6 sided Draft?<br>4. Bale capacity<br>5. grain capacity<br>6. Angle of Repose<br>7. Load density and stack weight here stack weight is weight you can put on a particular container<br>8. If SF is 0 what is BM now my answer was no BM but he said maximum BM<br>9. Cargo manifest as per errol<br>10. Stowage factor<br>11. CSC plate<br>12. What is IMDG?<br>13. What is class 4   | F2 |
| CHAKRABORTY | 14-SEPT-22 | CSS convention<br>Contents of css plate<br>Loading plan and stowage plan<br>Draft survey in detail<br>Where all draft marks are located<br>Definition of cargo<br>Load density, stowage factor   | F2 |
| CHAKRABORTY | 15-JULY-22 | Define cargo. Define draught.<br>What is DOC and SMC? What is GM? What is KM?<br>Stability criteria of grain vsl. Hogging and sagging. CSM.<br>What is general arrangement plan?<br>Total points of draught on ship. What is mean of mean draught? Draught survey.<br>How will take draught in heavy swells. What is LOA?<br>Where are the draught marks in the Stern and fwd part of the ship.<br>Moisture content.   | F2 |
| CHAKRABORTY | 15-JULY-22 | What is cargo? What is oil? What is IMO?<br>What is annex 3? What certificate?<br>What is annex 5? What is the certificate?<br>What is TML? What is FMP?<br>What is moisture migrant? What is IMDG?<br>Volume all. Why it is applicable?<br>What is crude? What is LSS code?<br>Which IMDG group doesn't require DOC?<br>Why it is not required? What class 10 in IMDG?  | F2 |



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|---------|------------|---|----|
|         |            | What is pollution? What is marine pollutants?   |    |
| CHAND   | 4-DEC-19   | Type of last ship...<br>Cargo hold preparation for cement.<br>How will you pump of bilge water.. I answered it correctly after that hee asked if your bilges are clean how will tou determine your bilge are working properly? Not able to answer<br>Can you carry out ventilation in rainy season? Answered properly<br>Thickness of draft marking..answered 10cm he draw a draft marking between 3 to 4 m and told to draw line on drafr 3.22 I drew nearby to it but they told it is 3.3 you have over loaded. | F2 |
| CHANDRA | 7-JAN-22   | Load density, Broken stowage, stowage factor<br>SF of wheat, tea, density of Natural gas, propane, Butane<br>CSM, VGM in detail<br>IG requirements on product tanker<br>Gas carrier LOADING PROCEDURE<br>COW, SBT<br>GAS Tanker pv v/v SETTING PRESSURE<br>RELIQUIFACTION system on board explain in detail<br>HEEL<br>REQUIREMENT of IG pressure in tank..   | F2 |
| CHANDRA | 13-SEPT-21 | Load density, Broken stowage, stowage factor. SF of weat, tea, density of Natural gas, propane, Butane. CSM, VGM in detail.<br>IG requirements on product tanker. Gas carrier LOADING PROCEDURE.<br>COW, SBT. GAS Tanker pv v/v SETTING PRESSURE.<br>RELIQUIFACTION system on board explain in detail.<br>HEEL. REQUIREMENT of IG pressure in tank..  | F2 |
| CHUTANI | 19-AUG-23  | (Types of ships done)<br>Hazards of iron ore. Hazards of coal. Types of shifts.<br>Factors affecting types of shift. Which code used in bulk carriers?<br>Moisture content. Tml fmp.<br>How will you take over cargo watch? How will you calculate cargo?<br>Astm table used onboard. Types of chemical and gas tankers.<br>Criteria of tankers. Gas tanker cargo - butane loading temperature.<br>Boil off. BLEVE. MARVS setting. Oil tanker cargo and hazards.  | F2 |
| DAGMAN  | 3-JAN-24   | 1. What is IMDG and contents<br>2. Does IMDG applies for carrying naptha<br>3.precautions while carrying naptha<br>4. ISGOTT latest edition and new ammendments<br>5.while on cargo watch, you hear oxygen alarm... Action<br>6.how you know container is legal and safe to load<br>7. CSC<br>8. Vgm<br>9. Proof load   | F2 |
| DAGMAN  | 20-SEPT-23 | Csc. How will you identify the container is appoved?<br>Dg cargo ? How will you know if you can carry ?<br>Imdg code in depth ? Flammability diagram.<br>Chemical types of tank and configuration.<br>LD. SF. Bill of lading. DOC.<br>Can you take the copy for the same?<br>UN number purpose. Stability criteria for grain and container.   | F2 |
| DAS     | 21-FEB-24  | Stowage factor. Load density. Their unit.<br>What is IG. IG system. Alarms of ig.<br>Duties as oow during loading. Chain register.<br>Imsrc code , purpose aim and content. Segregation table.  | F2 |

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| DAS       | 11-MAR-21  | Load density<br>Imdg<br>Liferaft requirements<br>TPA requirement<br>Annex 1<br>Seaworthiness and unseaworthiness   | F2 |
| DEJOY     | 11-MAR-22  | Which ships done? I said bulk carrier and tanker?<br>IMSBC groups ( A, B and C). To which ships does IBC code applies.<br>IMDG code content. Are bulk carriers required to carry IMDG code.<br>Where will you Ems in IMDG?<br>EMS and MFAG - what info you get and how to use?<br>TML and it's relation to FMP.<br>What is Tare Weight? Proof load.<br>PV breaker and PV valve purpose, setting.<br>Flammability diagram and practical use onboard.<br>What is TLV? Explosimeter and tank scope principle and which one to use in which atmosphere. CAS and CAP. | F2 |
| DESHWAL   | 2-AUG-22   | types of ship done (mpv, bulk, cont.), mate's receipt,<br>hazards of bulk cargoes and precautions, IMSBC (detailed),<br>groups as per IMSBC, high density cargoes,<br>CSM, chain register, bay plan, how to stow containers in hold.<br>VGM, csc plate. Oil cargo calculation (ullage to GSV).<br>PV valve, PV breaker and difference between them.<br>IMDG (detailed). IMDG certificate requirements. IMDG Vol1, vol2 and supplement content.<br>classification (name all). Content of dg list, how many columns. EMS guide.                                    | F2 |
| DEVASHISH | 8-APRIL-22 | - u have done oil chem will start with bulk<br>- rice in bag loading. Preparation of hold, loading, voyage and discharge precaution.<br>- IMDG content and why IMDG came to existence<br>- precaution while loading heavy lift just before lifting cargo using ship crane<br>-concentrate precaution.  | F2 |
| DEVESH    | 13-SEPT-22 | Inerting and purging<br>VCF meaning and application<br>PV valve PV breaker and Mast riser difference<br>ISGOTT Full form new edition and date<br>DG segregation methods<br>DG Cargo classes EMS MFAG<br>Ship and cargo sweat<br>Draft survey<br>Why secondary method of venting is there on ships.   | F2 |
| DEVESH    | 4-DEC-21   | Sf, swl, proof load, stack weight, net weight, tare weight, Imdg code-classes?<br>Sepration? Diff. Water tight and weather tight?<br>precautions while loading refer containers? subsidiary risk?<br>Explain practically how will you test bilge and discharge bilge from ship?<br>Angle of repose? IMSBC code? ENCLOSED SPACE ENTRY?<br>GAS DETECTOR gases? And %?  | F2 |
| DEVESH    | 2-MAR-21   | MSDS, IMDG SUPPLEMENT<br>Segregation of IMDG<br>You are duty officer shipper came to you and ask for load new DG Container what will you do?<br>Away from?<br>Primary and secondary mean of venting<br>PV VALVE, PV BREAKER<br>Draeger tube  | F2 |

|        |             |  |    |
|--------|-------------|--|----|
| DEVESH | 2-MAR-21    | <p>Dry shift wet shift. Angle of repose. Which one is dangerous and why?</p> <p>Inserting purging gas freeing.</p> <p>Which instrument u will use for hc gas checking and in inert condition?</p> <p>Cargo hose leaking. Sulphur hazards.</p> <p>How many types of ventilation?</p> <p>When u will do through and surface?</p> <p>Why in coal surface y not through?</p>   | F2 |
| DEVESH | 2-FEB-21    | <p>Difference between LPG and LNG</p> <p>Operating temperature of LPG LNG</p> <p>If liquefaction plant has collapsed can vapour of different cargoes be mixed to prevent tank explosion.</p> <p>Type of cargo, type of containment for gas.</p> <p>Does gas carries come under IMDG</p> <p>Supplements of IMDG</p> <p>Container bay row tier</p> <p>Ideal position for carrying refer containers</p> <p>Which document will show cargo in harmful, or non-harmful</p> <p>Checks in annual survey of lifting gears</p> <p>Ships crane annual maintenance and checks</p> | F2 |
| DEVESH | 9-SEPT-20   | <p>PV valve n PV brkr diff</p> <p>Hydraulic line leak on deck action</p> <p>Hv u seen IMSBC nd</p> <p>What details</p> <p>Imdg vol 2 details</p> <p>Relation between SWL n proof load</p> <p>Proof load formulas</p> <p>(SWL + 25 % , SWL + 5t , SWL + 10 % ) given in Errol Fernandes</p>   | F2 |
| DEVESH | 13-MARCH-20 | <p>Angle of lol</p> <p>Radio medical advice</p> <p>Chemical tanker inside the tank framing?</p> <p>Immersion suit req?</p> <p>L.b r.b lower frequency?</p> <p>And some more?</p> <p>Cargo contained in w.w discharge in special area?</p>  | F2 |
| DEVESH | 13-MARCH-20 | <p>Intro about ur self? What type of ship i have sailed on? (Container, bulk, chem tanker).</p> <p>Q1Chem tanker hazard and danger? Q2 toxicity? Tlv twa stel c.</p> <p>Gas carrier FFA? What is fuse bulb? How is ventilation carried out in b.c?</p> <p>Imdg contents? TML FMP.</p> <p>SF, load density, SSCL, deck watch taking over on chemical tanker?</p> <p>P.V. valve and high velocity p.v valve</p> <p>What is the difference?</p>   | F2 |
| DEVESH | 13-JAN-20   | <p>Hazards of pith?</p> <p>How you will find hazards in imsbcode of cargoes?</p> <p>Content of shippers declaration as per imsbcode?</p> <p>Working of pv valve and pv breaker?</p> <p>Precautions while loading reefer container?</p>   | F2 |
| DHARAM | 6-MAY-22    | <ul style="list-style-type: none"> <li>- IMDG contents (almost everything about it).</li> <li>- IMSBC contents</li> <li>- IMSBC groups with example</li> <li>- stowage plan, who plans it and what info you get from it</li> <li>- Stowage Factor &amp; Broken Stowage</li> <li>- Load density</li> <li>- SWL &amp; proof load</li> <li>- why we use inert gas, composition.</li> <li>- why there is venting system.</li> <li>- PV valves &amp; breaker with pressure values.</li> <li>- mast riser &amp; it's ht.</li> <li>- lashing system on containers.</li> </ul> | F2 |

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|-------------|------------|---|----|
|             |            | - CSM contents & which vsls use it.   |    |
| DHARAMPAL   | 22-JUNE-23 | <ol style="list-style-type: none"> <li>1. Def - Load Density, Broken Stowage</li> <li>2. Cargo Manifest</li> <li>3. Bay plan</li> <li>3. Imdg</li> <li>4. Lashing material used for containers</li> <li>5. Mfag</li> <li>6. DG Declaration</li> <li>7. VGM</li> <li>8. Flammable Gas, Flammable Mixture</li> <li>9. IG System</li> <li>10. Gas measuring instruments used in tankers</li> <li>11. Where and when used</li> <li>12. Oxygen Content required</li> </ol>   | F2 |
| DHARAMSINGH | 6-MAY-22   | <ol style="list-style-type: none"> <li>1. Bill of landing (information in it)</li> <li>2. CSM (approved by)</li> <li>3. Bay plan</li> <li>4. Why do we inert tanks</li> <li>5. Hazards and precautions on tankers</li> <li>6. IMSBC groups</li> <li>7. Stowage plan</li> <li>8. Hazards and precautions for coal cargo</li> <li>9. What will you check before loading solid bulk cargoes?</li> <li>10. MFAG</li> <li>11. Dangerous good list</li> <li>12. Segregation as per IMDG and its codes</li> <li>13. Deck seal</li> <li>14. Flammability diagram</li> </ol> | F2 |
| GHOSH       | 7-DEC-22   | <p>All about chemical tankers<br/> Stability criteria for tankers<br/> P&amp;a manual<br/> IBC code and its applications</p>  | F2 |
| GP SHENOY   | 12-MAY-22  | <p>Ig working<br/> In detail SSSCL<br/> Primary and secondary means of venting<br/> Action if alarm comes from a cargo tank<br/> While discharging you see cargo leaking from a flange. Action.<br/> What will you do while on cargo watch on a tanker?<br/> IMSBC contents. IMDG.<br/> BLU code contents<br/> Where and why is it used<br/> Difference between BLU and IMSBC code<br/> DOA. DOC. Grain code.<br/> Intact stability criteria for Tankers.<br/> Angle of lol. Corrective action.<br/> Precautions in heavy lifting.</p>                              | F2 |
| GP SHENOY   | 6-JULY-21  | <p>What is Marpol..its annexes<br/> discharge criteria of annex 1 from cargo space<br/> What equipments present on a tanker to release pressure built up in cargo tanks<br/> What is primary and secondary means of venting on a tanker<br/> IMDG code contents<br/> where will u get emergency procedures<br/> What is Angle of repose<br/> While carrying grain cargo, what all docs will u need?<br/> what is MSDS and its contents</p>  | F2 |

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|----------|------------|--|----|
|          |            | <p>what is annex 6 of marpol...how will u comply with the requirements of annex 6(ans fuel change over procedure)</p> <p>What is ECA</p> <p>SOx disch criteria</p>   |    |
| GUPTA    | 22-AUG-23  | <p>All plans regarding loading. Rough question abt cow and static electricity generated.</p> <p>Deck seal. Precautions while loading dg. Imdg code contents.</p> <p>What does Ems contain? Grain stability criteria. Cross on stability criteria.</p> <p>Precaution while loading concentrates. Explain graph of stability criteria x and y axis.</p>  | F2 |
| HARINDER | 8-APRIL-21 | <p>Mast riser ,deck seal</p> <p>Angle of repose</p> <p>Intact stability of tanker</p> <p>Loss buoyancy</p> <p>Cow requirement</p> <p>Slop arrangement and criteria</p>   | F2 |
| HARINDER | 5-JAN-21   | <ul style="list-style-type: none"> <li>* CSS code contents</li> <li>* CSM contents</li> <li>* P and A manual</li> <li>* IMDG contents</li> <li>* Supplements to IMDG</li> <li>* IBC CODE</li> <li>* Ig system</li> <li>* O2 requirement in tank</li> <li>* O2 to be present in IG</li> <li>* ISGOTT contents</li> </ul> <p>(When he asked me contents he did not want word to word chapters and sections, he just wanted to know if i am aware of what all things i can find in that particular manual )</p> <ul style="list-style-type: none"> <li>* SSSCL on tankers</li> <li>* Taking over a cargo watch on tankers</li> <li>* Angle of repose</li> <li>* TML, Flow state</li> <li>* What is DOA</li> <li>* Can we load grain if vessel does not have a DOA</li> <li>* Dock labour conversion</li> <li>* CSC plate</li> <li>* Container lashings</li> <li>* MSDS</li> <li>* MARPOL LINE</li> <li>* Hold preparations for loading coal</li> <li>* Coal from hold discharged and washed now what will you do with the wash water</li> </ul> | F2 |
| IYER     | 7-OCT-21   | <p>What have u prepared? Coal hazards and counter measures.</p> <p>Liquidation and how to avoid? Taking over cargo watch.</p> <p>IMDG vol and contents. I did product so how to control vapour contamination.</p> <p>I chemical tanker also so how harm ful is chemical from where?</p> <p>As a duty off things to check on deck wanted to hear eye wash and ppe level on deck</p> <p>Little more questions but not so tough.</p> <p>He is very polite and will let u speak.</p>   | F2 |
| IYER     | 13-JAN-20  | <ol style="list-style-type: none"> <li>1. How will you take over cargo watch on a bulk carrier loading iron ore?</li> <li>2. Heavy lift precautions.</li> <li>3. What is CSM and who approves it and how is it made?. (Flag state and solas + css code appendix2)</li> <li>4. What all lashing materials do you require on a container ship?</li> <li>5. MFAG EMS</li> <li>6. What is load density, what is SWL Proof load?</li> </ol>   | F2 |



|          |            |   |    |
|----------|------------|---|----|
|          |            | <p>7. IMDG stowage, and segregation table of containership. Full explanation.</p> <p>8. Hazards of grain.</p> <p>9. Hazards of sour oil cargo.</p> <p>10. What is a vapour return line?</p>   |    |
| IYER     | 13-JAN-20  | <p>Intro which ships and all? Liquefaction of coal.</p> <p>TML. Question related to partly filled grain?</p> <p>Taking over watch in bulk. Heavy lift example.</p> <p>IMDG purpose how to segregate.</p> <p>Precautions using heavy lift.</p>   | F2 |
| IYER     | 16-SEPT-19 | <p>Tell me everything abt lg system with diagram</p> <p>Difference between other cargo tank and bulk carrier cargo tk with diagram</p> <p>Why we can't do bundling and securing in bulk carrier</p> <p>Hazard of sulphur. IMDG everything in detail.</p> <p>All definition given in ernols book. Precaution while loading heav lift cargo.</p> <p>What is BHC code and its content. Draw a timber load line.</p>  | F2 |
| JB SINGH | 13-FEB-24  | <p>Type of ships sailed? Proof load?</p> <p>If Derrick SWL 30T then what will be the proof load?</p> <p>If Derrick SWL 10T then what will be the proof load?</p> <p>Chain register? Timber ship?</p> <p>IBC IGC TDC IMSBC why are they called codes?</p> <p>Dangerous cargo ? Mate's receipt?</p> <p>Bill of lading? Types of bills of lading? DG manifest?</p> <p>Answered all questions according to books still said that the answers are wrong and gave explanations as to what the answers should be.</p>  | F2 |
| JB SINGH | 18-JAN-23  | <p>Surge pressure, SWL.</p> <p>Proof load. Chain register with content.</p> <p>Critical temp. Union purchase.</p> <p>IMDG code. Classes with sub classes in detail</p> <p>Segregation in detail</p>   | F2 |
| JB SINGH | 13-JUNE-22 | <p>Types of containers. IMDG, IMSBC code contents.</p> <p>Classes of IMDG. WIDAS system requirements.</p> <p>How to load grain? How to clean hold after sulphur ore?</p> <p>Definitions of TMP, SF, MC.</p> <p>Draft Survey. Types of pipelines.</p>  | F2 |
| JB SINGH | 12-JAN-22  | <p>Started with what all ships done, presea.</p> <p>1. ISO type container.</p> <p>2. SWL</p> <p>3. TML</p> <p>4. Hazards of coal.</p> <p>5. SWL load of crane on your vessel and how much proof load for that.</p> <p>6. Proof load.</p> <p>7. Container lashing equipments as per which plan.</p> <p>8. IMDG classes, contents, EMS , stowage, segregation.</p> <p>9. How will you take over cargo watch.</p> <p>10. What information in loading plan.</p> <p>11. How to calculate for cargo without loadicator.</p> <p>12. Draft survey full procedure.</p> | F2 |

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|-----------|------------|---|----|
| JB SINGH  | 9-DEC-21   | <p>CONTENTS of stability booklet. Who issue ? who approve?<br/> TML? Proof load ? swl of crane of ur ship ?<br/> Hazards of imsbcb cargo<br/> What is dangerous cargo?<br/> Classes of imdg cargo?what is class 4<br/> Action if ig fail?<br/> What is intact buoyancy?</p>   | F2 |
| JB SINGH  | 12-MAR-21  | <p>Segregation table of IMDG ,<br/> What will happen if no IG in cargo tank,<br/> SWL of last ship crane. Tell me it's proof load.<br/> IG failure in Port action.<br/> 2 crew member join with you. How will you make muster list.<br/> Why life raft is fwd. I answered in case of fire.<br/> He wanted to hear ship break in between.<br/> Sart and EPIRB testing. Lb drill on board.</p>  | F2 |
| JB SINGH  | 4-FEB-21   | <p>What is IMDG cargo?<br/> IMDG DG table<br/> What is TML?<br/> What's are hazards of concentrate<br/> And hold preparation for the same?<br/> Precaution during voyage.</p>   | F2 |
| JORDAR    | 14-NOV-23  | <ol style="list-style-type: none"> <li>1. Broken stowage</li> <li>2. Union purchase, luff tackle</li> <li>3. Ig blower capacity</li> <li>4. Proof load test weight</li> <li>5. Primary and secondary venting method on tankers</li> <li>6. Type of chemical tankers</li> <li>7. Annex 1 discharge criteria</li> <li>8. Isgott ammendment</li> <li>9. IBC chapters</li> <li>10. Imdg code briefly explain</li> </ol>   | F2 |
| K GUPTA   | 7-NOV-23   | <p>Types of ship sailed on? (Both LPG)<br/> Cargo equipment on all types of ships except tankers? (asked in detail)<br/> How will you calculate breaking stress of a wire?<br/> What is SWL? Factor of safety?<br/> Difference between cranes and derricks?<br/> What is the name of the lifting gear used for containers (gantry)<br/> What is heel block? When will you condemn a wire rope?<br/> What is the difference in construction of the tanks in oil and chemical tanker? (chemical tankers are coated on the inner side to prevent interaction b/w cargo and structure which could lead to structural damage).<br/> Which chemical tankers don't have that coating? (Idk)<br/> Cooling down procedure on LNG ships? Loading procedure of LNG ship?<br/> Why do we need to cool down the tanks? And many more can't recall.</p> | F2 |
| KALYNATHI | 7-APRIL-22 | <p>Last vsl details? Cargoes carried. Hazards of all cargoes carried.<br/> IMSBC in detail with content. Groups of IMSBC.<br/> TML, FMP, MC. Angle of repose, which is not good for vessel low angle or high angle?<br/> Grains lashing, DOA. Grain stability req.<br/> IMDG code. Content of IMDG, supplements of IMDG. Segregation of IMDG cargo.<br/> SSSCL in detail. SSSCL for bulk carrier? Where you'll find it?<br/> Tanker operation.</p>  | F2 |
| KHAMBATA  | 10-AUG-21  | <p>Why vapour line is provided by shore?<br/> ORB part 2 entries<br/> Entries in cargo log book<br/> Taking over watch - checks<br/> What is broken stowage, how is it accounted for? And few more</p>  | F2 |

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| KHAMBATA   | 9-MAR-21   | Hold cleaning after discharge of coal. Mechanical advantage.<br>What is velocity ratio? SWL? How to know the SWL and testing procedure in details?<br>Inerting purging. PV breaker PV valve.<br>x meaning in IMDG segregation table. Precautions while loading in tankers.  | F2 |
| KL         | 19-JAN-24  | Imdg class. Mfag. Ems. TML.<br>Precaution while loading bulk cargo.<br>Pipe leak on gas carrier.<br>Why timber ship has less free board?<br>Tankscope and explosimeter.<br>What is surge pressure how to minimize?<br>Fixed fire system of gas carrier. Deck spray how it works?<br>Precaution while loading heavy lift.  | F2 |
| KL         | 19-JAN-24  | 1. IMDG code<br>2. mfag<br>3. ems<br>4. IMSBC basic definitions<br>4. how you will know the TML<br>5. hold preparation for heavy lifts<br>6. what is pressure surge<br>7. how will you do the wall wash test<br>8. what are the 3 test<br>9. why wall wash is done<br>10. difference between tankscope and explosimeter practically<br>12. if your tankscope is showing 1% then what reading explosimeter will show<br>13. purging and padding and more chemical tanker questions<br>14. MSDS contents<br>15. from where will you get the cargo density and some more questions | F2 |
| MAKESH     | 4-FEB-22   | Asked about mooring guide. What is rendering point?<br>How will u carry out brake test? When is it carried out?<br>Some questions on IBC code.<br>Asked to define some terms never even heard about it.<br>Is petroleum flammable.<br>What class does it come under If carried on tankers?<br>Uses of inert gas.  | F2 |
| MAKESH     | 14-OCT-21  | Primary and secondary venting<br>Methods of Gas freeing<br>what all types of valves you have seen on tanker and what type of valves are hydraulic operated valves<br>what is a dresser coupling/expansion joint and it's function where is it found<br>What is other arrangement in case ship do not have this coupling<br>enclosed space entry procedures and gas contents for entry   | F2 |
| MANCHALWAR | 23-JUNE-23 | 1. Stowage factor<br>2. Broken stowage<br>3. Load density<br>4. SWL<br>5. Angle of repose<br>6. Which angle of repose is bad<br>7. Mates receipt<br>8. Sulphur loading precautions<br>9. What code to use for grain cargo, dangerous cargo<br>10. Reefer loading precautions<br>11. Actions if the loaded container is damaged  | F2 |

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| MANCHALWAR  | 6-OCT-21  | Trim tables,<br>Vgm and why it came<br>How will know where is DG is loadde<br>Parts of IMDG<br>How will you take over cargo watch  | F2 |
| MANCHALWAR  | 2-AUG-21  | SW TO FW WT CHANGES,<br>COB<br>COF<br>HYDROSTATIC DRAFT<br>SEQ SURVEY PREP<br>FORM E   | F2 |
| MANHAS      | 9-NOV-20  | Describe Flammability diagram. What is it? What is too rich and too lean?<br>What is Grain code? Stability criteria for grain.<br>what is STEL (Short Term Exposure Limit) and TWA (Time Weighed Average)<br>what is LEL?<br>IMDG classes  | F2 |
| MANISH      | 14-OCT-21 | Which type of gas carrier you sailed on?<br>Was it cryogenic cargo or heated cargo?<br>Which type of tanks?<br>What is independent tank?<br>Boiling point of propane & butane<br>What will you do if temperature increases?<br>Were cargoes carried in series or parallel?   | F2 |
| MANISH      | 6-OCT-21  | PV valve and PV breaker difference Pressure setting of both<br>Flammability diagram full<br>Taking over watch on Tanker<br>COW precautions<br>Angle of Repose  | F2 |
| MANOJ KUMAR | 20-MAR-23 | * Stack weight<br>* Angle of repose definition....one is 15 and one is 10 which is more likely to shift<br>* Twist lock<br>* Code related to bulk carriers only names<br>* How to minimise static charge accumulation<br>* Angle of repose criteria<br>* How to prevent potential electric charge in cow<br>* IMDG supplements   | F2 |
| MARTIN      | 15-JAN-24 | 1.Static electricity ( he want hear properly as per Isgott)<br>2.What is prewash in tankers, which category requires pre wash (ANNEX 2)<br>3.VGM ( He wants to hear SOLAS amendment year which made it mandatory )<br>4. Do you know anything about ISGOTT,(YES OR NO)<br>5. Latest amendments of ISGOTT<br>6. PV breaker, is this primary source for avoiding pressure surge ( I went into primary and secondary venting, corrected me)<br>7. How will you prepare a tank for Gas freeing after discharging. (I started with what is gas freeing, said tell me how will you do it, not definition of what it is)<br>He wants to hear type of gas meters you will use and when will you use them. Don't forget to mention that we'll ensure cargo is stripped and tank empty.<br>8.What is CSS code?<br>9.what is BLEVE?<br>10. IMSBC, What it is, type of cargo under it? Applicable on what all vessels? What all information you'll get from it?<br>11.SOLAS requirement for Inert Gas?<br>12. COW<br>13. Deck seal | F2 |

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|         |           | 14. Flammability curve<br>15. Can we load IMDG under deck?<br>16. How will you find where can you load IMDG?<br>17. DOC, information given in it?<br>18. Can we load container in general cargo?<br>19. Why can't you load container on tankers? (It doesn't have CSS)<br>20. How will you check if container are properly lashed?<br>21. What is CSM?   |    |
| MARTIN  | 1-SEPT-23 | 1. How will you prepare tank for entry on chemical tanker?<br>2. Rollover<br>3. BLEVE<br>4. Hazards of gas cargo<br>5. Imdg cargo spill on deck action<br>6. Imdg applies to which all ships   | F2 |
| MARTIN  | 23-AUG-23 | 6 Static electricity ( he want hear properly as per Isgott)<br>7 Tank entry procedure in product tanker<br>8 What is prewash in tankers<br>9 BLEVE<br>10 Rollover in gas tanker<br>11 Hazards of gas tanker<br>12 VGM ( asked almost 4-5 qstns regarding this)<br>13 How we can understand proper lashing has been done on container<br>14 IMDG container leaking and one prsn unconscious action as oow<br>15 Spill during bunkering ops action as oow<br>16 IMDG Vol, category x?<br>17 Cof<br>18 No loadicator, how to load imdg  | F2 |
| MENON   | 16-NOV-23 | IMDG volumes<br>Imsbc ship groups<br>What is imsbc<br>Mfag ems<br>Liquification<br>Tml   | F2 |
| MIRANDA | 13-JAN-20 | 1. What type of ships i sailed.<br>2. What type of cargoes carried.<br>3. Precautions while carrying palm oil, paraxylene, sulphuric acid<br>4. How will you take over watch while loading palm oil<br>5. What type of pumping system onboard.<br>6. How framo works. Answered with basic terms because he's a capt of oil tanker and wanted to learn about framo from me.<br>10. What type of piping system for cargo.<br>11. What is ring main system.<br>12. What is line master v/v.<br>13. How do u carry out stripping in chemical tanker.<br>And some other basic questions.<br>14. Contents of Imsbc . Answered only contents as i didn't remember any chapter name<br>15. How many volumes in IMDG<br>16. What is EMS, MFAG.<br>17. Contents of Supplement of IMDG<br>18. What is Cargo securing manual. Full explanation | F2 |
| MITTAL  | 22-AUG-23 | Lifebuoy specifications. What is weak link? Explain<br>SEEMP in detail. Annex 3. COF ?<br>Trim tables? How will you update SOPEP?  | F2 |



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| MITTAL  | 27-OCT-22  | <ol style="list-style-type: none"> <li>1. What is stack weight</li> <li>2. Load density</li> <li>3. VGM and as per which regulation</li> <li>4. Stowage Factor &amp; load density what will you check while loading cargo?</li> <li>5. Chemicals as per IBC code</li> <li>6. Types of solid bulk cargo as per IMSBC</li> <li>7. Angle of Repose</li> <li>8. Which is good large or small AOR</li> <li>9. What is BLU code</li> <li>10. CSM and on which vessels it applies, as per which regulations CSM is mandatory</li> <li>11. IMDG container spill in hold action and cross questions on it</li> <li>12. How many classes of IMDG and what is class 5</li> <li>13. What is LEL</li> </ol>  | F2 |
| MITTHAL | 22-AUG-23  | <p>Angle of repose? Which angle is dangerous?</p> <p>Cargo securing manual. Types of chemical tankers in detail.</p> <p>Purging ? Methods of purging. CRB in detail.</p> <p>IMDG classes. Which vsls can load IMDG? Documents required to load IMDG</p>   | F2 |
| MOHIT   | 13-SEPT-19 | <p>T/O watch- container ship.</p> <p>Imsbc code content and groups of cargo.</p> <p>csn. imdg code.</p> <p>Duty of 2/O as per seemp, eedi</p> <p>pv breaker/vlv. scrubber flammability diagram draw and explain.</p> <p>draught survey, loadline survey.</p> <p>haz on chemical tanker.</p> <p>haz of coal cargo.</p> <p>Fire on dg container loaded on wrong position UN no. can't identify action.</p>  | F2 |
| MOHIT   | 12-SEPT-19 | <p>Take over cargo watch on container ship</p> <p>One container during loading smoke coming out, action.</p> <p>How to use EMS guide</p> <p>Enhanced survey program</p> <p>Amendment to Garbage</p> <p>New category in garbage</p> <p>Medical scale where it is kept</p> <p>What is medicine chest</p> <p>U have received fire fighting and life saving equipment and u don't knw abt the equipment which publication u will reffer to find out details.(LSA&amp; FSS code)</p> <p>Pictorial diagram given in IMGS are of what colour(Red)</p>  | F2 |
| MONDAL  | 9-JAN-24   | <ol style="list-style-type: none"> <li>1. Ships done</li> <li>2. In gas Carrier which codes to refer for loading</li> <li>3. What is SIGTTO</li> <li>4. Pre arrival Checks for Gas.</li> <li>5. Use of N2 on Gas.( Firstly i said N2 then i corrected to IG)</li> <li>6. Use of IG on gas.</li> <li>7. IG content.</li> <li>8. What all will you check while loading in gas Carrier</li> <li>9. Loading in bulk carrier u are on deck what will you check w.r. to cargo and which operation will be running (kisko pata hai bta do)</li> <li>10. What is load density.</li> <li>11. Where do you find load density.</li> <li>12. Who provides load density when it is given.</li> <li>13. Draw GUN tackle</li> <li>14. Breaking Stress,SWL, Proof load def. Gave def. Of breaking strength said wrong.</li> <li>15. Formula for Breaking stress wire rope 6X12</li> </ol> | F2 |

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|---------|-----------|---|----|
| MONDAL  | 7-NOV-22  | <p>1- what gases will you check prior man entry</p> <p>2- which gas equipment will you use</p> <p>3-hazards of concentrate</p> <p>4- where does liquefaction occur tank top or bottom?? I said on top</p> <p>If it occurs on top how will it affect stability of the vessel??</p>   | F2 |
| MONDAL  | 11-MAY-22 | <p>PA Manual. ISGOTT. PREWASH.</p> <p>RECIRCULATION LINE. HEATING REQUIREMENTS OF HIGH VISCOUS CARGO ( During Discharging and during voyage).</p> <p>Deck Seal. Venting System on tankers.</p> <p>Few more Oil and Chemical tanker questions.</p> <p>CONCENTRATE.</p> <p>T.M.P. (tests and definition and if not test failed than can load or not).</p>   | F2 |
| NAMBIAR | 25-NOV-22 | <p>How to load dg cargo? Precautions. Documents related with dg cargo.</p> <p>Can we load under? How far?</p> <p>IMDG Code- asked to give a brief description and Solas chapter. IMDG content.</p> <p>CSC code. CSC plate. Markings on container.</p> <p>IMSBC Code- associated terms. TML, repose. Load density.</p> <p>General cargo – DOA. Can we load without DOA.</p> <p>Gas tanker ship types, tank types. Difference between integral and independent tank.</p> <p>Rollover.Boil off gas.</p>  | F2 |
| NAVEEN  | 8-FEB-23  | <p>Started with which type of ship?</p> <p>Inert gas pressure while disc. Inert gas oxygen content.</p> <p>What type of deck seal I had on last vsl?</p> <p>Pv valv, breaker settings. Safety devices onboard to prevent back flow of hc into E/R.</p> <p>Gasoil hazards. Imsbc part 2 cargo.</p> <p>What r High density cargo - i gave ex but he wanted to hear abt sf, sf less thn 0.56 m3/t like ores? How will take over watch on tanker while disch?</p> <p>What will you do if manifold leaks while disch ( mention abt esd first action).</p> <p>What is critical dilution line on flamma dia. - tell abt the hc content it is not correctly mention anywhere but having seen the picture we can make out it is around 4% hc or less</p> <p>As per ISGOTT what is the max content of o2? Why on tankers we maintain 5% o2?</p> <p>How does pv breaker works? He went deep into ig pressure and safety setting..0</p> <p>If there is low pressure of what will happn ( alm and visual indication and wht more esd will stop cargo p/p). Study abt ig properly. Centrifugal pump. Npsh. Positive displ pump.</p> | F2 |
| NAVEEN  | 2-NOV-22  | <p>1) Cargoes as per IBC code where will you carry on chemical tanker</p> <p>2) EMS</p> <p>3) IG alarms</p> <p>4) where is the O2 sensor located</p> <p>5) Deck seal low water level alarm action</p> <p>6) Why water is used in deck seal</p> <p>7) PV valve and PV breaker and their settings</p> <p>8) mmwg to pressure conversion</p> <p>9) PV breaker water composition</p> <p>10) Cargo watch take over</p> <p>11) P/RM entry procedure</p> <p>12) Checks in pump room while cargo operation</p> <p>13) Pumps in pump room and alarms on them</p> <p>14) How to start a COP precautions while using cop and line up of the same</p> <p>15) Positive displacement pump advantages and precautions</p> <p>16) Hammering in lines</p> <p>17) Types of valves</p> <p>18) Manifold valves</p> <p>19) hazards of cargo</p> <p>20) Static discharge precautions</p> <p>21) Advantages of butterfly and gate valve</p>  | F2 |

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|--------|------------|--|----|
| NAVEEN | 18-OCT-22  | <p>Since i have done 2 tankers and 1 bulk. All questions were from tankers only.</p> <ul style="list-style-type: none"> <li>-Taking over watch port</li> <li>-General requirements COW, PV VALVE etc</li> <li>-Pump room equipments and what to check</li> <li>-Procedure prior entering pumproom</li> <li>-Rounds on deck what to check</li> <li>-Hazards of your last cargo (In detail)</li> <li>-ISGOTT basics</li> </ul>   | F2 |
| NAVER  | 21-JUNE-23 | <p>How will u load coal cargo? Heavy lift which derrick you will use.</p> <p>How many classes of lmdg? Load density. Stowage factor. Broken stowage.</p> <p>U have to load grain which publication you will use?</p> <p>Loding bulk cargo which publication. Loading gas which publication.</p> <p>Loading dangerous cargo which publication. Angle of repose.</p> <p>Which is more likely to shift? Name of container fittings(lashing equipments).</p> <p>PV vlv purpose. Mates receipt.</p> <p>You noticed damed cargo what u will do. Will you mention it in mates recipt.</p> | F2 |
| NAVTEJ | 15-NOV-23  | <p>Types of ships sailed. Publications for loading bulk cargo. CSC plate. Container lashing.</p> <p>CSM, CSS. Precautions for coal and sulphur. Hold preparation for bulk cargo.</p> <p>IMSBC, BLU. TLV. Loading in RO RO vessel.</p> <p>Dangers associated with Ro Ro ships. IMDG code in detail.</p> <p>Different pipeline system on tanker. Colour coding if IMDG labels. How to take over cargo watch. Torsional stress. Ship shore safety checklist ( bulk ).</p>   | F2 |
| NITIN  | 20-NOV-23  | <p>Stowage factor, Broken stowage, Load density, Angle of Repose, which is better more or less?</p> <p>What is concentrates, Hazards of Concentrates, Hazards of Coal, Emission of which gas?</p> <p>Actions in case of fire.</p> <p>Grain code. Mates Receipt. How to take over a cargo watch. UN no.?</p> <p>What is cavitation? How to avoid? Securing of Timber cargo?</p> <p>Lashing arrangements for containers.</p>   | F2 |
| NITIN  | 14-SEPT-23 | <p>IG alarms. Cow advantage. High density cargo.</p> <p>Stability criteria for cargo vessel. Coal hazards.</p> <p>Precautions for coal cargo. Precautions for loading heavy lift.</p> <p>Oxygen level in tank and ig line. Imsbc content.</p> <p>Bill of lading. Letter of authorisation ( few more )</p>  | F2 |
| NITIN  | 7-APRIL-21 | <p>Subdivision loadline..what is it n why is it used?</p> <p>Hazards on tankers. Commercial hazards on product tanker.</p> <p>Hazards n precautions of sulphur. Will sulphur in bulk have fire hazard?</p> <p>What is dump valve..it's importance n precautions while.operating it?</p> <p>Intact stability criteria for grain.</p> <p>How to calculate freeboard,On what factors it is based on</p>   | F2 |
| NITIN  | 2-FEB-21   | <p>Tell how do you load explosive</p> <p>What is the Use of reliquefaction plant on gas carriers, also tell with respect to engine</p> <p>What is annealing</p> <p>Precautions and loading of iron ore</p> <p>Precaution loading heavy lift cargo</p>  | F2 |
| OAK    | 16-FEB-24  | <ol style="list-style-type: none"> <li>1. Tml, fmp, sf, LD, broken stowage</li> <li>2. BLU code content</li> <li>3. IMSBC Contents</li> <li>4. Spontaneous combustion</li> <li>5. Fire precautions on gas carriers</li> <li>6. SWL, breaking strength</li> <li>7. Brine solution and its use</li> <li>8. Types of containers</li> <li>9. Container securing arrangements</li> </ol>  | F2 |

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|-----|-------------|--|----|
|     |             | 10. Cargo securing manual contents<br>11. DOA and grain securing methods<br>12. Volatile cargo definition  |    |
| OAK | 16-FEB-24   | Type of ships sailed. What is isgott? Blu.<br>How will you take sample from cargo hold completely filled during voyage?<br>Pump room alarms. Alarms in bulk carrier.<br>At what level bilge alarm is activated in bulk carrier (what are 2 conditions).<br>At night 2'O clock you hear bilge alarm from pump room. Action.   | F2 |
| OAK | 15-FEB-24   | Name the certificates required for cargo in chemical tankers<br>Name the certificates required to receive cargo for the rest of the ships<br>What is flame arrestor and flame screen where is it found in ship and what is use<br>What is load density? What are the alarms of pump room?<br>What is esd where is it found and when to press it?<br>How many types of containers are there, Name all the types.<br>Name the type of coating used for chemical tanks.<br>What is the use of certificate of fitness?<br>How to purge, inert, gas free?<br>Pv breaker pv valve.<br>Question related to bay, row and tier. | F2 |
| OAK | 13-FEB-24   | Amendment in ship shore safety checklist of tanker (didn't know).<br>Where all are esd on tankers. Then asked which all ships u have done i said bulk and container. Then asked segregation for imdg.<br>Is gott full name and contents. Diff types of containers.<br>Then int came in between said how u performed i said good in both.<br>But he started asking rubbish ques in f2<br>Yoyo gear and how it works and all in detail<br>Same ques ship shore safety checklist new amendments. Ocimf.   | F2 |
| OAK | 4-JAN-24    | What type of ship done? What action will you take if snake sighted while carrying logs (cross questions). 5 certificate for carriage of cargo.<br>Which ship entitled to carry COF?<br>Full form of isgott. Content of isgott checklist.<br>DOA for which cargo.<br>What is OCIMF? Angle of lol.   | F2 |
| OAK | 20-NOV-23   | Which vessel and which codes apply to it. TML, FMP, TLV.<br>How to calibrate gas meter? Tankscope and explosimeter and their functioning.<br>Your ship is listed to port side what action you will take (i told him im OOW I don't have authority to alter from cargo plan, I'll inform c/o and he'll carry out the specific action)<br>Reasons for list? What is marpol line? Checks prior loading.<br>Oil cargo calculation (detail). What's imdg and contents?<br>What is CSM and contents? Vessel will follow CSS or CSM.<br>What's chain register?  | F2 |
| OAK | 18-APRIL-23 | ° ISGOTT FULL FORM & CONTENT<br>° IMSBC<br>° TYPES OF CONTAINER<br>° PV VALVE / PV BREAKER<br>° MASTERISER<br>° EXPLOSIMETER<br>° Tank Scope<br>° FLAMMABILITY Diagram<br>° PUMP ROOM ALARMS<br>° TYPES OF TANKERS AS PER IBC<br>° TAKING OVER THE CARGO WATCH<br>° INATACT STABILITY CRITERIA - TIMBER AND TANKERS<br>° IMDG CLASS<br>° BRINE<br>° DUNNAGE types<br>° TLV<br>° TML<br>° STOWAGE FACTOR<br>° STOWAGE FACTOR OF HIGH DENSITY CARGO  | F2 |

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|-----|-----------|---|----|
|     |           | <ul style="list-style-type: none"> <li>° PUMP ROOM LEAKAGE ALARM ACTION ?</li> <li>° WHAT IS CARGO WORK</li> <li>° WHAT IS SWL</li> <li>° WHAT IS ANGLE OF REPOSE</li> <li>° HOW TO CALCULATE ANGLE OF REPOSE</li> <li>° DIFFERENT TYPES OF PIPELINES ON TANKERS</li> <li>° WHAT IS PROOF LOAD</li> <li>° WHAT IS ASTM FULL FORM AND WHICH ASTM FOR WHICH CARGO</li> </ul>  |    |
| OAK | 17-MAR-23 | 1) TML<br>2) Type of pump on last ship What is max pressure of framo pump<br>3) ASTM full form<br>4) Which table to refer in ASTM for oil<br>5) Which instrument you used to measure gas<br>6) Which all gas it shows<br>7) How will calibrate gas meters<br>8) What all alarms will you find in pump room<br>9) How will you take over cargo watch in bulk carrier   | F2 |
| OAK | 6-MAR-23  | TLV, TML, Content of CSM.<br>Method of venting tank. PV valve setting.<br>If PV valve rise up below setting what conclusion you make from it (reason to fail in this).<br>Angle of repose. Which angle of repose is dangerous?<br>Alarms in pump room.  | F2 |
| OAK | 2-DEC-21  | ISGOTT content, BLU code<br>Ocimf, Alarms on deck seal,<br>Pv breaker & pv valve, Lashing on containers,<br>Ship shore checklist in details, Few questions on IMDG  | F2 |
| OAK | 11-MAR-21 | Pressure of hydraulic hatch cover system<br>Types of containers and types of lashing<br>How to identify subsidiary risk<br>Reefer loading precautions<br>Container seal is broken, action<br>TML<br>Angle of repose<br>Duration of temp records stored in the reefer container  | F2 |
| OAK | 11-MAR-21 | TLV and EG of TLV. IMSBC. CSM. BLU<br>Bayplan. SCBA requirements. How do u refill SCBA cylinder?<br>Alarms on fire control panel. How do u deactivate the ECDIS which u have activated by mistake? GMDSS walkie talkie batteries.<br>Stable equilibrium. SECA regions and what is SECA  | F2 |
| OAK | 9-NOV-20  | When did u sign off from last vessel? when did you give your written attempt?<br>Contents of CSM (Cargo Securing Manual).<br>You are on cargo watch, you see a parcel is being loaded by a crane operator on your ship which is torn and damaged. (ships crane). How will you stop him?<br>(A lot of discussion on this. Foreman went to drink tea so cant tell him, i went on deck and the crane man ignored me, ) I said i will switch off the power supply to the crane just like an emergency stop then inform him about it. He was happy with the answer.<br>Pumproom alarms. Which type of pumps on your ship?<br>Stowage factor, broken stowage, load density, angle of repose, types of containers.<br>What dunnage you will use to load a container on general cargo vessel.<br>How were your framo pumps working on ship? electrical or what? ( I said hydraulically driven)<br>Where is the hydraulic system situated on ship? ( I said forepeak store ) | F2 |



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|           |            | Which type of ventilators used for forepeak store? What hydraulic pressure the system showed? If during cargo watch at night your vessel lists to stbd suddenly. what action will you take? Since you did chemical tanker, what procedures you follow after arrival to port of unloading? How will you take over a cargo watch? IMDG contents. During watch if you find that a container is loaded with seal broken what will you do? |    |
| OSWAL     | 3-FEB-22   | FMP, TML, Relation between FMP and TML.<br>IMDG Classes, Content, Supplements<br>Stowage requirements, COW k types<br>Last ship cargoes, which category they fall under, how to segregate, what is marpol line, What is difference between save all and drip try.<br>Mast raiser, Deck seal, Material used inside deck seal<br>PV breaker, PV valve, IG, why it is used.  | F2 |
| OTTERAN   | 11-JAN-22  | Hazards of sulphur, grain<br>Some cross questions couldn't answer properly told giving COC for all grades so should know apart from tankers( didn't ask anything about tankers  | F2 |
| P KUMAR   | 11-JULY-23 | MARPOL ANNEXES.<br>DISCHARGE CRITERIA FOR ANNEX 5. COF. FLARE.<br>TUMBULBEHOME. ANGLE OF LOLL. CORRECTIVE ACTION.<br>ISM CODE CERTIFICATE. INTACT STABILITY AND DAMAGE STABILITY.<br>CO2 SYSTEM RELEASE PRECAUTIONS. RESERVE BUOYANCY.<br>RISE OF FLOOR. SOLAS A SOLAS B PACK.<br>CONTENT OF SOLAS SPECIALLY 9,10,11.<br>CERTIFICATE OF REGISTRY.   | F2 |
| PANIGRAHI | 17-MAY-22  | Cargo leaking from mast riser action<br>Properties of petrol<br>Temp rise in hold action<br>Stowage factor def and unit<br>Load density def and unit<br>MSDS  | F2 |
| PANIGRAHI | 9-FEB-22   | 1- IMSBC code<br>2- SSSCL content<br>3- Unit of load density and SF<br>4- Fire while loading Coal Action<br>5- Classes of IMDG<br>6- Oil coming out of mast riser action  | F2 |
| PARDHASYA | 21-AUG-23  | Action in case of oil coming out of mast riser<br>Action in case of smoke coming out from hold loaded with coal<br>Action in case of load density exceeded while loading steel coils<br>Ship shore safety checklist tanker<br>Stowage factor<br>How to calculate load density   | F2 |
| PC MEENA  | 7-JULY-22  | Bail capacity, Grain capacity.<br>Moisture migration.<br>IMDG IMSBC full form only.<br>Breaking stress of nylon rope.<br>Type of segregation in IMDG.<br>Liquification of coal. Stowage factor. DOA.  | F2 |

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| PC MEENA | 10-AUG-21  | Groups of IMSBC, coal under which group<br>IMDG applicable if Radioactive material carried in bulk?<br>Shippers declaration what all details in it<br>During loading/disch scuppers are open or closed? As per which regulation? What is the regulation to open / close scuppers<br>In loadicator what are the diff modes? Sea mode/harbour/etc.  | F2 |
| PC MEENA | 4-AUG-21   | Which ship u have done I said tanker<br>Draw hatch cover and explain<br>Draw bilge and explain<br>Expain bulk carrier from hatch to tanktop with all parts  | F2 |
| POSVAL   | 4-JAN-24   | -General idea about Isgott<br>-Does isgott contain permits?<br>-Told me to read ocimf guidelines for Red Sea attacks, he said although it's not in your course but do get knowledge.  | F2 |
| POSVAL   | 20-SEPT-23 | Bale capacity<br>Stowage factor and broken stowage<br>From where will u find stowage factor?<br>Hazards of coal<br>Discharging operation checks on tanker<br>Content of isgott<br>Content of imsbcode<br>How will u ventilate cargo hold?   | F2 |
| POSVAL   | 11-MAR-21  | Which ship ...I said RoRo. Poswal said why roro only why not tanker?<br>Then external started with RORO. Precautions in RORO.<br>How to maintain watertightness? What precautions u take while loading, discharging?<br>What are hydraulic cleat, and hinges and many more in RoRo.<br>Then tanker venting arrangements.<br>PV valve, flammability diagram, inserting , static electricity ,MFAG, ems ,VGM, timber loadline<br>Then Poswal enter - static accumulator, tanker precautions, flame arrestors, ISGOTT, latest amendment to ISGOTT, IMDG and content. | F2 |
| PRAMOD   | 21-NOV-23  | - MARPOL all annexes<br>(During the duration of this answer, they both muted and were on call with each other and were laughing so loud I thought I'm gonna fail in all)<br>- SOX emission regulation<br>- GM<br>- Centre of buoyancy<br>- Pivot point<br>- Wheelhouse poster<br>- What to check in liferaft after it's one year survey?<br>- Flare<br>- Angle of loll<br>- Fire drill requirement<br>- pivot point when at anchor  | F2 |
| PRAMOD   | 21-NOV-23  | - why is draft survey done<br>- How is oil in a tank calculated manually without loadicator?<br>- Full form of ASTM table( I used wrong words)<br>- Chain register and contents   | F2 |

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| PRAMOD      | 21-JUNE-23 | 1-draft survey<br>2-imdg , content, class, segregation, purpose<br>3- imsb, purpose and content<br>4-load test of crane<br>5-inerting, purging<br>6-csc plate content<br>7- fire in imdg container, report & action<br>8- distance between draft marks<br>9- sopep & content   | F2 |
| RANGANATHAN | 18-AUG-23  | Types of ships done<br>1) What is COW system, how does it work ?<br>2) Stages of COW<br>3) Hold preparation for Sulphur<br>4) Hazards of Concentrates<br>5) IMDG segregation   | F2 |
| RANGANATHAN | 23-MAR-23  | 1) PV valve PV breaker difference<br>2) IG requirement<br>3) Purpose of line master and drop Valve<br>4) COW solas requirement<br>5) Tank cleaning machine and slop tanks requirement<br>6) Content of Solas Chapter<br>7) Ship Shore safety checklist parts difference between new and old checklist<br>8) Educator in detail<br>9) Can ship load with DOA<br>10) How to start Centrifugal Pump what is efficiency of Centrifugal Pump  | F2 |
| RANGANATHAN | 16-SEPT-22 | Types of ships. All bulk. He said we will ask basic qun of other ships also.<br>Burlap use, strumbox, which vlv used in bilge, purpose.<br>Bill of lading, mate's recipt. Grain stability criteria.<br>Hazards of coal, wat checks during voyage, where do u record bilge soundings. Purpose of recording sounding, When can load grain with out DOA?<br>How to check weather tightness of hold? What all things in deck log book?<br>How to start loading in tanker slow then why?  | F2 |
| RAO         | 22-FEB-24  | What is MARPOL 73/78? Contents.<br>All annexes. At this moment, external went and told me to keep telling the answer.<br>What is Chapter 12 of SOLAS contents.<br>Whom does it apply?<br>Certificate as per STCW for ship crew. Certificate to ship as per STCW.   | F2 |
| RAO         | 5-FEB-24   | 1. Tanker cargo calculation.<br>2. ASTM Table (6A\6B\54A\54B)<br>3. Composition of IG.<br>4. IG from ER to cargo tanks in detail.<br>5. inerting\puging\Gas freeing<br>6. ISGOTT (full form/ last edition/ changes in last edition)<br>7. Draft survey<br>8. Hazards of coal<br>9. SWL, Breaking stress, factor of safety (definition & relation between them)<br>10. IMSBC code contents & objective.<br>11. Which all cargo comes under IMSBC. (told me to find and get familiar after oral)<br>12. IMDG content & classes<br>13. IMDG segregation methods.<br>14. Bay plan (tell me everything you know about bay plan)<br>15. asked something like.. stability ceiteria as per GREEN CODE.(not sure) | F2 |
| RAVINDRA    | 8-FEB-22   | Dimensions of 20ft, 40ft container<br>High cube container dimensions, how will you identify<br>CSC Plate. Stack weight.<br>What's the purpose of check digit and its principle?<br>What's the barrier between the hazardous and non-hazardous part in the IG System?<br>Intact stability criteria for grain, timber, container and oil tankers   | F2 |

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|-----------|-------------|--|----|
| SAGAR     | 19-FEB-24   | <p>1) swl bale capacity unit for storage factory</p> <p>2) how will u know sf of any cargo I said shipper declaration he said and? I didn't knew more than this</p> <p>3) he asked hazards of bulk cargo</p> <p>4) hazards of coal cargo in detail</p> <p>5) hazards of concentrates</p> <p>6) what all firefighting system was there on your deck on bulk carrier (I said for holds it was fixed CO2 system he wanted to hear for e/r spaces and other spaces for paint he asked y sprinkler is fitted is it suitable for extinguishing paint fire I said no then he said ok then y it fitted there i said if we know that a fire has occurred due to a combustible material then we can use it he said how would u know will u open it? I got hanged there and was not able to answer</p> <p>7) he said how will u check in bulk carrier what are the properties of bulk cargo as per imsb - i said I will use the shipper declaration and tests are mentioned in imsb code for determining various properties we will perform them he said ok good</p> <p>8) then he said what is proof load</p> <p>9)PLD what it is can we exceed it ? I said no he said if pld is exceeding just by 2t can u load it? I said then we can he asked how I said by using dunnage or some other arrangements he smilingly said ok "never say no to cargo" 😊</p> <p>10)precautions of cow - Initially only i mentioned that vsl must have an approved cow arrangement plan he asked who approves it I said flag he said and I was not able to answer</p> <p>11)can we load grain in bulk for vsls not having doa,conditions</p> <p>12) general cargo intact stability requirements</p> <p>13) what checks u carry while loading oil cargo</p> <p>14) what is mast raiser</p> <p>15) what is pv valves pv breaker and their pressure setting and functioning</p> <p>16) mast raiser fire ,actions?</p> <p>17) how to know If a substance is marine pollutant I said shipper provides data for that he said that's ok but how would u determine it after seeing it this question I was knowing but some how missed it he said marking is done on it</p> <p>18) contents of imsb</p> <p>19) contents of blu code</p> <p>20) contents of imdg code</p> <p>21) why bs is added to sf</p> <p>22) BLEVE</p> | F2 |
| SANTOSH   | 26-APRIL-21 | <p>What is angle of repose? Grain securing method.</p> <p>What is IMDG? What is IMSBC?</p> <p>What is Timber Code? Hazards of timber.</p> <p>Contents of IMSBC. Difference between segregation and compatibility .</p> <p>What is ISGOTT? Tanker operation.. He want he hear as per isgott we have to follow.</p> <p>Flammability diagram.</p> <p>What is inerting? What is purging ? Draw imdg symbol 7?</p> <p>Coal hazards. What is TML? What is FMP?</p> <p>What is moisture content? What is stowage factor? What is breaking stress?</p>   | F2 |
| SANTOSH   | 13-NOV-19   | <p>IMSBC cargoes who brought it into existence,</p> <p>FOAM system diagram,</p> <p>CO2 system diagram ,</p> <p>static charges how will you combat .</p>  | F2 |
| SARABJEET | 7-MAR-22    | <p>As an officer how will you carry out a loading and discharging operations?</p> <p>Difference between dangerous and hazardous goods</p> <p>What all docs for the carriage of DG</p> <p>Explain the mooring arrangements.</p> <p>What is the use of forward and aft mooring lines?</p> <p>As per ISPS what all checks you I'll carry out</p> <p>Number of security levels and who decides the security levels</p> <p>Using drafts how will determine hog and sag. SF, LD.</p>   | F2 |

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| SARABJIT | 7-JUNE-22 | <p>What type of ships have you done?</p> <p>How will you take over cargo watch as an officer , what instructions you will give to your AB's ?</p> <p>What will you check on deck when you take round prior cargo watch</p> <p>Cargo documents</p> <p>Loading/ disch plan how to follow plan if not able to follow what to do?</p> <p>CSM objective and contents?</p> <p>How will you check SF/BM?</p> <p>Who told you to comply with IMDG 🙄 where it is written to follow IMDG</p> <p>Classes of IMDG and some questions on EMS, MFAG , DG manifest</p> <p>Some definitions like bale capacity etc and small cross question</p>  | F2 |
| SARBJEET | 10-MAR-22 | <ul style="list-style-type: none"> <li>SF and BM</li> <li>Grain code and DOA</li> <li>Checklist for tanker. What will you refer (SSSCL – ISGOTT, Part - 4)</li> <li>Checklist for Bulk Carrier. What will you refer?</li> <li>What is shipper declaration, Bill of lading &amp; types.</li> </ul>  | F2 |
| SARIN    | 3-AUG-23  | <p>Definitions: Stowage Factor, Load density, Transportable Moisture Limit, Stack weight</p> <p>Classes of IMDG and IMSBC. How many volumes of IMDG?</p> <p>What do you mean by limiting quantity? (I didn't know the answer to this, so he told me you can find this volume 1 of IMDG Code).</p> <p>If you have UN nos. of two cargoes, where you will find information on how to segregate them? (You will obtain that info from the shipper's declaration and Vol. 2 Part 3 of IMDG Code). Explain Flammability Diagram (theoretically, no diagram).</p> <p>Hazards: Coal &amp; Sulphur. Precautions during loading of coal? Precautions while carrying coal?</p> <p>Contents of CSM</p>                          | F2 |
| SARIN    | 26-FEB-23 | <p>VGM. Group of cargoes under IMSBC (A,B,C).</p> <p>Critical dilution with air (flam dia) and where is it useful?</p> <p>IMDG loading (duty off) precautions (I told precautions and then he asked if you will refer any book or code? then I told about PSN and UN number from vol2 and EMS and mfag from supplement).</p> <p>TML. Union purchase Derrick ( I didn't know so told I'm not able to recollect but will revise after orals). Parts of union purchase (I told few parts).</p> <p>Types of Derrick (I told same I'm not able to recollect) 🙄</p> <p>Heavy lift precautions (u r duty off)?</p> <p>IBC code (I also told about BHC code along with date and year it came into force he's was happy).</p> | F2 |
| SHARDA   | 24-JAN-24 | <p>1-Ld</p> <p>2Sf</p> <p>3For which cargo imdg code applies</p> <p>4lg all components in details</p> <p>Imabc</p> <p>5Concentrates hazards</p> <p>6Solid bulk cargoes hazards</p> <p>7Volatile cargo</p> <p>8Naptha hazards and what are its special hazards different from other cargoes</p> <p>9MSDS in detail</p> <p>10 Grain code</p> <p>11sugar, rice precautions and hazards</p> <p>12gas oil 10ppm hazards</p> <p>13 inert gas k baare mai detail mai</p>  | F2 |
| SHARDA   | 24-JAN-24 | <p>1. Tml, fmp, sf, LD, broken stowage</p> <p>2. For which cargo imdg code applies</p> <p>3. Coal hazard</p> <p>4. How oxidation happens in coal cargo</p> <p>5. Name of acid produced in coal</p> <p>6. Inertgas system all component in details and use of all component</p>   | F2 |



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|        |           | <p>7. How u discharge oil from cargo pumproom( he want to hear discharge from pumproom bilge to slop tank via stripping pump and discharge according to reg 34 of annex 1)</p> <p>8. Amendment of imsbcb</p> <p>9. What publication required for oil tankers</p> <p>10. isgott latest edition and year and amendment</p> <p>11. Which kind of ship carry grain cargo</p> <p>12. Volatile cargo definition</p> <p>13. High density cargo definition</p> <p>14. Heavy lift how to determine? 10,20,30 tonnes? (idk)</p>  |    |
| SHARDA | 18-MAY-23 | <p>1: What will you do if reefer not able to maintain temperature?</p> <p>2: What is fog lance kit? I didn't know anything about it so he said "have you ever heard about it? U are from container background u must know about it".</p> <p>3: IMSBC code</p> <p>4: Stack weight</p> <p>5: Flammable diagram?</p>  | F2 |
| SHARDA | 18-MAY-23 | <p>1: what is load density?</p> <p>2: sulphur hazards</p> <p>3: what is concentrate?</p> <p>4: hazards of concentrate?</p> <p>5: new amendments of isgott</p> <p>6: TLV</p> <p>7: VGM</p> <p>8: imdg classes</p> <p>9: imdg segregation</p> <p>10: container lashings</p> <p>11: name of hook of long n short bars</p> <p>12: emf</p> <p>13: mfag</p> <p>14: teu capacity of last ship?</p> <p>15: bay naming for 40 feet containers</p> <p>16: type of containers and purpose?</p> <p>17: precautions while loading reefer?</p> <p>18: voltage of reefer plug on ships?</p> <p>19: Can all ships carry grain?</p> <p>20: what is DOA?</p> <p>21: coal hazards?</p>  | F2 |
| SHARDA | 25-OCT-22 | <p>1. Load density, Stowage factor, Angle of repose.</p> <p>2. IMSBC Cargoes, hazards</p> <p>3. Hazards of concentrates (specifically liquefaction)</p> <p>4. How many reefers loaded onboard your container vsl?</p> <p>5. Reefer Container plug in voltage (guessed 110V),</p> <p>6. Checks for reefer container carriage as a duty off (told him we will check the set temperature as per reefer manifest, he told it's not a manifest it's a list of reefer - i said ok and other continued with other checks reqd.</p> <p>7. Which Gas is used for reefer container? (R134a)</p> <p>8. What is TEU? and dimensions of the same, Bay Numbering?</p> <p>9. What code is applicable to Containers? ( I said IMDG) ?</p> <p>10. To Which all ships is IMDG applicable?</p> <p>Moving on to Tankers</p> <p>11. What all Cargoes carried?</p> <p>12. Hazards of Naphtha?</p> <p>13. Fixed firefighting system on Deck of tankers, Type of Foam used?</p> <p>14. Pump room fixed firefighting? (I said sir onboard my vssl pump room was on Deck, and protected by sprinkler system? He said ok you've done product carriers!)</p> <p>15. What guidelines referred to Oil Tankers? (ISGOTT)</p> <p>16. ISGOTT latest edition and amendments?</p> | F2 |

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|        |            | <p>17. Enclosed space drill frequency?</p> <p>18. What is volatile cargo? (FP&lt;60deg C).</p>   |    |
| SHARMA | 21-NOV-23  | <p>Asked about size of last ship( i replied VLGC 84000m3)</p> <p>types of cargo carried(butane and propane)</p> <p>Specific gravity of butane and propane</p> <p>if specific gravity increases what happens to pumping capacity increase or decrease?</p> <p>Discharge rate of last vessel</p> <p>How do you control tank pressures</p> <p>how reliquification plant works</p> <p>Function of top spray and bottom spray</p> <p>How to control tank pressures using top spray and bottom spray What to use when</p> <p><u>Switched to containers:</u></p> <p>As an OOW how will you ensure effective cargo watch, Which can bear more load on deck or underdeck tanktop, what is stack weight, value of stack weight any idea( i said no sir but it is given on CSC plate), can you load a heavier container on top a lighter container, factors to consider, How do you plan on loading a single DG container if you have to( i Said stowage group), documents required for loading containers?</p> <p>explain segregation table? segregation table for containers?</p> | F2 |
| SHARMA | 3-APRIL-23 | <p>Seemp. Eedi. Marpol annexe 1 what is significant?</p> <p>Marpol annexe 2 discharge criteria and category x y z os definition.</p> <p>What is marpol annex 5. Garboard strake. Shear strake.</p> <p>What is hydrostatic draft? What is righting lever and formula for same?</p> <p>Enclosed space entry what precautions will take before during and after entry.</p> <p>Lifeboat maintenance and checks. On load off load release.</p> <p>Duration for inspection of liferafts and what all will you check.</p> <p>Ism code functional requirements which solas chapter.</p> <p>Eca. Sox permissible limits in and out of eca.</p>  | F2 |
| SHARMA | 3-APRIL-23 | <p>Stackweight. Precautions while loading reefer and trouble shooting for reefer with various alarm codes. What will you do if reefer not able to maintain temperature?</p> <p>TML. Which cargo emits methane?</p> <p>Hazards of methane. Type of ventilation required for methane.</p> <p>High density cargoes and precautions. From where you will find lashing plan onboard ship.</p> <p>Types of venting system on tankers. MFAG in details how to use and significance.</p>   | F2 |
| SHARMA | 15-NOV-22  | <p>1. Hold preparation before loading coal</p> <p>2. TLV</p> <p>3. Hazards of coal</p> <p>4. Difference between spontaneous combustion and self-ignition</p> <p>5. Fixed firefighting system on Gas carrier</p> <p>6. IMDG contents</p> <p>7. IMDG volume 2 how many columns are there?</p> <p>8. Where is your ship and till what load line you will load? From where you will get the information?</p> <p>9. What is Check digit on container?</p>   | F2 |
| SHARMA | 6-SEPT-22  | <p>1. Tanker stability criteria?</p> <p>2. Line of critical dilution?</p> <p>3. Static electricity, precaution?</p> <p>4. IG blower capacity?</p> <p>5. IMSBC?</p> <p>6. Angle of repose &amp; applicable for which cargo?</p> <p>7. IMDG segregation?</p> <p>8. DOA?</p>  | F2 |

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| SHARMA     | 9-FEB-22   | <p>Why grain cargo different than solid bulk cargo?</p> <p>Which cargo other than grains having similar properties in solid bulk? (Sulphur)</p> <p>Main feature inside hold of a bulk carrier? (Upper and lower hopper for self trimming)</p> <p>Methods for securing grain cargo shifting?</p> <p>Precautions for crew members entering the hold for securing grain cargo? (Wants to hear safety line attached to safety harness when they enter inside the hold)</p> <p>As you have done VLOC, what special feature in its construction from other bulk carriers? (Side shells present which reduces breadth of hold which increase height of cargo loaded and resultant KG is comparatively higher which relaxes the stiffness of the vessel to some extent)</p> <p>What method followed by other bulk carriers for the above advantage? (Alternate hold loading)</p> <p>What are the disadvantages of this alternate loading? (Stresses increased)</p> <p>Which stress increased? (Shear stress)</p> <p>What things to check before loading container on hatches? (Load density of that hatch cover)</p> <p>What things to check while stacking containers? (Stack weight of individual containers)</p> <p>If 6 container to be loaded on stack with same weight and eg. 20T is it permissible? (We need to check Stability information, CSM, etc)</p> <p>Does only the weight of container suffice for loading on hatches? (The factor of 1.8g should be considered as due to heaving/pitching along with the weight additional force is exerted by the containers. It is also mentioned on the CSC plate)</p> | F2 |
| SHASHI     | 9-APRIL-21 | <p>Stability criteria of grain, Gz, KN stability curves, Lashing of grain</p> <p>Hazard of coal, sulphur.</p> <p>Load density, Can we load more than load density, DOA and can we load without it</p> <p>IMDG content segregation (separated from)</p> <p>Container lashing use of some of the lashing, CSM manual, Chain register parts, Annealing, Proof load, Proof load if SWL is 25T Cow requirements and many more can't collect.</p>   | F2 |
| SK KUMAR   | 4-JAN-24   | <ol style="list-style-type: none"> <li>LD</li> <li>grain and bale capacity</li> <li>Sulphur hazards</li> <li>Heavy lift hazards</li> <li>Heavy bulk cargo hazards</li> <li>IMSBC contents</li> <li>Chain Register in detail</li> <li>How to take over cargo watch?</li> <li>Sf</li> <li>Ig alarms</li> <li>Venting methods on tankers</li> </ol>  | F2 |
| SK KUMAR   | 7-JULY-23  | <p>Definition: Load Density, TML. Supplement of IMDG.</p> <p>Primary &amp; Secondary Venting. Its setting.</p> <p>Hazards of Concentrates. Coal Hazards.</p> <p>What precautions will you take? Surface Ventilation.</p> <p>When will you carryout ventilation?</p> <p>Cargo &amp; Ship Sweat. Dilution &amp; Displacement Method.</p> <p>Use of Purge Pipe. (He asked me abt one more type of pipe &amp; difference between this pipe &amp; purge pipe. I didn't answer.)</p> <p>Height of PV Valve. Mate Receipt. DOA.</p> <p>How will you load heavy lift cargo?</p>   | F2 |
| SRIVASTAVA | 7-FEB-20   | <ol style="list-style-type: none"> <li>CSM manual, sf, load density, TPC, FWA, proof load</li> <li>How will you load cement hold preparation?</li> <li>Diagram and explanation of union purchase</li> <li>SWL load of union purchase</li> <li>What is annealing</li> <li>Type a and type b ship</li> </ol>  | F2 |

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| SRIVASTAVA  | 4-SEPT-19 | Container loading<br>Csm contents<br>Cn u load container on cargo vsls other thn container ships<br>IMDG<br>COW<br>SOPEP purpose n contents<br>VGV (verified gross volume)  | F2 |
| SUBHADIP    | 12-OCT-23 | TLV, TLV-TWA, TML, PURGING & INERTING,<br>DOA FOR GRAIN CARGO, CAN U LOAD CARGO WITHOUT DOA,<br>INTACT STABILITY on Grain cargo (with DOA & without DOA),<br>IMDG CODE & SUPPLEMENT, SOLAS CONTENT,<br>CONCENTRATE & IT'S HAZARD, TARE WEIGHT & STACK WEIGHT,<br>CHECK DIGIT, ISGOTT & IT'S AMENDMENT.  | F2 |
| SUBRAMANIAM | 18-MAY-22 | Which types of ship done?<br>What is IG system, under what regulations and convention, how it is used on board?<br>Function of deck seal<br>Two valves which acts as safety measures other than deck seal<br>What if ig from cargo tanks enters engine room<br>Which types of cargo carried<br>What is the category of Sunflower oil<br>What is the pre wash<br>Category Y cargo definition and example<br>Category X cargo<br>What is PV breaker and it's functions<br>What was the setting of PV breaker on yiu r last ship<br>Calling down in gas carrier<br>Where will you find MSDS onboard<br>What are its sections<br>IMSBC aim<br>What is Category B cargo<br>What is Category A cargo<br>Hazards of coal<br>Is coal Cat A or Cat B cargo<br>What is ship sweat<br>What is the method of ventilation<br>Will you do ventilation or not<br>Category B cargo fwhile loading fire occurred What actions you will take and what publication yiu will refer<br>Examples of Category B cargo<br>IMDG aim<br>Classification of imdg cargo<br>Why there is need to classify imdg cargo<br>Dangerous/hazards of DG cargo<br>You have fire on a contrainer containing DG cargo , action<br>What publication you will refer<br>What are various methods for lashing container<br>What manual yiu have onboard for lashing<br>Under which code it is mandatory<br>Contents of CSM manual<br>IMDG is applicable to which ships is it applicable to bulk Carrier<br>Cooling down in gas carrier | F2 |
| SUNDARAM    | 9-OCT-19  | RAPID FIRE, Bale capacity.<br>Grain capacity, INTACT STABILITY OF GRAIN.<br>ANGLE OF REPOSE. BULK HAZARDS. TML. FMP.<br>3-4 MORE. THEN HE ASKED YOU HAVE NOT SAILED ON LNG BUT TELL ME WHY<br>TANKS OF IS OVAL.<br>Why man hole is in circle shape? Some from physics Just to check knowledge.<br>Asked what you will do<br>WHEN LOADING HEAVY CARGO  | F2 |

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|          |            | TELL ME WHAT CHECKS YOU WILL DO IN RORO<br>WEATHERTIGHT<br>WATERTIGHT( NOT GOOD)<br>IMDG HOW MANY VOLUME CONTENTS CHAPTER, CLASS excellent.<br>SELF TRIMMING CARGO SHIPS. (WRONG)  |    |
| SURENDAR | 4-JAN-21   | IMDG, chain register,<br>cargo watch take over on tanker,<br>precautions on heavy lift,<br>what is annealing,<br>pv valve, pv breaker,<br>deck seal, grain stability requirement,<br>what happens if you suddenly lift a heavy lift,<br>csc plate.   | F2 |
| SURINDER | 5-FEB-21   | Mostly tanker questions as I sailed on tankers and he is also tanker guy.<br>IG system, PV V/V,<br>PV breaker mast riser in detail,<br>CSC, tare weight,<br>IMDG content, supplement.  | F2 |
| TAPAN    | 20-OCT-23  | 1. Oil leaking at manifold action<br>2. Diff between PV valve and PV breaker<br>3. Loading heavy weight precautions as a duty officer<br>4. On General cargo ship Stbd side along side , vsl listed to Stbd side , action<br>5. Alarm from IG panel ur duty officer, take action<br>6. IMDG loading on board what all checks you will do<br>7. Classes of IMDG<br>8. Cargo hoses is to be connected to manifold what are your duties as a duty officer<br>Cross questions to almost every question   | F2 |
| TAPAN    | 21-AUG-23  | 1) stowage factor<br>2) what r the container lashing material<br>3) you r duty officer on watch ... container fall down in water.... take action<br>4) what is ship sweat<br>5) what is load density<br>6) types of containers<br>7) what is stack weight<br>8) when u connection manifolds what precautions will u take   | F2 |
| TAPAN    | 25-OCT-22  | What type of ship u did?<br>How will you load heavy lift<br>What all precautions you will take while loading heavy lift. (Few cross Qs, do mention load density)<br>What is ship sweat<br>What precautions while connecting cargo arm.<br>What precautions for topping up cargo.<br>How will u prevent cargo sweat.<br>Condition of ventilation.<br>Difference btwn explosimeter and tank scope  | F2 |
| TAPAN    | 6-APRIL-22 | - You are joining vessel as a 2nd officer for first time, what all familiarization you will do with ship (specifically asked only cargo related familiarization)<br>- what are different types of vales onboard<br>- butterfly, ball valve, gate valve ye sabka structure puchha, ye valve konse konse lines par hote hai.<br>- what is Deck seal, why required on ship? types, alarms of deck seal.<br>- difference between PV valve and breaker. (tell him about pressure increases and also decrease scenario, what actually happens inside PV vale and PV breaker, he listens every word you say )<br>- COW, why cow is used, advantages/disadvantages | F2 |



|        |             |  |    |
|--------|-------------|--|----|
|        |             | <ul style="list-style-type: none"> <li>- you are topping up 1 set of tanks and same cargo you have to load in other tanks via same manifold, cargo loading rate is 10000 m<sup>3</sup>/hour, what all precautions you will take. How will you do topping up?</li> <li>- What is ship sweat?</li> <li>- why does ship sweat does not occur outside the hull? Why on the inside portion?</li> <li>- what is FWA, formula</li> <li>TPC, formula, MCTC, formula</li> <li>- Does FWA changes if draft changed? Why?</li> <li>- what is Reserve buoyancy, does enclosed spaces in accommodation come under reserve buoyancy? how will you find reserve buoyancy,</li> <li>- I have a heavy weight placed on the deck of a ship, now I have shifted that weight vertically downwards and kept it on tank top, tell what all stability parameters will change and what will be the change in draft.</li> <li>- Difference between derrick and crane, types of derricks</li> <li>- You are lifting a heavy weight from shore, what all precautions you will take?</li> </ul>  |    |
| TAPESH | 23-AUG-23   | <p>Purging n inerting difference. Trim tables in detail.<br/> Bulk cargo dangers. What is spontaneous combustion?<br/> Pump room alarms. From where you get water for deck seal, how to discharge.<br/> Marking on crane, swl. Ig alarms. Esd. Grb in details. Grain lashing. Int.stab. for tanker,grain.<br/> Cargo sweat. Flammability curve. RSO as per isps</p>  | F2 |
| TAPESH | 9-DEC-22    | <ol style="list-style-type: none"> <li>1. Hazards of coal</li> <li>2. Control of emission of methane gas from coal? And type of ventilation for coal cargo?</li> <li>3. Loading sulphur cargo one corner of the hold catches fire what you will do as a OOW?</li> <li>4. Grain code purpose?</li> <li>5. IMSBC full form and the classification of IMSBC? Types of cargo under imsbcb?</li> <li>6. CSC plate contains?</li> <li>7. Type of containers?</li> <li>8. How you will know that the container on your vessel is properly lashed?</li> <li>9. What is IMDG?</li> <li>10. What class 7 of IMDG?</li> <li>11. Bill of lading purpose?</li> <li>12. SWL, Proof Load and Breaking strength</li> <li>13. How you will do cargo calculation on bulk carrier and gas carrier</li> <li>14. Bay plan and its use?</li> <li>15. Grain code stability requirements?</li> <li>16. ISGOTT full form and latest edition?</li> <li>17. ISGOTT latest amendments?</li> <li>18. Mast riser height requirements?</li> <li>19. Difference between inerting, purging and gas freeing?</li> <li>20. Components of IG?</li> </ol> | F2 |
| TOPNOV | 13-APRIL-21 | <p>COW reqmnts and tell the full process from cow to gas freeing cross questioned alot<br/> IMDG code and contents and was asking about what are flammable solids and give examples<br/> Draft survey purpose and what all to do<br/> Hog and sag and gave drafts and wanted to know vsl is sag or hog<br/> Chain register and whose sign and stamp on it<br/> What is a deck seal and types</p>   | F2 |
| TOPNOV | 7-APRIL-21  | <p>Definition- load density, stowage factor,<br/> Can load density be exceeded if yes then in which cases it can be,<br/> What is PV valve, PV breaker and deck seal n their uses.<br/> Fire in galley take action.<br/> Master C/O collapsed in pump Room take medical advice.<br/> Grain hazard, sulphur hazards n precautions<br/> Immersion suite requirements,<br/> Lifejacket requirement,<br/> Marpol annex 5 special areas n discharge criteria,<br/> ORB n about entries,<br/> GRB n it's entries</p>   | F2 |

|         |           |   |    |
|---------|-----------|---|----|
|         |           | Vessel developing heavy list in port n reached angle of lol take action, What is angle of lol n how to correct it?  |    |
| UNKNOWN | 4-JAN-24  | <ul style="list-style-type: none"> <li>- type of ship</li> <li>- BRT</li> <li>-DOC</li> <li>-DOA, requirements,exemption</li> <li>-min requirement for gm in DOA</li> <li>-can test</li> <li>-TML</li> <li>-what is IFA</li> <li>-Ship sweat, cargo sweat</li> <li>- concentrate ke hazard</li> <li>- method of inserting a tank</li> <li>-imdg as per what chapter of solas</li> <li>- will you load a tanker if load density is exeding ,how will you load</li> </ul>   | F2 |
| UNKNOWN | 25-OCT-23 | Stowage factor<br>IMDG CLASSES<br>MFAG AND EMS<br>CARGO WATCH<br>COAL HAZARDS<br>ANGLE OF REPOSE  | F2 |
| UNKNOWN | 16-MAY-23 | 1. LEL<br>2. Flammability Diagram<br>3. Purging<br>4. Types of Gas carriers<br>5. Types of Cargo Carried<br>6. Safety Measures Available on Gas Carriers<br>7. Practical Questions on Construction of Cargo Tanks of Gas Carriers (Chokes, Hold Piping/content/Structure/Material)<br>8. IMSBC Groups of Cargo<br>9. LD, Angle Of repose<br>10. IMDG code classes n content<br>11. Types of Liquid Carried in Bulk<br>12. MFaG and how to use<br>13. Situation Crew Member Exposed to Dangerous Cargo Action ( First Refer MSDS then go to MFag/ IMDg). | F2 |
| UNKNOWN | 20-FEB-23 | 1)What are IMDG Cargoes<br>2)Class 7 of IMDG<br>3)DOC<br>4) Weathering Certificate<br>5) Multimodal Dangerous form  | F2 |
| UNKNOWN | 24-NOV-22 | 23. Refer cargo, what all to check while carriage<br>24. Where to load refer on deck<br>25. IMDG Class, DGL at least 5-6 column of dgl.<br>26. MFAG, UN NO<br>27. Ig system<br>28. O2 requirement in tank<br>29. ISGOTT contents (When he asked me contents he did not want word to word chapters and sections, he just wanted to know if i am aware of what all things i can find in that particular manual )  | F2 |

|             |           |  |    |
|-------------|-----------|--|----|
|             |           | <p>30. SSSCL on tankers</p> <p>31. Taking over a cargo watch on LPG</p> <p>32. SBC hazard, where u will find</p> <p>33. What is DOA</p> <p>34. Can we load grain if vessel does not have a DOA, criteria</p> <p>35. Intact stability of grain</p> <p>36. Container lashing, only items reqd.</p> <p>37. Union purchase (I told didn't studied)</p> <p>38. MSDS</p> <p>39. PV valve, mast riser, MARVS</p> <p>40. Gas meter, explosimeter, tankscope.</p>   |    |
| UNKNOWN     | 4-AUG-22  | <p>Full form of ISGOTT. What is spontaneous combustion?</p> <p>Full name of ASTM. What all contents you get from ASTM?</p> <p>For crude oil calculation which table is used. What is brine?</p> <p>How to load as a 3rd officer? Hazards of Coal.</p> <p>What is TML? What is trim table what all you get from trim table?</p> <p>What is chain register?</p> <p>Types of lashing equipment used on a container.</p> <p>What is MSDS contents of MSDS?</p>   | F2 |
| UNKNOWN     | 4-AUG-22  | <p>Which ship u hv done? Tanker.</p> <p>How u pick up bunker hose? I told by crane then he asked what is SWL of ur crane?</p> <p>How u do load test of ur crane? How u take over watch while discharging?</p> <p>How u knw ur pv valve and pv breaker is in proper condition?</p> <p>What is BDN? What is in BDN? What u knw about SECA?</p> <p>Requirement of sulphur content in SECA? Name all MARPOL annexes?</p>   | F2 |
| UPPAL       | 2-JAN-24  | <p>IMDG total volume. Contains of vol1&amp;2. DGL content.</p> <p>1-18 Imsbc. Category of cargo as per imsbcb.</p> <p>Example of Category c. Lists of cargo in imsbcb.</p> <p>How many cargos are mentioned? How to find detailed?</p> <p>What are the things u will monitor in cargo watch while loading iron ore,-Internal</p>   | F2 |
| UPPAL       | 7-AUG-21  | <p>1) Contents of IMDG Code.</p> <p>2) No. of column in DG list. Name of 1<sup>st</sup> 5 column.</p> <p>3) Segregation is mentioned in which part of IMDG code.</p> <p>4) Purpose of MFAG &amp; EMS guide.</p> <p>5) IMSBC Code – Groups of cargo (wants full explanation on group and mention no. of chapters &amp; appendix of the code).</p> <p>6) Loading &amp; Hazards of Concentrate.</p> <p>7) TML, Liquefaction – full explain.</p> <p>8) Cargo sweat &amp; ship sweat.</p> <p>9) When to ventilate hold &amp; why?</p> | F2 |
| VENKATSWARA | 13-MAY-22 | <p>IMDG and classes and colour of symbol of class 1</p> <p>DOC and content of DOC and why it is issued to a ship</p> <p>Coal hazards</p> <p>And how to control and precautions to be taken (I ans with for which hazard what is precautions is taken he was happy with this ans said very good 😊)</p> <p>What will you do while on cargo watch?</p> <p>Statical stability curve and conditions to be check in this</p>   | F2 |
| VERMA       | 12-OCT-21 | <p>Load density. Cargo securing manual.</p> <p>Intact stability criteria of oil tanker.</p> <p>EMS, MFAG. DOA. Can we load grain without DOA.</p> <p>Saucering and bundling. IMDG code.</p>  | F2 |

|         |            |   |    |
|---------|------------|---|----|
| VERMA   | 6-APRIL-21 | Stability criteria for tankers.<br>IMDG contents.<br>Explosimeter.<br>Tankscope.<br>Stability booklet information<br>Cat x, y, z cargoes.<br>What is VEF?   | F2 |
| VERMA   | 8-SEPT-20  | COF COB COG hog sag I said sir f3 I've cleared he said everything is related, so you should know then. Ship shore check list.<br>IG system in detail asked abt all parts.<br>Why it's used what purpose? IMDG code how many classes.<br>EMS MFAG use. Details on CSC plate. DOA.<br>Intact stability of criteria of grain.<br>Deck seal types draw deck seal of dry.<br>TLV and few more basic on cargo work.   | F2 |
| VERMA   | 7-SEPT-20  | Load density<br>Can we exceed the load density and when/how<br>What are the dangerous in roro vessel<br>In sailing you are getting alarm for stern ramp and side ramp what it means and action<br>He asked siled in tanker i said no<br>He said its ok this coc valid for all vessel and asked take over cargo watch in tanker and what u will check first  | F2 |
| VIBHUTE | 19-DEC-22  | Types of vessel sailed ..Bulk<br>- Last cargo Coal ; inspect hold for any cargo residues left. What all areas in hold u will find that.<br>- Draw bilge and show its pipe going to E/R<br>- What is X in Segregation table<br>- Which column in dg list tells u that<br>- what is coulumn 16 a and b<br>- Marking on shackle<br>- Documents for Dg goods in container vessel<br>- What is DOC ? All contents<br>- ODMCS in detail<br>- Contents of BLU<br>- Draw any 3 placards of imdg<br>- How c/o plans Loading/discharge plan and what do u do with that as a duty officer.   | F2 |
| VIBHUTI | 9-FEB-24   | IMDG Code – X in segregation. DGL- 16 and then all 18 contents.<br>Away form. TWIST locks ALL types in full details construction and use.<br>General cargo. Shackle marking. Imsbc.<br>Liquefying Cargo- precautions.<br>Can test.  | F2 |
| VIBHUTI | 5-FEB-24   | Name of the company and type of vessel sailed.<br>1-Tell me about all the cargo pipe line<br>2-draw daigram of cargo pipe line till pump room and asked in diagram about cross over, manifold valve, drop valve and many more things<br>3-how you will take ullage and what correction you will applied in ullage<br>4-how you will calculate quantity of laoded cargo in tank<br>5-Imsbc apply which cargo,Bcsn, defination of solid Bulk cargo<br>6-what is segregation table, meaning of X in segregation table<br>7-Isgott and it's content<br>8-Imdg code,volume and content,DGL,and asked all 18 table in DGL<br>9- On which vessel grain code apply. | F2 |

|          |            |   |    |
|----------|------------|---|----|
| VIBHUTI  | 3-OCT-23   | <ol style="list-style-type: none"> <li>1. how you will know there is a back pressure in the line</li> <li>2. What is deck seal</li> <li>3. Alarms in deck seal</li> <li>3. IMSBC code deals with which cargo</li> <li>4. Types of cargo as per imsb</li> <li>5. Types of pipeline system in tankers</li> <li>6. What all valves you will open when you discharge cargo , entire lineup</li> <li>7. If you want to load ballast water in a cargo tank how you will do , entire line up</li> <li>8. Odmcs</li> <li>9. What all are there in imdg table</li> <li>10 . What is x in segregation table</li> <li>11. Which document will you refer</li> <li>12 instantaneous rate of discharge definition</li> </ol>  | F2 |
| VIBHUTI  | 9-FEB-22   | <ol style="list-style-type: none"> <li>1- How will you prepare tank for heavy weather ballast in crude oil tanker</li> <li>2- How will you discharge the ballast taken</li> <li>3- What is IMDG</li> <li>4- Contents of Dangerous goods list</li> <li>5- Stowage and segregation of IMDG cargoes</li> <li>6- Which chapter contains this information</li> <li>7- What procedure to be followed for cleaning the holds of a bulk carrier ( also draw mid ship section )</li> <li>8- What is doc</li> <li>9- Why is it required</li> <li>10- Operation of a derrick</li> <li>11- Grain securing arrangements</li> <li>12- What is the procedure for loading dg container in cargo hold</li> <li>13- Which document to refer for loading</li> <li>14- Which document contains the location of container and its stowage requirements</li> <li>15- Which documents are give by the shipper before loading of the dg container</li> <li>16- Information contained in shippers declaration</li> </ol> | F2 |
| VIBHUTI  | 14-OCT-21  | <ol style="list-style-type: none"> <li>1. What is IMDG class 3? (Flammable liquids), Will it be applicable on a tanker if you load gasoline?</li> <li>2. What is angle of loll? (He wants to hear the definition from captain subramaniam's book)</li> <li>3. What is unstable equilibrium? What happens if GM is very small? (Ship becomes tender)</li> </ol>  | F2 |
| VIBHUTI  | 4-AUG-21   | <p>Which ship u have done I said tanker</p> <p>Draw hatch cover and explain</p> <p>Draw bilge and explain</p> <p>Expain bulk carrier from hatch to tanktop with all parts</p>   | F2 |
| VISHWAKA | 17-JUNE-22 | <p>Flammability diagram completely have to draw and show and explain</p> <p>Static electricity precautions</p> <p>CSC plate</p> <p>Cargo and ship sweat</p> <p>COW and IG requirements</p> <p>When you loading Cargo static electricity will come or not.</p> <p>What ISGOTT saying about static electricity</p> <p>What is too lean</p> <p>What is too high</p> <p>Heavy lift precautions</p>  | F2 |



|             |            |  |         |
|-------------|------------|--|---------|
| WADHWA      | 14-JULY-22 | TML, TLV, IMDG SEGREGATION.<br>CARGO SECURING MANUAL.<br>LIVESTOCK LOADING AND CLEANING AFTER DISCHARGING.<br>HOW THE LIVESTOCK WAS FEED.<br>HOW TO TAKE OVER CARGO WATCH.<br>MORTALITY REPORTING PROCEDURE.<br>TELL ME ABOUT CRANES AND DERICKS.  | F2      |
| YOGRAJ      | 2-AUG-21   | What type of ships? IMSBC Code Groups. IMDG Classes.<br>EMS. Stowage Factor. Load density. Coal hazards. TML.<br>What is inert Gas? Flammability Diagram. Cane inspection.<br>Angle of repose. Angle of repose for grain?<br>Grain main hazard – Shifting. How to take over cargo watch? Liquefaction?   | F2      |
| BANERJEE    | 13-OCT-22  | Rapid fire<br>1) ISM contents<br>2) partial loss of intact buoyancy<br>3) when vessel in ballast condition goes from sw to fw what all values change<br>4) extinguisher used for electrical fire<br>5) SMPEP<br>6) EEDI<br>7) PSSA & examples<br>8) p & a manual contents<br>9) TLV & types<br>10) container check digit<br>11) PV vlv & PV breaker difference<br>12) Solas ch12 & requirements according to this chapter<br>13) intact stability requirements on bulk carrier, gm & other factors   | F2 & F3 |
| BANSAL      | 3-FEB-21   | What is bulk carrier draft survey how you will do it,<br>What is WRF?<br>What is difference between Flame stream and flame guard? In ship shore checklist what is A, P, R, example of P?<br>He took a name of of crude and asked me about type and property?<br>What is passivation?   | F2 & F3 |
| CHAKRABORTY | 23-FEB-24  | B/L. Types Of B/L. VGM.<br>Precautions while loading heavy lift cargoes. Imdg. Classes of imdg.<br>Segregation of imdg. Segregation for explosive. Venting on tankers.<br>Amendments for SSCL. Intact stability criteria for tankers.<br>Points of shipshore safety checklist. Convention for containers..<br>Pyrotechnics on bridge. Cargo manifest. Documents required for loading grain.<br>Angle of repose. Purpose of shipshore safety checklist.   | F2 & F3 |
| DEVESH      | 3-FEB-21   | Quick closing valve, Dunnage, Trimming table, Fire damper, what happens when pv breaker doesn't work, cargo sweat ship sweat, Annex 5 special area, Purging, Gas freeing dedinations, methods of purging, what is the function of mast riser, how you will secure stell roll diagram, what action you will take if steel roll shifts in voyage,<br>Placarding, A substance having more than one hazard then can we put placards more than one on container like he was asking me can we put more than one placard on container<br>What is P and A manual,<br>What is difference between special area and PSSA? | F2 & F3 |
| FRANCIS     | 21-JULY-23 | What types of ships done<br>1. What is the code for gas carriers ?<br>2. What is chapter 14 and 18 of igc code ?<br>3. What is reference point in gas carriers ?<br>4. What is MARVS ? What is the setting for marvs (both sea/harbour) ?<br>5. What is code for bulk cargoes and grain cargoes ?<br>6. Intact stability for tankers ?<br>7. What do you understand by reserve buoyancy ? Something with buoyancy (i don't remember the kind of buoyancy he was talking about ) ?<br>8. What happens when tank is in vaccum state, how will pv breaker work in vaccum state ?                                  | F2 & F3 |

|          |             |  |         |
|----------|-------------|--|---------|
|          |             | <p>9. Segregation table, what does X mean in segregation table ?</p> <p>10. What is angle of repose ?</p> <p>11. What is load density, SF ?</p> <p>12. What is Ems ?</p> <p>13. Marpol annex 1, is machinery space disch criteria different for special area and outside special area?</p> <p>14. SOPEP Requirement? Is it required on bulk carriers? What to update in SOPEP monthly, 2 monthly, 3 monthly ?</p>  |         |
| HARINDER | 12-APRIL-21 | <p>What is safety reduce certificate and it's attachment.</p> <p>Codes of ship shore safety checklist.</p> <p>What is control drug.</p> <p>What alarm given by deck seal</p> <p>How the measure h2s</p>  | F2 & F3 |
| IYER     | 22-AUG-22   | <p>How will u know the ship is an oil tanker?</p> <p>Marpol all Annex. Annex 2 control why?</p> <p>Annex 1 cargo residue disch . What is IG , requirements, capacity?</p> <p>Permits on board, what is permit? Heavy lift?</p> <p>Precautions. Ism certificate. ISM?</p> <p>IMDG purpose. Classes.</p> <p>Certificate + validity. All garbage disposal criteria.</p> <p>Angle of repose. Why required, on which cargo applicable?</p> <p>Garbage types all. SCBA press test.</p> <p>Rescue boat req.</p>   | F2 & F3 |
| JB SINGH | 14-JAN-20   | <p>1. What is TML?</p> <p>2. What is swl, crane swl 25T, what will be proof load?</p> <p>3. Precautions for carrying grain cargo?</p> <p>4. What is dangerous goods?</p> <p>5. Classes of imdg?</p> <p>6. How will you segregate imdg goods?</p> <p>7. What is the purpose of forward liferaft?( He wants to listen when ship breaks into two, person at forward can evacuate from them).</p> <p>8. Fire blanket made up of what material?</p> <p>9. Lifeboat made up of what material?</p> <p>10. How to seek radio medical advice?</p> <p>11. Fire in galley action?</p> <p>12. Purpose of imo, previous name &amp; it's headquarter?</p> <p>13. Sopep locker items.( He wants exact no of each item).</p> <p>14. Stability booklet contents?</p> <p>15. Have you went inside forepeak tank? What all things you observed?</p> <p>16. Survival craft definition?</p> | F2 & F3 |
| MANHAS   | 20-SEPT-23  | <p>Imdg segregation</p> <p>Recent amend to imdg</p> <p>Annex 1 discharge criteria and major difference</p> <p>What is fire and how will you fight, which extinguisher - i told him depending upon the class he said no just extinguish flame &amp; which extinguisher ( couldn't answer)</p> <p>Angle of lol what will happen ahead of it</p>  | F2 & F3 |
| MANOJ    | 12-SEPT-19  | <p>Contents of CSM</p> <p>Hazards of Coal</p> <p>Gas measuring equipment's</p> <p>HC content in the tank is much lesser what equipment u will use to measure HC</p> <p>Life boat lowering</p> <p>Scba checks</p> <p>Sopep use</p> <p>Oil spill onboard during bunkering take action</p>  | F2 & F3 |

|           |            |  |         |
|-----------|------------|--|---------|
| MITHILESH | 21-JULY-23 | <ol style="list-style-type: none"> <li>1. What is X in segregation table ?</li> <li>2. IMDG segregations ?</li> <li>3. Where is NRV in ig ? Is it before isolating valve ? Use of NRV</li> <li>4. What is PV breaker ? Working of PV breaker ? Draw a diagram and explain it in detail how it works ?</li> <li>5. What is educator ? Draw a diagram and explain suction and discharge and how it works ?</li> </ol>  | F2 & F3 |
| NITIN     | 8-APRIL-21 | <p>What is SF? Whats is Load density?<br/> How will u load explosive? Annex 1 disch criteria.<br/> Dynamic and static test of life boat.<br/> What is chain register.stamp koska haota hai uspe?<br/> What we change quarterly? Fire extigusher and Fix fire fighting system service requirement.<br/> How u will u load explosives? What is can test?<br/> Can load cargo more than load density.<br/> What is convention and amendments.<br/> How will u gass free ur tank.( he need from purging to gas cleaning then gas freeing then mob dry.)</p>  | F2 & F3 |
| OAK       | 8-FEB-22   | <p>TML. After discharging you found out one limber board is missing action?<br/> Cargo loading via crane packages are torn operator not listening to you action?<br/> Coal Hazards. Concentrate Hazards. From where to take Coal Gas Sample.<br/> New Crew joined the ship how will you familiarize them.<br/> CSR, Role of RSO, CSO.<br/> Rescue boat requirements. Angle of Loll.<br/> What is stable ship? Gas detectors and sensors.<br/> Stability Booklet Content. Annex 1 Discharge Criteria.<br/> Again Angle of Lol but with different situations.<br/> Rolling Period. Cross Curves.<br/> What is Heavy Density Cargo? SF.<br/> Load Density. MLC / DMLC / Chapters.<br/> Your role as per MLC. Stiff &amp; tender vessel with examples.<br/> Types of Couplings. Types of Hydrants.<br/> What is TPD? Cargo carried on your ship.<br/> Hazards associated with same. Container Lashings.<br/> How will you lash a container? ISM.<br/> What is Hydrostatic Particulars? What is Stability? RORO Ships Hazards.<br/> Fixed Fire Fighting System Use in RORO.<br/> Hoses Requirements as per FSS. SOLAS Chapters<br/> What SOLAS says about Bulk Carriers?<br/> What are the Alarm's in Bulk Carrier.</p> | F2 & F3 |
| RAGHUNATH | 20-JUNE-23 | <p>Stared with Introduction, Type of Ships, Then he said i will ask your from both Functions mix questions<br/> I said ok sir 😊</p> <ol style="list-style-type: none"> <li>1.How will you start loading on the Tanker</li> <li>2.What is the use of Mastriser</li> <li>3.How the PV valves and PV breaker works</li> <li>4.What are the Contents of SSSCL</li> <li>5.How will you release Liferaft manually</li> <li>6.which fixed fire Extinguisher system onboard</li> <li>7.What will you use on deck high or low</li> <li>8.What is the ratio</li> <li>9.what is Angle of Loll</li> <li>10.how will you correct it</li> <li>11.What is the function of ISM</li> <li>12.What is DOC</li> <li>13.Who receives it</li> <li>14.What happens in Scrubber Tower</li> <li>15.Procedure while entering Pumproom</li> <li>16.What was the requirements for Liferrafts on your last vessel</li> <li>17.Discharge criteria for Machinery spaces in Special Areas.</li> <li>18.Tell me how ODMCS works.</li> </ol>   | F2 & F3 |

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| SHASHI   | 9-APRIL-21 | <p>Firstly same question asked by extrnal then</p> <p>Ship shore safety check list and most of its point</p> <p>Precautions for loading high charge accumulation cargo</p> <p>Safe manning certificate, And as per which convention</p> <p>Life boat pendants maintenance, Co2 system,</p> <p>Marpol line requirements, its connections</p> <p>Marpol certificates, Annex 1 discharge criteria.</p> <p>Loadicator How to test loadicator. How often u test?</p> <p>ISGOTT amendments, New category of garbage in annex 5</p>  | F2 & F3 |
| SHENOY   | 5-FEB-24   | <p>1-cargo space oily mixture discharge requirements</p> <p>2-angel of lol</p> <p>3-garbage came in which annex</p> <p>3-what entery you will make in garbage record book</p> <p>4-what is Marpol and it's annex</p> <p>5- declaration of security and it's content</p>   | F2 & F3 |
| SURENDAR | 5-AUG-21   | <p>Cob, cof, Cog, metacentric ht., angle of loll any many more, lmdg classes,</p> <p>Segregation, Ems,mfag, Intact stability criteria of tanker, container,</p> <p>DOA, PSC form content and how many parts, Load density, SF,</p> <p>stability criteria of grain, Cargo watch at loading port,</p> <p>Joining the vessel at loading port, What to check in CCR, Polar code,</p> <p>Action in list 2° to stbd, TPA carriage requirement,</p> <p>Marpol all annex, certificates under it, Marpol annex ammendments,</p> <p>SOLAS chapters, Code, convention, ammendments,</p> <p>Safe manning certificates in which convention,</p> <p>CAMBER, TUMBELHOME, FLARE, SOLAS ammendments,</p> <p>CIRM, Trim table, Content of CSM,</p> <p>Content of IMDG and its supplement, Sheer strake,</p> <p>Where will u find FWA, ISM code.</p> | F2 & F3 |
| TAPESH   | 11-MAR-22  | <p>BLU code, IMSBC groups</p> <p>What do you know about draft survey?</p> <p>DWA, Garboard strake. Shell expansion plan.</p> <p>Portable extinguisher maintenance.PSC detainable deficiencies.</p> <p>And many more questions in between, easy ones.</p>  | F2 & F3 |
| UNKNOWN  | 15-JULY-22 | <p>1. Various Type of Lading System In Bulk Carrier</p> <p>2. BC Code</p> <p>3. IMSBC Group</p> <p>4. Angle of Repose</p> <p>5. Range of Safe Angle of Repose For Loading</p> <p>6. Form E</p> <p>7. SESES</p> <p>8. LFL And UFL Of CH</p> <p>9. Reserve Buoyancy How to Calculate and Why It Is Important for Shipping?</p> <p>10. Tell Me 5 Hazards in Loading of Tanker.</p> <p>11. Precaution Why Loading Heavy Lift?</p> <p>12. What Do You Mean by Adequate GM?</p> <p>13. In A Container Ship Which Documents Is Required Prior Loading.</p> <p>14. Annex 1 Special Area.</p> <p>15. Slop Tank Discharge Criteria.</p> <p>16. Special Area of Annex 5.</p> <p>17. How Do You Determine Special Area?</p> <p>18. Why India Is Not in Special Area?</p> <p>19. Drill of Passenger Ship.</p>                                  | F2 & F3 |

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| VAZ     | 14-JULY-22  | <p>Synchronous Rolling</p> <p>Parametric rolling and with respect to what 🤔</p> <p>Explicit and then implicit what do you mean by that bhai pata ni kya kya bol rha tha 🤔</p> <p>Which chap 12 of Solas- i said add safety measure for bulk carrier kehta 2 densities are given why only those two are given 🤔 i didn't knew</p> <p>MLC Thoroughly chahiye bc 🤔</p> <p>Annex 1 amendments</p> <p>When two sailing vessels are approaching one another what is the essence of this application 🤔🤔</p> <p>Few more jo bhai SBB uprrr se gye aisa lgra pehli baar sun rhe 🤔</p>   | F2 & F3 |
| AGARWAL | 10-APRIL-23 | <p>Annex 1 disch criteria, Annex 2 categories, cat x.</p> <p>GMP, Rescue boat. L/B davit testing. Marking on L/R (not on container).</p> <p>Hru, operating procedure.</p> <p>Fire pumps, emg fire pump manual starting procedure.</p> <p>Types of fixed ext on your ship. Co2 starting procedure.S</p>   | F3      |
| AGARWAL | 22-NOV-22   | <ul style="list-style-type: none"> <li>- SF, LD TLV CONCENTRATES FMP AOR LFL UFL Etc.</li> <li>- Pump room entry</li> <li>- Sulphur hazard</li> <li>- For suppressing dust you use fw / Due to contact with fw it will release sulphuric acid that is corrosive which will damage ur hold / Many cross questions. Even I said we do like wash to prevent such things but he wasn't satisfied.</li> <li>- Rice ventilation</li> <li>- Gases in pump room</li> <li>- Types of pumps</li> <li>- Diff b/w reciprocating and +ve displacement pump</li> <li>- Sweat</li> <li>- CSM contents</li> <li>- Types of Cargoes as per IMSBC</li> <li>- Calibration of multi-gas detector</li> <li>- Segregations as per IMDG.</li> <li>- Container precious contents spilled on deck and jetty! Actions as per OOW</li> <li>- CSC Plate</li> <li>- Scuppers close /open as per which conventional and regulation.</li> </ul> | F3      |
| AGARWAL | 12-OCT-22   | <p>L/B, R/B, L/R requirements</p> <p>Life jacket requirements</p> <p>Annex 1 discharge criteria from cargo space</p> <p>Certificate under all annex</p> <p>Annex 6 ,what all gas comes</p> <p>Sheer strake</p> <p>Midship section of big tanker what all parts it shows</p> <p>Pump room entry permit and procedure</p> <p>Safety equipment in pump room</p> <p>Co2 room entry procedure, type of ventilation</p> <p>Any permit required</p> <p>Co2 room comes under which type of space( I have no idea)</p>  | F3      |
| AGARWAL | 13-MAR-21   | <ul style="list-style-type: none"> <li>-SMPEP &amp; which annex</li> <li>-ORB part 2 entries</li> <li>-GRB parts</li> <li>-garbage management plan</li> <li>-galley fire (ur on cargo watch on deck and chief cook came running to u) action</li> <li>-TPC, MCTC and where u will find it</li> <li>-solid floor, plate floor, intercoastal girder</li> <li>-striker plate</li> <li>- how do air vent maintain watertight integrity and prevent water from entering</li> <li>-frame numbering</li> <li>-types of ext and color coding</li> <li>-ext to be use on electrical equipment ,can u use water type will u get shock,why not dcp</li> </ul>   | F3      |



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|         |           | <ul style="list-style-type: none"> <li>-DCP ext inspection (from where u will know it is as per plan)</li> <li>-SOPEP contact list interval</li> <li>-SOPEP equipment</li> <li>-A60</li> </ul>  |    |
| AGARWAL | 12-MAR-21 | <p>Ship collided with jetty hole in fore peak tank carry out damage assessment in detail<br/>Will try to confuse u here. Like if we say will enter tank then who will carry enclosed space procedures. Then I said I'll see from top.<br/>Then again he asked draw foreperson tank construction.<br/>Then he asked now u have so many strength members down their how will u be able to see from top. Then he had confused me a lot I ended conversation that I don't know.<br/>Various stability definitions. Fire in galley.<br/>Moulded draft. Intact stability criteria for cargo ship.<br/>Angle of lol. Kn curves.<br/>Life raft carrying requirements. SF BM.<br/>Panting pounding with diagrams to compensate it<br/>Medical advise. Stbd side rocket parachute seen action.<br/>TLV, STEL, TWA.<br/>Life boating launching procedure but with one crew member on board,<br/>No remote control lowering. Wants to hear in detail. Like laying to embarkation ladder for the person who is lowering life boat.</p> | F3 |
| AGARWAL | 10-MAR-21 | <ul style="list-style-type: none"> <li>* Oil spill at manifold</li> <li>*How many annexes in MARPOL name them</li> <li>*Annex 1 special area</li> <li>*Annex 2 X Y Z Discharge criteria</li> <li>*MCTC formula and where u will find</li> <li>*Sopep contents nd whom to contact while near coast nd in open sea</li> <li>*Fire Extinguisher colour coding</li> <li>*Reserve buoyancy of what use</li> <li>*Life buoy requirements</li> <li>*L/B monthly maintenance (Stick to maintenance)</li> </ul>  | F3 |
| AGARWAL | 4-DEC-20  | <p>Reserve buoyancy. TPC.. Striker plate.<br/>Marpol annex 2,1. Discharge criteria.<br/>Marpol certificates. Striker plate.<br/>Stability grain criteria. Hog ,sag ,bending moment, shearing force life buoys requirement.<br/>MLC. Preparation for seq survey.</p>   | F3 |
| AGARWAL | 13-FEB-20 | <p>Marpol annex 1, ISPS, Annex 6 gases and requirements of annex,<br/>SOPEP manual and its content in detail..<br/>Asked about which authority to be reported and how will u find it in the manual,<br/>liferaft requirements, food and water, TPA, Lifebouys, may confuse u very much,<br/>certificates of Marpol, SOLAS pack A&amp;B, watertightness, LBP, panting,<br/>camber, stealer plate and other such basic definitions,<br/>markings on liferaft capsule as well as on liferaft after floating,<br/>HRU in detail and may be some basic other ques i m missing out</p>  | F3 |
| AGARWAL | 12-FEB-20 | <ul style="list-style-type: none"> <li>- What all things to do and check while lowering lifeboat. Also frequency of lowering.</li> <li>- Regulation for lowering</li> <li>- Rescue boat</li> <li>- Lifejacket all requirement</li> <li>- Fire fighting requirements</li> <li>- Annex 1</li> <li>- ODME in detail</li> <li>- Special area</li> <li>- Angle of loll</li> </ul>  | F3 |

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| AGARWAL | 3-FEB-20  | <ol style="list-style-type: none"> <li>1. What is Marpol annex V discharge criteria</li> <li>2. What is Marpol annex I discharge criteria</li> <li>3. Can you dish engine room bilges in special area (Yes, if not antartica and OWS filled with stopping device).</li> <li>4. Operation of HRU.</li> <li>5. What is instantaneous discharge rate</li> <li>6. What is SOPEP</li> <li>7. What is updated in SOPEP at regular interval</li> <li>8. During bunkering drop of oil leaking from manifold connection, action (Stop immediately)</li> <li>9. What are trimming tables?</li> <li>10. What is SF and BM</li> <li>11. What is deck head, Floor plate, Garboard strake, etc</li> <li>12. What is a strake and What is a frame</li> <li>13. How are frames numbered, can there be a negative frame number</li> <li>14. How are strakes numbered/marked</li> </ol> <p>What are stealer plates</p> | F3 |
| AGARWAL | 19-DEC-19 | <p>Diff b/w low n high expansion foam. SOPEP locker equipment.<br/> Oil pollution in Bombay port whom u inform.<br/> Annex 1 discharging criteria. What is ODMCS?<br/> OIL filtering equipment. Annex 6 gasses.<br/> Stability definition block coefficient RB TPC FWA many more.<br/> Construction definition rise of floor camber.<br/> Intact stability criteria for general cargo ship (F2).<br/> Drill frequency lowering of l/b. L/b launching procedure<br/> HRU N weak link. TPA and immersion suit difference. Life jacket requirement.</p>   | F3 |
| AGARWAL | 16-DEC-19 | <ol style="list-style-type: none"> <li>1. Machinery space disch criteria annex 1</li> <li>2. Intact stability of cargo ship</li> <li>3. Marpol annex 1 discharge criteria</li> <li>4. Camber projection</li> <li>5. Numbering of strakes</li> <li>6. Lifebuoy for vessel less than 100 mtrs in lenght</li> <li>7. International shore coupling</li> <li>8. Galley fire action</li> <li>9. Monthly maintenance of lifeboat</li> <li>10. CO2 extinguisher and precautions</li> <li>11. Annex 6 gases??</li> <li>12. All annex of marpol</li> <li>13. Any 6 convention of imo</li> <li>14. Any 6 distress signal</li> </ol>   | F3 |
| AGARWAL | 5-DEC-19  | <p>Lowering if life boat in heavy weather, What is the frequency of life boat drill?<br/> What is TPC? Angle of loll how to correct ?<br/> What MCTC? What info do we get from trim tables?<br/> What is hydrostatic draft? How to calculate it? Block coff. Def.<br/> Name any 3 conventions. Name any 3 survey. What is TPA?<br/> How many tpa on board and where will you find them?<br/> Oil spill during bunkering action. What are the sopep equipments?<br/> Where will you find the person to contact when there is an oil spill?<br/> Why forward liferaft has no HRU? annex 2 discharge criteria.<br/> Annex 1 discharge criteria from machinery spaces. Annex 1 special areas.<br/> What is annex 6. Garbage record book part what is e waste. Orb 1&amp;2</p>  | F3 |
| AGARWAL | 13-NOV-19 | <p>IMO convention's , MARPOL annex 1 &amp; 5 (annex 1 : disc criteria , annex 5 discharge table),<br/> CLC convention, stry certificates ,<br/> hssa , life boat and life rafts requirements ,<br/> equipments, TPA and immersion suit ( everything related to it ),<br/> camber, flare, moulded depth,<br/> statutory freeboard , longitudinal framing,<br/> panting pounding and there strengthening members,<br/> rocket parachute.</p>   | F3 |

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| AGARWAL | 4-SEPT-19  | All annexes names, diff between TPA and immersion suit,<br>Solas requirements of life boat , lowering frequency of life boat,<br>PSSA with 4 example, fire extinguisher which one where u will use ,<br>latest amendment of Solas& marpol, annex 1 special area,<br>emission control area, annex 6 gasses  | F3 |
| AGARWAL | 7-AUG-19   | Started Mrpol quote all annex<br>Discharge criteria annex 2 and annex 1 machinery spaces<br>Slop requirement<br>sub divisional loadlines<br>some construction definitions, ISM, MLC<br>No lsa/ffa questions as was not happy with above  | F3 |
| AJAY    | 13-SEPT-23 | What is displacement and how will you calculate?<br>What is Dead weight?<br>Striker plate. Bilge keel.<br>Life boat static and dynamic. Life raft requirement more than 100 M ship.<br>Life jacket requirement. TPA testing.<br>Spare Extinguisher req.. Annex 6 and what type of emission.<br>Annex 2 Xyz. Garbage management plan.<br>Oil record Book. Sopep content.<br>Solas chapt 10 11 12 13 14.<br>Pirotech..on bridge.   | F3 |
| AJAY    | 12-SEPT-23 | 1. Garbage management plan<br>2. Discharge criteria for annex 5<br>3. Discharge criteria for annex 2<br>4. ISC requirement and usage<br>5. How frames are numbered<br>6. What is tumblehome<br>7. Structural members in top side tanks<br>8. Monthly maintenance of lifeboat<br>9. Lowering requirements for free fall lifeboat as per solas<br>10. discharge criteria for machinery spaces<br>11. monthly maintenance carried on DCP extinguisher<br>12. Precautions when using CO2 extinguisher<br>13. What is bilge keel<br>14. Fire and boat drill requirements<br>15. how will you prepare for SEQ survey?<br>16. spare cylinder requirements for SCABA   | F3 |
| ANISH   | 6-AUG-21   | Oil spill action, will you use OSD. What is OSD, will you take permission before use.<br>Draw DB tank of you ship. what is floor and why there is a hole in between.<br>what is lightning holes, air holes and drain holes. Convention with example , protocol with example. As per Marpol Annex 1 what are the means to prevent oil pollution.<br>SOPEP Manual , plan and what are the sopep equipments. Marpol Annex 2 certificate.<br>What are the contents of Certificate of fitness. CIRM. Give 5 medicine name and their use.<br>Abandon ship drill procedure. How will you prepare life boat for lowering?<br>Life boat lowering procedure. Life raft testing and checks.<br>after what period life raft is discarded. intact stability criteria for chemical tanker.<br>what gm you used to maintain in your ship. Fire triangle , what happens when we remove Heat.<br>which extinguisher gives cooling effect. What effect does foam extinguisher gives? | F3 |
| ANISH   | 8-MAR-21   | Angle of lol (was asked again but the scenario was different)<br>Fire in galley<br>SOPEP<br>Types of extinguisher in galley  | F3 |

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| ANISH   | 10-AUG-19 | <p>Rapid fire</p> <ul style="list-style-type: none"> <li>-Annex 2 discharge criteria</li> <li>-certificates under annex 2</li> <li>-which is the best extinguisher..i said CO2..he said its ok but he want to hear DCP</li> <li>-where to get medical information onboard</li> <li>-what is medical chest</li> <li>-say few medicines on board i started with morphine</li> <li>-narcotis,drugs,where to keep and why(he said habit forming drugs thatswhy)</li> <li>- something "CRIM" i dont know clearly what it was but it says sometiong about a cost staion in italy for medical advice</li> <li>-which publication to refer(ALRS vol 1)</li> <li>-DOC,SMC,DPA</li> <li>-anti exposure suit, where it is found, have you seen it</li> <li>-difference between TPA and imm. Suit</li> <li>-pressure testing of immersion suit</li> </ul> | F3 |
| ASHOK   | 23-AUG-22 | <ol style="list-style-type: none"> <li>1- Doc &amp; SMC &amp; survey, Certificate</li> <li>2- SMS</li> <li>3- IMO &amp; it's certificate</li> <li>4- life boat requirements</li> <li>5- rescue boat requirements</li> <li>6- Liferaft</li> <li>7- Immersion suit &amp; TPA &amp; difference</li> <li>8- seaworthy of ship</li> <li>9- stable &amp; unstable &amp; neutral equilibrium</li> <li>10- angle of loll &amp; corrections</li> <li>11- shell expansion plan</li> <li>12- Annexes - 1 &amp; 2 &amp; 3 &amp; 6. Discharge criteria &amp; certificate.</li> <li>13 - FSC &amp; FORMULA</li> <li>14 - moment of inertia</li> <li>15 - foam requirements &amp; about LEF &amp; HEF</li> <li>16 - load line requirements &amp; it's certificate</li> <li>17 - how to prepare your ship for load line survey</li> </ol>                     | F3 |
| AWASTHI | 13-DEC-23 | <p>Where is imo have to give address?</p> <p>How to give itra muscular injectionand one more dont know name. Where is the company address?</p> <p>If u want prepare for launching what u will do Painter length of L/B. what are life saving appliances onboard and check.. for dcp and CO2.</p> <p>If person having chest pain at night ur on watch what will be ur actions.</p> <p>Factors affecting stability. Permeability. Name of company ceo.</p> <p>Where he is office address? More MFA questions.</p> <p>Portable extinguisher checks to be carried out. Certificate carried by bulk carrier under annex 1. If u r makin muster list there is team for helicopter launching so how u will make rescue boat team.. members.</p>  | F3 |
| AWASTHI | 4-OCT-23  | <ol style="list-style-type: none"> <li>1. Name all annexes of MARPOL</li> <li>2. Were you taught marpol in Pre sea? What all was taught?</li> <li>3. Who taught marpol during Functions?</li> <li>4. Name of institute? Full form of MASSA Training Academy?</li> <li>5. Name of Principal? Name of faculty who taught marpol</li> </ol>  | F3 |
| AWASTHI | 3-OCT-23  | <p>How will you prepare muster list onboard and get it signed by master. On what basis will you assign duties to crew.</p> <p>Lifeboat dimensions on your last vessel, how many lifeboats</p> <p>Lifeboat lowering requirements, what do you test after lowering lifeboat.</p> <p>What is sea anchor made of.</p> <p>Means of fire prevention onboard.</p> <p>Different classes of bulkheads. What do you mean by A60,30</p> <p>How do you give intravenous and intramuscular injection. Have you given and can you give someone.</p>   | F3 |

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| AWASTHI | 2-NOV-21    | <p>1. What is function 3 , what all comes in fun 3 , does cargo included , why not etc etc .</p> <p>2. BRM everything interaction, situational awareness etc etc</p> <p>3. How will u noe everyone is happy and safe on voyage u made from Chittagong to Jakarta.</p> <p>4. Port state in detail have u ever faced port state inspector. Where , why wat had happent on ship ,</p> <p>5. W.r.t 4th question he started whit stability and construction like stellar plate , strakes , plate , floor etc and gm , gz , rightning moments, kg, km, stif and tender vsl.</p> <p>6. What is allision ever faced it how and when , what was precautionary measures. Shukd have been taken earlier.</p> <p>7. Last ship and all the certificates vlcc will carry</p>  | F3 |
| AWASTHI | 16-MARCH-20 | <p>1. Muster list</p> <p>2. As per what convention muster list is required?</p> <p>3. TPA</p> <p>4. Immersion suit</p> <p>5. What is panting beam, where is it located?</p> <p>6. How many frames where there in your ship?</p> <p>7. What was fixed fire fighting system onboard your ship?</p> <p>8. What is DCP? Content? Draw molecular structure of mono ammonium phosphate?</p> <p>9. Molecular structure of Sulphuric acid ND hydrochloric acid?</p> <p>10. Ism code objective?</p> <p>11. How will you calculate trim and stability of your ship?</p> <p>12. What are the contents of stability particulars</p>   | F3 |
| AWASTHI | 11-AUG-19   | <p>Marpol Annexes. SOPEP. Under which Law?</p> <p>ISM. What is a convention? Stress and types.</p> <p>HRU, weak link. How many rescue boat , life boat , life raft on board you had? Contains?</p> <p>Length of the painter. TPA, Immersion suit.?</p> <p>Fix firefighting on board. Explain. Types of extinguisher onboard?</p> <p>Where was Co2 available? Explain your ship from forward part.</p> <p>As a second officer how will you help chief officer and master to safe marine environment and as per Marpol?</p>   | F3 |
| BALU    | 21-MAR-23   | <p>1.MARPOL 73/78 CONTENT WITH OVERALL EXPLANATION</p> <p>2.SPECIAL AREAS FOR GARBAGE</p> <p>3.CATEGORIES OF GARBAGE</p> <p>4.FIRE PRINCIPLE</p> <p>5.L/B CARRIAGE REQUIREMENTS</p> <p>6.L/R PMS CARRIAGE REQUIREMENTS</p> <p>7.DAMAGE STABILITY</p> <p>8.COF</p> <p>9.ANGLE OF LOL , ACTION</p> <p>10.HYDROSTATIC DRAFT</p> <p>11.FIRE IN GALLEY ACTION</p> <p>12.SURVEY AND CERTIFICATES STATUTORY</p> <p>13.L/R CARRIAGE REQ FORWARD - THIS I WAS WRONG</p> <p>14.SOPEP CONTENTS WHEN TO UPDATE</p> <p>15.SHELL EXPANSION PLAN CONTENT</p> <p>16.DRYDOCKING PLANS</p> <p>17.FRAME NUMBERING - I DID MISTAKE BY SAYIING FWD PERPENDICULAR TO AFT INCREASING (SAID UNACCEPTABLE)</p> <p>18.FOAM APPLICATOR</p> <p>19.SPRINKLER</p> <p>20.CO2 EXTINGUSHER MAINTENANE AND TEST</p> <p>21.FIXED FIRE FIGHTING LAST SHIP EXPLAIN .</p> | F3 |
| BALU    | 4-MAR-22    | <p>SOPEP</p> <p>Marpol73/78</p> <p>Solas and chapters</p> <p>How will you take medical advice?</p> <p>What all will change when ship goes from SW to FW</p> <p>COF</p> <p>Information from KN GZ curves</p>   | F3 |



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|          |            | Stability booklet content  |    |
| BAWEJA   | 20-FEB-23  | <p>Machinery space discharge criteria?<br/> Special Area (Def.). SMPEP.<br/> Types of fire?<br/> Where will you use DCP?<br/> What are the contents of DCP?<br/> Why the drills conducted onboard?<br/> Name of strake beside keel plate?<br/> Difference between Bay &amp; Gulf?<br/> IMO structure &amp; which committees have sub committees?<br/> Where the bow thrusters are located?<br/> What are the uses of it?<br/> What is GRT and NRT?<br/> Marking on L/R?</p>  | F3 |
| BAWEJA   | 9-MARCH-20 | <p>Special area<br/> Enroute<br/> Solas pack A nd B<br/> Lifeboat lowering in heavy weather<br/> Annex 1 special area<br/> Fire in galley<br/> SOPEP and SMPEP (equipments also)<br/> Conventions under maritime safety<br/> Annex VI certificates<br/> COF COB</p>  | F3 |
| BEHL     | 13-JAN-20  | <p>1. Fixed Co2 maintenance. (Msc.circ.1432) (it's his favourite question)<br/> 2. Life boat static dynamic tests.<br/> 3. Name 10 conventions<br/> 4. SCABA checks.</p>   | F3 |
| BEHL     | 7-SEPT-19  | <p>Names of gases in annex 6<br/> NOX discharge criteria<br/> Annex 1 discharge criteria<br/> What is form R<br/> Certificates carried on board<br/> And Attachments for those certificates<br/> Amendments in Marpol Annex 5.</p>   | F3 |
| BHARDWAJ | 13-JUNE-22 | <p>-What you know about annex 6<br/> -All gases in annex 6<br/> -what is energy efficiency plan as per annex 6<br/> -Immersion suit maintenance<br/> -Harmful substances discharged at sea whom to report and what to report (I didn't answer only told the definition of harmful substances)<br/> -at what interval IMDG is updated<br/> -why they supply supplements of IMDG<br/> - Again Harmful substances How to report (not able to answer) _he wanted to hear some marine pollutants also other than reporting procedures</p> | F3 |

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|--------|-----------|--|----|
| BISWAS | 20-JAN-23 | 1. Length of last ship and no of lifebuoy<br>2. Requirement for lifebuoy<br>3. ISC - Dimensions<br>4. Stcw functions<br>5. Mlc titles<br>6. Mlc enforce date<br>7. Bwm enforce date<br>8. Gmdss sea area A2 carriage requirements<br>9. Dsc Frequencies<br>10. Isps and certifate under isps<br>11. Liferaft carriage requirement as per solas<br>12. Minimum distance rescue boat has to go<br>13. Minimum distance lifeboat has to go<br>14. Chief Cook Burnt hand what medication and how<br>15. Radio medical crew with acute order<br>16. Polar code volumes and part<br>17. Paint composition<br>18. Solas chapter 7/11<br>19. Isps under which chapter of solas<br>20. Vts according to which chapter of solas<br>21. Lsa code - chapters<br>22. Chapter 3 and 5 of lsa code (name)<br>23. Chapters in stcw | F3 |
| BISWAS | 20-JAN-23 | 1. Length of last ship and no of lifebuoy<br>2. Requirement for lifebuoy<br>3. ISC - Dimensions<br>4. Stcw functions<br>5. Mlc titles<br>6. Mlc enforce date<br>7. Bwm enforce date<br>8. Gmdss sea area A2 carriage requirements<br>9. Dsc Frequencies<br>10. Isps and certifate under isps<br>11. Liferaft carriage requirement as per solas<br>12. Minimum distance rescue boat has to go<br>13. Minimum distance lifeboat has to go<br>14. Chief Cook Burnt hand what medication and how<br>15. Radio medical crew with acute order<br>16. Polar code volumes and part<br>17. Paint composition<br>18. Solas chapter 7/11<br>19. Isps under which chapter of solas<br>20. Vts according to which chapter of solas<br>21. Lsa code - chapters<br>22. Chapter 3 and 5 of lsa code (name)<br>23. Chapters in stcw | F3 |
| BISWAS | 24-AUG-22 | Marpol 2020 amendments, M/C spaces disch criteria<br>PSSA, list few<br>P & A manual, content, requirement, which language is it written<br>Stealer plate, Capsizing moment, Reserve buoyancy<br>COF, One side formula (don't know)<br>STCW - functions and chapter, Ch 8 name<br>MLC only enforcement date, Hypothermia, hyperthermia,<br>Sprinkler system, How much dist lifeboat can cover?<br>LTA length, FPK tk damaged, how will you assess the damage?   | F3 |

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|--------|------------|---|----|
| BISWAS | 24-AUG-22  | <p>Marpol 2020 amendments, M/C spaces disch criteria</p> <p>PSSA, list few</p> <p>P &amp; A manual, content, requirement, which language is it written</p> <p>Stealer plate, Capsizing moment, Reserve buoyancy</p> <p>COF, One side formula (don't know)</p> <p>STCW - functions and chapter, Ch 8 name</p> <p>MLC only enforcement date, Hypothermia, hyperthermia,</p> <p>Sprinkler system, How much dist lifeboat can cover?</p> <p>LTA length, FPK tk damaged, how will you assess the damage?</p>   | F3 |
| BISWAS | 21-JULY-22 | <p>Solas chapter. FSE. Formula.</p> <p>Deadweight. General emergency alarm.</p> <p>Frequency of fire drill. Component of belt.</p> <p>Solas chapter 11. STCW chapters.</p> <p>Annex 6. Annex 5. MEPC.</p> <p>Packaging group under IMDG. IMDG segregation.</p> <p>How to load dg container?</p>   | F3 |
| BISWAS | 21-JULY-22 | <p>Solas chapter. FSE. Formula.</p> <p>Deadweight. General emergency alarm.</p> <p>Frequency of fire drill. Component of belt.</p> <p>Solas chapter 11. STCW chapters.</p> <p>Annex 6. Annex 5. MEPC.</p> <p>Packaging group under IMDG. IMDG segregation.</p> <p>How to load dg container?</p>   | F3 |
| BISWAS | 13-MAY-22  | <p>No. of Annexes in Marpol? Name all?</p> <p>When was latest changes done in Annex 6. What was changed?</p> <p>SOx as per Tier 3? how much it was previously?</p> <p>PSSA &amp; ESSA? When Polar code came in Force?</p> <p>Which Tankers have Slop Tanks? Requirements?</p> <p>Garbage Management Plan?</p> <p>Does Passenger Ships carry ORB?</p> <p>What you get from Hydrostatic Curves?</p> <p>What is Margin Line?</p> <p>Diameter of Load Line Disc??</p> <p>Define Reserve Buoyancy? formula??</p> <p>Block Coefficient? Angle of Loll?</p> <p>Unstable equilibrium? What Happens to GM?</p> <p>Wall Sided Formula?</p> <p>Security duties of an Officer during Cargo Watch as per ISPS?</p> <p>Suddenly port declares Lvl 3 during cargo Operation, What will be your 1st action? (He asked will you inform Master 1st or Will u stop cargo 1st &amp; then inform Master)?</p> <p>What are your duties in all 3 security levels as per ISPS?</p> <p>Fire Drill onboard? Abandon Ship Drill?</p> <p>What is Emergency Alarm? Duration of Short blast and Long Blast?</p> <p>Pyrotechnics in LVB?</p> <p>Rocket parachute goes upto what height? Intensity? Burning Period?</p> <p>Fixed Firefighting System on your ship?</p> <p>Which locations you find sprinkler on your ship?</p> <p>How much time to Donn Immersion Suits?</p> <p>Solas Chapter? Name all? What is Hypothermia?</p> <p>PFSO and his duties?? What's are MS Notices?</p> | F3 |
| BISWAS | 13-MAY-22  | <p>No. of Annexes in Marpol? Name all?</p> <p>When was latest changes done in Annex 6. What was changed?</p> <p>SOx as per Tier 3? how much it was previously?</p> <p>PSSA &amp; ESSA? When Polar code came in Force?</p> <p>Which Tankers have Slop Tanks? Requirements?</p> <p>Garbage Management Plan?</p> <p>Does Passenger Ships carry ORB?</p> <p>What you get from Hydrostatic Curves?</p> <p>What is Margin Line?</p> <p>Diameter of Load Line Disc??</p>   | F3 |

|        |           |   |    |
|--------|-----------|---|----|
|        |           | <p>Define Reserve Buoyancy? formula??</p> <p>Block Coefficient? Angle of Loll?</p> <p>Unstable equilibrium? What Happens to GM?</p> <p>Wall Sided Formula?</p> <p>Security duties of an Officer during Cargo Watch as per ISPS?</p> <p>Suddenly port declares Lvl 3 during cargo Operation, What will be your 1st action? (He asked will you inform Master 1st or Will u stop cargo 1st &amp; then inform Master)?</p> <p>What are your duties in all 3 security levels as per ISPS?</p> <p>Fire Drill onboard? Abandon Ship Drill?</p> <p>What is Emergency Alarm? Duration of Short blast and Long Blast?</p> <p>Pyrotechnics in LVB?</p> <p>Rocket parachute goes upto what height? Intensity? Burning Period?</p> <p>Fixed Firefighting System on your ship?</p> <p>Which locations you find sprinkler on your ship?</p> <p>How much time to Donn Immersion Suits?</p> <p>Solas Chapter? Name all? What is Hypothermia?</p> <p>PFSO and his duties?? What's are MS Notices?</p> |    |
| BS RAO | 24-AUG-22 | <p>1) Marpol contents</p> <p>2) garbage criteria</p> <p>3) discharge criteria of oily mixture from machinery space</p> <p>4) what all garbage can u discharge in special area</p> <p>5) 5 conventions of IMO</p> <p>6) Emergency fire pump requirements</p> <p>7) what all plans u will remove before dry docking?</p> <p>8) what will shell expansion plan give u?</p> <p>9) where will u locate the shear strake</p> <p>10) What is virtual loss of GM ..how will u control it?</p> <p>11) Name any 3 statutory certificates? Validity for these certificates</p> <p>12) What are the surveys between initial and renewal surveys for these certificates?</p>   | F3 |
| BS RAO | 12-JAN-24 | <p>Introduction</p> <p>1.Marpol content</p> <p>2. Annex v special areas, discharge criteria , garbage record book , type of garbage .</p> <p>3. Lifebuoy requirements, carriage requirements</p> <p>4. Difference between immersion suit and TPA</p> <p>5. Methods of launching liferaft</p> <p>6. Hru working</p> <p>7. Isps certificates</p> <p>8. CSR</p> <p>9. Is solas a convention or code</p> <p>10. Sopep contents</p> <p>11. 5 conventions of imo</p> <p>Little bit of cross questions</p>   | F3 |
| BS RAO | 14-NOV-23 | <p>Content of marpol. List annex five Garbage category.</p> <p>What is sea worthiness?(wants 8 POINTS) ?</p> <p>Fire hose requirements? Emg Fire Pump req?</p> <p>What is Shell expansion plan and how will you do naming?</p> <p>Tell me entire annex 1 discharge criteria for machinery spaces?</p> <p>What all survey are there from Initial to renewal.</p> <p>Requirements for life buoy? Number</p> <p>Contents of sopep? How is it different from smpep. Content of SOLAS ? Some easy cross questions. What is intact buoyancy? Mlc rest hours? Certificates required prior dry dock?</p> <p>Need of each one of them? Stcw content?</p> <p>From where you can find hyd static draft? Later definition of COF.</p> <p>Name 3 statutory certificates? Their validity.</p> <p>Around 8-10 easy one word questions in between.</p>  | F3 |

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|--------|-----------|--|----|
| BS RAO | 25-AUG-23 | <p>Marpol annex 1 discharge criteria. Marpol annex 5 discharge criteria for food and cargo residues. Pssa. Can we discharge garbage in pssa.</p> <p>Angle of loll. Actions if ship is at angle of loll.</p> <p>Stiff and tender vessel (corrected that period of roll is small and large not angle of loll)</p> <p>Fire training manual. SEQ.</p> <p>Pyrotechnics on lifeboat. Pyrotechnics on bridge(wanted to hear lifebuoy with smoke signals). Neil robertson stretcher significance. Action in case of superficial burn.</p> <p>Use of tourniquet.</p>  | F3 |
| BS RAO | 18-AUG-23 | <p>1.How many annex in marpol name them.</p> <p>2.Name all documents required to carry as per annex -6</p> <p>Handed over to external:</p> <p>1.Annex 5 date</p> <p>2.categories of garbage</p> <p>3.wat all entries made in GRB</p> <p>4.Annex 2 date</p> <p>5.which all ships annex 2 apply.</p> <p>6.wat is P and A manual n comes under which annex.</p> <p>7.name all emergency drills on board and their frequency.</p> <p>8.dynamic test of l/b when n who does it</p> <p>9.L/B pms</p> <p>10.methods to launch L/R</p> <p>11.working of HRU</p> <p>12.wat is stellar plate.</p> <p>13.wat informations u get from shell expansion plan.</p> <p>14.Classes of fire</p> <p>15.solas and it's content</p>   | F3 |
| BS RAO | 23-MAY-23 | <ul style="list-style-type: none"> <li>&gt; Lifebouy requirements</li> <li>&gt; Immersion Suit req</li> <li>&gt; Liferaft Equipments and marking</li> <li>&gt; MARPOL contents with dates</li> <li>&gt; Annex 1 Machinery space discharge criteria Inside special area</li> <li>&gt; Annex 2 Discharge criteria , SMPEP</li> <li>&gt; NLS definitions</li> <li>&gt; P&amp;A manual</li> <li>&gt; Annex 5 Discharge Criteria Outside special area</li> <li>&gt; Types of garbage</li> <li>&gt; GRB, ORB, ODMCS, Requirement of COW</li> <li>&gt; Classes of fire , Symbol , Colour coding and which extinguishers to be used</li> <li>&gt; FFA as oer SOLAS</li> <li>&gt; Types of fixed FFA</li> <li>&gt; Fixed fire fighting system on your last ship and it's working</li> <li>&gt; Emergency fire pump requirements</li> <li>&gt; Fire main pressure</li> <li>&gt; Documents under ISM code</li> <li>&gt; Types of Survey and alot of cross questions</li> <li>&gt; Non conformity and Major non conformity</li> <li>&gt; Where you will find the Requirements for survey ( In which Convention)</li> <li>&gt; MLC titles</li> <li>&gt; BWE D1 &amp; D2 Reg</li> <li>&gt; ISPS certificates</li> <li>&gt; IMO structure and full details</li> </ul> <p>and about its committes</p> <ul style="list-style-type: none"> <li>&gt; Loadline convention what is the markings on and its dimensions ( All lines are 25mm thick and S,T,W,WNA,F,TF) explained him all of these</li> <li>&gt; STCW convention Contents and its functions</li> </ul> | F3 |



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|        |           | <ul style="list-style-type: none"> <li>&gt; COG, COF , GZ , GM , Angle of loll cross question</li> <li>&gt; Seaworthiness</li> <li>&gt; Is SOLAS code or convention</li> <li>&gt; SOLAS contents ( I started directly with chapter 1,2 he stopped me and said First tell Fullform and total no of chapters , Main objective and then proceed</li> <li>&gt; He was not bothered that whether you know full content or not he just wanted that you should atleast know Total no of chapters</li> <li>&gt; Randomly asked SOLAS chapt 5,9,14</li> <li>&gt; Statutory Certificate and name some</li> <li>&gt; Plans for drydocking</li> </ul> <p>( I forgot to mention about Dry docking plan but when he said you are missing one of the most imp Plan then it got clicked)</p> <ul style="list-style-type: none"> <li>&gt; Name some IMO convention</li> <li>&gt; Tell me about Radio medical advice ( I told him all about Radio telegraphy and radio telephone</li> </ul> <p>32 - Medical Advice<br/>38 - Medical Assistance<br/>whom to contact<br/>what all is required)</p> <ul style="list-style-type: none"> <li>&gt; Shell expansion plan what all does it gives</li> <li>&gt; GA plan what information does it gives</li> <li>&gt; CSR</li> <li>&gt; Stiff vessel and tender Vessel</li> </ul> |    |
| BS RAO | 19-MAY-23 | <p>Int asked the function result, I said awating, then he asked you are not eligible for this , but he agreed.</p> <p>What is CSR, then handover to external said fun3 finish it fast?</p> <p>Solas chapters. SOPEP. Rescue boat requirements.</p> <p>COF definition, and its use. Methods of launching liferaft.</p> <p>Oil record book. Sheer strake. Shell expansion plan.</p> <p>Your ship ar going for drydock , what all plans you will required.</p> <p>Other then MLC which convention tells about work and rest hour . Explain in detail</p>   | F3 |
| BS RAO | 15-MAR-23 | <p>Marpol all Annexes, Annex V discharge criteria.</p> <p>SOPEP, When to update SOPEP? SOPEP equipment.</p> <p>methods to reduce SOx. NOx criteria.</p> <p>PSSA. VRP. What is fire? (Combination of chain reaction, heat, oxygen and fuel together at same time at same place). Principal of fire(I explain him removal of heat, fuel etc he was not happy).</p> <p>Normal Fire safety practice. Lifebuoy requirements. COSWP explain.</p> <p>MS Act 1958 explain (include registration of ship, official record book, article of agreement with section). Greenhouse effect. Rescue boat requirements. Fire control plan.</p> <p>Muster list. Damage control plan (mention MSC circular 1245).</p> <p>Damage stability (mention MSC circular 1245). Who issue medical chest certificate as per what?</p>   | F3 |
| BS RAO | 23-JAN-23 | <p>SMC. What is duct keel, length of duct keel? What type of life boat?</p> <p>Stowage and launching. No of liferaft on board.</p> <p>Pressure testing of portable extinguisher. Classes of fire.</p> <p>And do teen items to extinguish what type of extn. HRU expiry.</p> <p>Boat fall change. Accommodation ladder.</p> <p>Fire pump and EMG fire pump req. Amendments as per Marpol annexes.</p> <p>Discharge standards of BW. ISPS. ISM.</p> <p>Deck line. Margin line. Stealer plate. Striker plate. Keel.</p> <p>Stringer. Beam. Statutory certificate name 3</p>  | F3 |

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|--------|-----------|---|----|
| BS RAO | 14-DEC-22 | <ol style="list-style-type: none"> <li>1. SOLAS CHP 3 name.</li> <li>2. ISPS CODE</li> <li>3. AS per ISPS code documents required.</li> <li>4. What FFA available on Tanker on deck.</li> <li>5. Statutory certificate and validity</li> <li>6. Statutory certificate Survey at what interval.</li> <li>7. Engine room What are the FFA available.</li> <li>8. Hydrostatic draft, COF.</li> <li>9. PMS of Lifeboat.</li> </ol>  | F3 |
| BS RAO | 14-DEC-22 | <ol style="list-style-type: none"> <li>1. SOLAS CHP 3 name.</li> <li>2. ISPS CODE</li> <li>3. AS per ISPS code documents required.</li> <li>4. What FFA available on Tanker on deck.</li> <li>5. Statutory certificate and validity</li> <li>6. Statutory certificate Survey at what interval.</li> <li>7. Engine room What are the FFA available.</li> <li>8. Hydrostatic draft, COF.</li> <li>9. PMS of Lifeboat.</li> </ol>  | F3 |
| BS RAO | 7-DEC-22  | <ol style="list-style-type: none"> <li>1) MARPOL all annexes</li> <li>2) Annex 5 discharge criteria in special area</li> <li>3) P and A manual and required as per which annex.</li> <li>4) ISPS code</li> <li>5) Documents required as per ISPS code</li> <li>6) Annex 1 Machinery Space discharge criteria outside special area.</li> <li>7) Statutory Certificates Name any three.</li> <li>8) Emergencies drill onboard their frequency and for fire drill and abandon ship drills. Asked ship is put into service or any modification then when drills to be carried out i said don't know he said before ships depart and asked for that case 25% crew not participated when to carry drill i said within 24 hours before ships left the port he shouted and said after ship leaves the port.</li> <li>9) Emergency fire pump capacity and all.</li> <li>10) What is duck keel and location</li> <li>11) your ship is going to dry dock plans required.</li> <li>12) What is Shell Expansion plan?</li> </ol> | F3 |
| BS RAO | 7-DEC-22  | <ol style="list-style-type: none"> <li>1) MARPOL all annexes</li> <li>2) Annex 5 discharge criteria in special area</li> <li>3) P and A manual and required as per which annex.</li> <li>4) ISPS code</li> <li>5) Documents required as per ISPS code</li> <li>6) Annex 1 Machinery Space discharge criteria outside special area.</li> <li>7) Statutory Certificates Name any three.</li> <li>8) Emergencies drill onboard their frequency and for fire drill and abandon ship drills. Asked ship is put into service or any modification then when drills to be carried out i said don't know he said before ships depart and asked for that case 25% crew not participated when to carry drill i said within 24 hours before ships left the port he shouted and said after ship leaves the port.</li> <li>9) Emergency fire pump capacity and all.</li> <li>10) What is duck keel and location</li> <li>11) your ship is going to dry dock plans required.</li> <li>12) What is Shell Expansion plan?</li> </ol> | F3 |
| BS RAO | 5-DEC-22  | <ol style="list-style-type: none"> <li>1. Content of Marpol</li> <li>2. Content of SOPEP</li> <li>3. Content of Smp</li> <li>4. Machinery discharge criteria</li> <li>5. What is ISPS and when come into force and why?</li> <li>6. Certificate under ISPS with explanation.</li> <li>7. Classification of fire</li> <li>8. All surveys in details</li> <li>9. Statutory certificate</li> <li>10. IMO convention</li> </ol>   | F3 |

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|        |           | 11. Shear strake<br>12. Stealer plat<br>13. Emergency fire pumps requirements<br>14. Slope tanker requirements<br>15. Weekly monthly yearly life boat test<br>16. Life raft carriage requirements<br>17. Life buoy carriage requirements<br>18. SCBA Bottle requirements<br>19. Statutory and mandatory certificate validity<br>20. Meteorological equipment onboard<br>21. How to receive navigational warnings<br>22. Requirements sewage treatment plan<br>23. Garbage discharge criteria within special are<br>24. Method to reduce sox emission from ships.<br>25. Sox limit criteria within special are<br>Sox limit criteria outside special area  |    |
| BS RAO | 23-AUG-22 | All Marpol content. MLC certificate.<br>ISM certificate. Mandatory certificate.<br>Duct keel and it's position.<br>Emergency fire pump requirements.<br>Types of convention. CLC convention.  | F3 |
| BS RAO | 17-MAY-22 | Introduction - type of ships<br>Both tankers<br>What is ISGOTT<br>Deck seal and types<br>How will you calculate cargo onboard when loadicator fails on tankers?<br>What is IMSBC code, types of cargo as per IMSBC?<br>IMDG, oil is also dangerous cargo why it doesn't come under IMDG and classification?<br>CSM. Inerting purging and gas freeing, LOT.<br>Types of reefer cargoes and temp.<br>Bill of lading. Sopep content. Solas content.<br>Safe Manning and its requirements. Life raft requirement and regulations.<br>Height of mast riser. Deck seal and types. Bay plan.<br>Csc plate. 3 IMO conventions.<br>Marpol content. Discharge criteria in annex 5. Annex 5 garbage types.<br>Fire classification. Shell expansion plan.<br>While drydocking what plans?<br>Drill frequencies<br>LOTO<br>Hazards of coal and sulphur<br>Stowage factor<br>Sulphur fire action<br>Tonnage certificate | F3 |
| BS RAO | 17-MAY-22 | • 3 IMO conventions<br>• Tell me about marpol<br>• Discharge criteria in annex 5<br>• Req of fire pump<br>• Numbering of frames<br>• Shell expansion plan<br>• While drydocking what plans<br>• Drill frequencies   | F3 |
| BS RAO | 12-MAY-22 | • Marpol contents<br>• Define all annex<br>• Rescue boat requirements<br>• Seaworthiness in detail<br>• Certificate for Seaworthiness<br>• ISPS<br>• Solas ch   | F3 |

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|           |            | <ul style="list-style-type: none"> <li>• Drill frequency</li> <li>• Plan requirement for dry docking</li> </ul>  |    |
| CARASCO   | 5-FEB-24   | <ol style="list-style-type: none"> <li>1. Yard delivery, how will u order medicines</li> <li>2. Statical stab, intact stability</li> <li>3. Angle of loll</li> <li>4. Stable equilibrium</li> <li>5. Reserve boyancy</li> <li>6. IMDG code</li> <li>7. Segregation</li> <li>8. How to start emergency genarator</li> <li>9. Little Smoke comming from small cabin infront of CCR, action (he wants to stop cargo and extinguish it , bcaz its small fire)</li> <li>10. Sopep and contents</li> <li>11. Extinguisher in accommodation and galley</li> <li>12. Upcomming marpol annexes</li> <li>13. Centre of buoyancy</li> <li>14. Wet shift and dry shift</li> <li>15. Abondonship drill requirements</li> <li>16. Annexe 5 discharge criteria and special areas</li> <li>17. SOX criteria</li> </ol> | F3 |
| CARRASCO  | 8-FEB-22   | <p>Liferaft service interval. Lifeboat fall wire changing interval.<br/> Intact stability. TPA vs Immersion suit.<br/> What type of lifeboat on last ship?<br/> Lifeboat equipment. Solas pack A vs pack B.<br/> Lifeboat air support system.<br/> Upcoming MARPOL annexes (later realised that he meant new amendments not annexes)<br/> What is MSDS? Where will you find MSDS on bulk carrier during ballast passage?<br/> How will you order medicines on a newly taken over vessel?<br/> SOPEP. Reserve buoyancy. Righting lever.</p>   | F3 |
| CARRASCO  | 2-OCT-21   | <ul style="list-style-type: none"> <li>- Marpol anx 1 &amp; anx 2 disch criteria</li> <li>- All certificates under Marpol</li> <li>- Static and dynamic test of L/B</li> <li>- All mandatory cert on board ships</li> <li>- SOPEP and SMPEP contents and diffrence and equipments</li> <li>- PFE maintaince</li> <li>- Smoke from galley and you are in CCR on cargo watch action? (in sequence)</li> <li>- you are second mate and vsl in drydock and you have to make medicine list what procedure you will follow<br/>i said sorry sir i am not aware of it said OK!</li> <li>- Solas Chapters</li> <li>- Fixed foam system</li> <li>- Angle of Loll and corrective action</li> </ul>   | F3 |
| CHABRA    | 21-JUNE-23 | <ul style="list-style-type: none"> <li>- pump room entry requirements ( just told to check o2 and other gases contents. If safe then only entry)</li> <li>- marpol ammendments ( told with reg number)</li> <li>- latest ms notice( luckily read it on dg news... Revalidation of master/ CE coc require to do course for 3 days)</li> <li>-how to take medical advice ( fill form A or B as per suitation. Form available in captain medical guide book and then contact cirm)</li> </ul>   | F3 |
| CHAKRABOR | 23-FEB-24  | <p>What is lifeboat? What is survival craft? Maximum &amp; minimum capacity of lifeboat.<br/> Difference between lifeboat and rescue boat. Certificates as per marpol.<br/> What is convention? MEPC. Discharge criteria for chemical.<br/> Special area for Annex 2 and 6. Muster list.<br/> Keel strake,gar board strake,sheer strake. Abondon ship signal.<br/> Distress signal. Rescue boat equipment.</p>   | F3 |

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|             |            | What is HELP test and for which LSA? Stability? Types of lifeboat.<br>What is BDN? As per which annex?  |    |
| CHAKRABORTY | 22-SEPT-23 | <p>Definitions – Lifeboat, Rescue boat.<br/> Diff bw lb rescue boat, Survival craft, Rescue boat, Emergency Abandon ship, Pollution<br/> He needs exact word by word definitions of small small terms<br/> Will guide you if you make silly mistake or speak less but keep quite if you speak wrong<br/> Many more definitions, Annex 1 cargo space discharged criteria,<br/> Special area annex 1 5 4, Full form of all annexes proper full form including marpol,<br/> Types of lifeboat, Maximum rate of descent lb, Glow period rocket parachute,<br/> Bridge pyrotechnics, Life raft equipments ( he will listen to full answer not interrupt in bw),<br/> Construction of bulk carrier, Margin line application, Load line details, Statutory Summer free board, Definition of draft, Full detailed measurements of plimsoll mark all loadline marks,<br/> What is the circle called in plimsoll mark, What is the line across plimsoll mark called measurements? Certificate issued by class is what certificate.<br/> Exact definition of statutory certificates.<br/> Enclosed space and confined space with examples and exact definition.<br/> Lifeboat light duration, intensity. Documents as per annex 3, 4.</p>  | F3 |
| CHAKRABORTY | 20-SEPT-23 | <ol style="list-style-type: none"> <li>1. What is pollution?</li> <li>2. What is MARPOL?</li> <li>3. What is Garbage?</li> <li>4. What is Slop tank and what is its capacity?</li> <li>5. What is a convention?</li> <li>6. What is a Code and name any 2 codes?</li> <li>7. What is MEPC? What does it do?</li> <li>8. What is Stability?</li> <li>9. Which is the strongest bulkhead in ship and why?</li> <li>10. What is survival craft? Define as per Solas</li> <li>11. What and how many all pyrotechnics in a lifeboat, bridge? What is the burning capacity of rocket parachute?</li> <li>12. How many annexes in Marpol, name them?</li> <li>13. What is statutory and mandatory certificates?</li> <li>14. What all documents and certificates required as per Marpol Annex 2?</li> <li>15. Discharge criteria for a chemical tanker?</li> <li>16. What is seaworthy?</li> <li>17. What is the difference between fire and explosion?</li> <li>18. Why tankers have less freeboard than other vessels?</li> <li>19. What is enroute as per Marpol?</li> </ol>  | F3 |
| CHAKRABORTY | 26-OCT-22  | <ol style="list-style-type: none"> <li>1. Difference between Rescue boat and lifeboat</li> <li>2. All the technicalities of rocket parachute height upto which it goes descent period and luminous intensity</li> <li>3. What pyrotechnics in Lifeboat</li> <li>4. What is MARPOL? He wants to here international convention for prevention of pollution from ships</li> <li>5. What was your length of last ship? LR was there in fwd , yes was it fitted with HRU, no WHY? shipping seas may release it inadvertently</li> <li>6. Have you seen loadline? circle was it is called , loadline disc diameter of disc and line passing through it what's that called plimsoll line, upper edge of line passes through centre or lower edge , upper edge passes through centre</li> <li>7. What are statutory certificates what are mandatory certificates and combined what it is called its called as trading certificates</li> <li>8. Who issues loadline certificate?</li> <li>9. Certificate issued by class comes under which certificate ? statutory certificate</li> <li>10. What is classification society</li> <li>11. Name indian classification society? INdian register of shipping</li> <li>12. What is draft of a ship?</li> <li>13. freeboard</li> <li>14. Various committees of IMO</li> <li>15. purpose of legal committee</li> <li>16. Which Lifeboat is there in gas carriers and tankers?</li> </ol> | F3 |



|             |            |   |    |
|-------------|------------|---|----|
|             |            | <p>17. Types of Lifeboats? as per him its 6 fully open, partially enclosed, fully enclosed, free fall, self air contained system lifeboat, and fire protected lifeboats</p> <p>18. When you will renew fall wires of the Lifeboat?</p> <p>19. What is HELP?</p> <p>20. What is muster list? Information on muster list</p> <p>21. What are rescue boat Equipments?</p>  |    |
| CHAKRABORTY | 14-SEPT-22 | <p>Statutory, mandatory, trading certificates in detail.</p> <p>Lifeboat hoisting, lowering speed and length.</p> <p>Name 6 types of lifeboat, capacity of survival crafts.</p> <p>Difference between lifeboat and rescue boat.</p> <p>How to release liferaft, hru in detail.</p> <p>Contents/parts of SMS. Defn draft, summer loadline, pollution, and all other marpol definition. (wanted to hear the exact). Types of equilibrium..</p> <p>Structure of imo, function of committees. Define code convention and protocol.</p> <p>Timber loadlines, Loadline specification, Why Loadline came in place?</p> <p>Which lifeboat you'll find on tankers? Difference in tanker lifeboats than usual lifeboats?</p> <p>Why co2 is used to inflate liferafts?</p> | F3 |
| CHAKRABORTY | 15-JULY-22 | <p>What is lifeboat? What is hull? What is difference between lifeboat and rescue boat?</p> <p>What is convention? What is code?</p> <p>What is assembly?</p> <p>What is min length of the lifeboat?</p> <p>What is minimum length of the life boat?</p> <p>How much person can carry? What is liferaft?</p> <p>Why forward doesn't have HRU at forward? What is annex 6?</p>   | F3 |
| CHAND       | 7-JULY-22  | <p>SEEMP</p> <p>Annex6 complete, Annex 1 discharge req, Annex 2 disch req, Annex5.</p> <p>Onload &amp; offload release mechanism, LB launching,</p> <p>Angle of Loll &amp; corrective action, FSC,</p> <p>MFAG full, Radio medical advice</p>   | F3 |
| CHAND       | 6-FEB-20   | <p>1) Lowering &amp; recovery of life boat. (He wanted to know about name of each parts &amp; terminology being used during entire ops). Also asked about testing intervals &amp; type of tests</p> <p>2) Types of life boats.</p> <p>3) SART &amp; EPIRB (alert, how to activate, solas requirement, how to cancel alert etc.)</p> <p>4) HRU &amp; spring load mechanism</p>   | F3 |
| CHANDRA     | 7-JAN-22   | <p>Marpol annex 6, SEEMP in detail, sox req.. Nox req...</p> <p>Annex 5 in detail GMP, Discharge criteria...</p> <p>Radio medical advice. Diff between TPA &amp; Imersion suit.</p> <p>Monthly checks on rescue boat &amp; entry in logbook. Rest hour requirement.</p> <p>SMC . DOC.</p>   | F3 |
| COUTINHO    | 13-JULY-23 | <p>Discharge criteria for Annex 1 ,4,5 for both inside and outside special area.</p> <p>Special area names for annex 5. ECA Areas names.</p> <p>Immersion suit, TPA, Rescue boat requirements.</p> <p>Fire in forepeak tank action.</p> <p>How will u connect ISC? Intact stability,damage stability,angle of loll and it's correction.</p> <p>Stiff and tender ship. Ism.</p>  | F3 |
| DAGMAN      | 3-JAN-24   | <p>1. How many LB you had on last ship, I said 2... He asked why 2 , I told LB requirements</p> <p>2.How many LR you had on last ship... And same cross question</p> <p>3.working of HRU And it's expiry</p> <p>4. types of fixed fire fighting in last ship</p> <p>5. Requirements of fixed co2 system</p> <p>6. MLC latest ammendments</p> <p>7. List heel diff</p> <p>8. Sopep</p>   | F3 |

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|        |            | 9. Garbage discharge criteria   |    |
| DAGMAN | 20-SEPT-23 | List the conventions. Stcw amendments 2010.<br>MLC amendments. Liferaft capacity for all types vessel.<br>Lifeboat capacity. Additional req for liferaft in forward.<br>Angle of lol. Stable equilibrium.<br>Mlc title. SMS why and certificate validity, who issues.<br>DOC in detail. DOS. Static and dynamic lifeboat test.<br>Annual testing of lifeboats and requirements.<br>Dis cri annex 1. Annex 5 in depth and cross questions.   | F3 |
| DANIEL | 5-SEPT-19  | very strict and be ready for insult if not prepared well.<br>What blunders you made in previous attempts ?<br>I honestly told my mistakes and corrected answers same time.<br>Took it very friendly (so surprising)<br>What is SECA?? What factor to check encountering SECA ( I quickly said sulphur content in fuel oil LSMGO LSFO) happy with it.<br>Nox tiers?? All three quickly, stopped in between.<br>SPL Area for NOx<br>Give your EXN<br>Signed and said , chalo go passed you are second mate.   | F3 |
| DAS    | 2-NOV-23   | Float plate (he means floating disc in ballast vent head)<br>Plate Floor. Bracket Floor.<br>Sheer Strake. Frame Numbering.<br>Can frame Numbering be negative?<br>Emergency training & drill.<br>Changes going from Fresh water to salt water?<br>COF. COB.   | F3 |
| DAS    | 21-MAR-23  | Annex 6 in detail. Seemp. Eedi.<br>Ballast tank inspection. Esp.<br>Cas cap. Requirement rescue boat. Shear strake.   | F3 |
| DAS    | 18-MAY-22  | 1) Fal convention<br>2) annex 1 Marpol full<br>3) Bleeding patient comes at bridge, action?<br>4) Lifeboat PMS<br>5) Annex 6, Marpol<br>6) Loadicator approval certificate<br>7) Loadicator information and various curves it displays<br>8) Ch 13, Solas, Explain full.<br>9) 5 conventions and their data<br>10) fire in pump room<br>11) What is Condition Assessment Scheme<br>13) Statutory Freeboard as per which regulation?, reserve buoyancy<br>14) GZ curve, cross curves<br>15) what is Black list as per STCW convention<br>16) Fixed Foam extinguishing system Solas requirement<br>How to start it? | F3 |
| DEJOY  | 11-MAR-22  | On all ships you sailed what type of lifeboat you had?<br>I told him all 3 ships free fall<br>Asked launching of enclosed lifeboat<br>I didn't mention tricking pendant and browsing tackle, he asked why? I told him from what I've learned from other people, it is no more existing said okay<br>Free fall lifeboat launching and interval<br>What is requirement for free fall lifeboat simulation and how it is done   | F3 |

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|           |           | <p>Asked have you seen the hatch on top of the lifeboat, why is flat or curved? I said I haven't noticed such thing in free fall, said okay, it is to collect the rain water 🤔</p> <p>Drills Freq</p> <p>Solas last 2 chapters, what equipment to carry as per polar code</p> <p>Diff between convention and code</p> <p>Imo convention other than Solas and marpol</p> <p>You're required to take up this examination as per which convention</p> <p>FWA</p> <p>Discharge criteria for annex 2</p>  |    |
| DEREK     | 20-DEC-22 | <p>Objectives of ISM code (word to word as per code) ;</p> <p>When to do renewal survey;</p> <p>If want to do it 4 months prior, can we do it. ;</p> <p>Can PSC check your SSP?</p> <p>In what section of ISPS code this is given?</p>   | F3 |
| DESHPANDE | 16-OCT-19 | <p>Annexs of MARPOL. Can cooking discharge criteria.</p> <p>Ann 5 dich criteria. Hydrostatic draft. Gm gz.</p> <p>Weather tight water tight. Loss of buoyancy.</p> <p>Watch taking over in restricted visibility. Mlc n rest hours.</p>  | F3 |
| DESHPANDE | 15-OCT-19 | <p>Marpol annexes wid certfcts, Annex 6 amendments</p> <p>Hose burst during bunkering.</p> <p>U have rescued a L/R...how wil u come to knw of its identity (wntd to hear Callsign)</p> <p>Any sensor activated...wht hapns on bridge</p> <p>Does fire alram ring thn. Is der any delay period.</p> <p>What will u do wid control panel on bridge when at port?</p> <p>Last ship engine room ffa. Areas covered by hypermist.</p> <p>Smoke activated....n its false..wil hypermist strt.</p> <p>Fw or sw in hypermist.</p> <p>Balast tank structural members, position and whthr thy r horizontal vertical longitudinal or transverse. Stcw code contents.</p> <p>Rest hour. When cn u bypas rest hour regulation and why?</p> <p>How is rest hour compensated? Who fills rest hr onboard?</p> <p>Panama convention in rest hour sheet (ISF tool).</p> <p>PSC code 17 30. Weathertight watertight. Role of hru and weaklink</p> | F3 |
| DESHPANDE | 9-OCT-19  | <p>LIFEBOAT LOWERING FREQUENCY. R/B LOWERING FREQ.</p> <p>MARPOL ANNEXS. DISCHARGE CRITERIA OF OIL STOPPED ME IN BETWEEN</p> <p>ASKED GARBAGE FOOD DISCHARGE CRITERIA.</p> <p>CARGO RESIDUES. WHEN IN WASH WATER?</p> <p>SF BM ( NOT HAPPY). HOUR OF REST( SAID READ MLC).</p> <p>NLS CERTIFICATES. IMDG CONTENT. FSC FSM &amp; FSE.</p> <p>SAUCERING BUNDLING.</p>  | F3 |
| DESHWAL   | 2-AUG-22  | <p>Name all marpol annexes</p> <p>annex 5 garbage categories</p> <p>GRB content</p> <p>annex 1 disc criteria (machinery space)</p> <p>PSSA</p> <p>how to take radio medical advice</p> <p>what medicines to carry onboard</p> <p>SOPEP and SMPEP explain and differentiate</p>   | F3 |
| DEV KUMAR | 10-AUG-22 | <p>1. Fixed fire co2 extinguisher (in detail operation, how you ll go for it.) And how many co2 bottles you will punctured.?</p> <p>2. At what interval pressure testing of extinguisher ? And who will carry out ?</p> <p>3. Maintenance of co2 fixed fire extinguisher.</p> <p>4. Dcp extinguisher content. And how you ll use it on fire ?</p> <p>5. Ship goes from sw to dw, trim will change or not ?? If yes why ? If no why ?</p> <p>6. Defn of COB COG COF</p>   | F3 |

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|        |           | <p>7. Stealer plate and how you will go for naming of stealer plate.</p> <p>8. Hru and weaklink</p> <p>9. Difference between liferaft hru and epirb hru</p> <p>10. EPIRB in detail (full process , Maintenance, testing )</p>  |    |
| DEVESH | 4-OCT-23  | <p>1) What is the meaning of Righting lever and when is it applied.</p> <p>2) Annex 1 cargo spaces discharge criteria</p> <p>3) Structural components of anchor</p> <p>4) Stability criteria for tankers</p> <p>5) What is Reserve buoyancy?</p> <p>6) What is new in Annex 5, how many parts of GRB and what entries will you make?</p>   | F3 |
| DEVESH | 12-DEC-21 | <p>Definitions like DWT, DWA, GZ</p> <p>Grb, gmp</p> <p>Annex 1 cargo area discharge req</p> <p>Lifeboat carriage requirements</p> <p>Fire in paint room</p> <p>Radio medical advice</p>   | F3 |
| DEVESH | 4-DEC-21  | <p>All Marpol Annex?</p> <p>Difference between SOPEP AND SMPEP?</p> <p>How will carry out monthly drill of lifeboat as per SOLAS?</p>  | F3 |
| DEVESH | 12-OCT-21 | <p>Ask ships which ships u have done. Where u have made mistake i told annex 5 discharge criteria. Ok tell me about annex 1 discharge criteria all the points.</p> <p>Now i m asking u more practical ques.</p> <p>U r in ccr and discharge opn is going on suddenly duty ab informs that some leakage are found in manifold what u will do. Sopep equipments</p> <p>Use of saw dust. What is bitter end? How will u let go anchor from bitter end.</p> <p>What is m and ms notice? What medicine are kept with master? Why this medicine are not kept with 2nd off. What is medical chest and expiry date?</p> <p>All drill frequency. Enclosed space drills tell me some important points.</p> <p>Maintenance of FFA what maintenance will u do in portable fire extinguisher. In DCP what present inside it. Many more simple questions regarding portable fire extinguisher.</p> <p>Tell me about MLC.</p> | F3 |
| DEVESH | 2-MAR-21  | <p>Minimum no of marking in extinguisher (I started with types of extinguisher than he stopped me and said I want digit as per Solas). IOPP certificate with form.</p> <p>Seq form. Certificate of free partique.</p> <p>Solas chapter. Oil cargo discharge criteria from pump room.</p> <p>Person came with nose bleeding.</p> <p>Suppose I came with u fracture of hand how u will recognize me?</p>   | F3 |
| DEVESH | 2-FEB-21  | <p>Fire fighting systems on gas tankers</p> <p>Hypermist full operation</p> <p>All equipments on which hypermist is present, why not on other equipments in the engine room</p> <p>Why hypermist, why not water spray system</p> <p>Water spray system on gas carriers</p> <p>What all is done in annual survey of life boats</p> <p>Different types of survey, their duration</p> <p>What all equipment and certificates are checked during annual survey</p> <p>Annex 6 of marpol in brief</p> <p>Plate floors and open floors</p> <p>Angle of loll and corrective actions</p> <p>When was the latest ammendment to STCW</p> <p>Person's nose bleeding take action</p>   | F3 |

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|-------------|------------|---|----|
|             |            | Person having stomach ache, forcing you to get him off the ship take action, give names of medicines you will give him.   |    |
| DEVESH      | 3-DEC-20   | <p>Volatile organic compounds?</p> <p>Annex 5 garbage categories</p> <p>Hold on fire? Fire not extinguishing (last option)?</p> <p>HRU and life raft connection and working</p> <p>MLC convention</p> <p>Work hours</p>   | F3 |
| DEVESH      | 6-NOV-20   | <p>Radio medical advice in detail</p> <p>Maintenance on load off load release in detail mechanism?</p> <p>Rest hours work hours in detail</p> <p>Requirements for portable</p> <p>Galley fire action</p>  | F3 |
| DEVESH      | 13-JAN-20  | <p>Contents of: IOPP certificate, Form A, Form B.</p> <p>List equipment in IOPP certificate.</p> <p>Fire training manual content?</p> <p>Draw fixed CO2 system?</p> <p>Maintenance in fixed CO2 system?</p>   | F3 |
| DHARAM      | 12-MAY-22  | <ul style="list-style-type: none"> <li>- Life buoy requirements</li> <li>- life raft req</li> <li>- marpol Annexes names</li> <li>- IOPPC , everything</li> <li>- intact stability of grain vsl</li> <li>- shell expansion plan</li> <li>- db tank strengthening members</li> <li>- inspection of db</li> <li>- RMA</li> </ul>  | F3 |
| DHARAMSINGH | 6-MAY-22   | <ol style="list-style-type: none"> <li>1. mandatory certificates as per solas.</li> <li>2. fixed co2 inspection and checks</li> <li>3. List all LSA</li> <li>4. checks on lifeboat</li> <li>5. doc. of ISM</li> <li>6. girders</li> <li>7. stable, unstable equilibrium, angle of loll, metacentric height.</li> <li>8. green passport</li> <li>9. intact stability criteria</li> <li>10. name marpol annexes</li> <li>11. OWS</li> <li>12. ORB part1</li> <li>13. SOPEP</li> </ol>   | F3 |
| FRANCIS     | 21-JULY-23 | <p>Intact Stability criteria for Oil tankers.</p> <p>How many chapters in SOLAS? name 3 &amp; 5.</p> <p>If we have life saving appliances and arrangements in Solas then why there is LSA code?</p> <p>Form B &amp; Form R belongs to which certificate?</p> <p>What do you mean by reserve buoyancy?</p> <p>What is DMLC? How many parts? What is the difference? What is DPA?</p> <p>Fire fighting system for deck.</p> <p>Is discharge criteria for machinery spaces is same in special area and outside special area?</p> <p>What is the difference? Pyrotechnics in lifeboat &amp; bridge.</p> <p>What is diff between GM solid and GM fluid.</p> <p>How will you find the FSC for box shaped vessel. What is CSR?</p> | F3 |



|           |             |  |    |
|-----------|-------------|--|----|
|           |             | <p>Diff between Normal Lifebuoy and MOB lifebuoy.<br/>         What update do you do to SOPEP every 3 months?<br/>         Numbering of frames? A2F or F2A<br/>         What information do you find in shell expansion plan?<br/>         When will you use onload mechanism?</p>   |    |
| FRANCIS   | 17-JULY-23  | <p>Vessel sailed<br/>         Is sopep required for bulk carrier<br/>         Discharge criteria for annex 2<br/>         Difference between MoB marker and lifebuoy<br/>         Stability criteria for last ship (Product tanker)<br/>         Garboard strake<br/>         FWA and its formula<br/>         As per what requirement you are appearing for this exam</p>   | F3 |
| FRANCIS   | 17-APRIL-23 | <ol style="list-style-type: none"> <li>1. What is squat? What is its formula?</li> <li>2. What is FWA? What is its formula?</li> <li>3. What is SEEMP? As a 2nd officer how do you contribute to SEEMP?</li> <li>4. Annex 2 discharge criteria</li> <li>5. What are the contents to update in SOPEP as a third officer? What do you update every 3 months in SOPEP?</li> <li>6. Fire drill SOLAS requirement.</li> <li>7. Can any buoy be used as an MOB marker buoy? What is the distinction?</li> <li>8. Will SOPEP apply to a vessel that doesn't have any bunker or oil cargo on board?</li> <li>9. How is strake naming done? What is the adjacent plate to the keel plate called?</li> <li>10. What is CIRM?</li> <li>11. What is intact stability criteria of tankers?</li> <li>12. What is on load and off load mechanism?</li> </ol> <p>As per which convention you are doing this exam and why do you have to do it?</p> | F3 |
| GP SHENOY | 14-NOV-23   | <p>Static test &amp; Dynamic test<br/>         Green Passport<br/>         On load off load release Mechanism<br/>         Contents of damaged stability booklet</p>   | F3 |
| GP SHENOY | 12-MAY-22   | <p>Everything on lifeboat. Drill. Requirement. Lowering and hoisting procedure.<br/>         Heavy weather lowering hoisting. Inspections on lifeboats. Carriage requirements.<br/>         Rescue boat requirements. Procedure for testing of fixed CO2 system.<br/>         MLC, DMLC. Certificates. ISM code.<br/>         Oil cargo discharge criteria. Annex 5 discharge criteria. Marpol special areas.<br/>         STCW and MLC Latest amendments.<br/>         Name any 6 conventions. What is FAL?</p>   | F3 |
| GP SHENOY | 6-JULY-21   | <p>Checks of lifeboat as per Solas<br/>         Where is the muster card located? Which document mentions the requirement and location of muster card (Fire Control Plan)<br/>         Contents of fire training manual<br/>         at what intervals are abandon ship drills carried out<br/>         Immersion suits testing.....at what intervals is pressure testing carried out?<br/>         List all conventions u know<br/>         is ISM a convention?<br/>         Diff between convention and code</p>  | F3 |
| GP SHENOY | 6-JULY-21   | <p>Marpol in detail.<br/>         Fixed fire fighting system on board . Test and maintenance on foam fixed system .<br/>         Lsa detail life boat and Davit test and maintenance.<br/>         Immersion suit yearly test.</p>   | F3 |

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| GUPTA    | 22-AUG-23  | <p>Rescue boat requirements. Life raft and lifeboat criteria. Hru and expiry date.</p> <p>Marpol annex 1 all discharge criteria and all certificates Seeca areas of annex 6.</p> <p>Was not able to ans construction questions went deep inthat subject.</p> <p>Said construction knowlege is very weak. Handed over to internal.</p> <p>Loading dg what precaution you'll take as 2nd mate. Vgm.</p> <p>What if vgm declared is wrong what can happen?</p> <p>I gave many answers like could list or stack weight can increase or vessels stability criteria can be breached. But he wanted that if loaded on deck the GM can become negative if original vgm is high.</p>   | F3 |
| HARINDER | 6-FEB-24   | <p>1 - You are In the Indian Ocean, Can you discharge the cargo tank oil ? If yes what's the criteria</p> <p>2 - you are near South Africa can you discharge machinery oil.</p> <p>3 - basic FFA question</p> <p>4- What checks we carry out in SEQ</p> <p>5- Who carried out the SEQ survey ?</p> <p>6 - Can Flag state detain your ship ? ( yes)</p> <p>7 - what are the markings on the mooring winch.</p> <p>8 - what is the formula of mooring winch ? ( Don't know )</p> <p>9 - what is the melting point of mooring wire -( don't know</p> <p>10- what is a dynamic test of life boat and Cargo gear</p> <p>11- what is the swinging angle of cargo gear in dynamic text ( he wanted to listen in figures....I SAID don't know sir )</p> <p>12- what is SEEMP</p> <p>13- How can you make your ship energy efficient in Navigation</p>   | F3 |
| HARINDER | 23-MAY-23  | <p>&gt; IMO Structure and old name of IMO</p> <p>&gt; Location of IMO and ILO</p> <p>&gt; he repeated the same question types of Deck seal unit ( But He asked me whether you have done tanker or not , as i have done only bulk carriers he didn't entered into deep)</p> <p>&gt; Fire in galley action</p>  | F3 |
| HARINDER | 8-APRIL-21 | <p>Safe manning certification come under which convention</p> <p>Fore peak construction</p> <p>Angle of lol</p> <p>H2s TLV</p> <p>ISGOTT and content</p> <p>Solas chapter</p> <p>Static and dynamic test of life boat</p>   | F3 |
| HARINDER | 5-JAN-21   | <ul style="list-style-type: none"> <li>* Marpol annex</li> <li>* Solas chapters</li> <li>* Angle of LOL</li> <li>* Intact stability criteria of tankers</li> <li>* TPC, MCTC, formulas</li> <li>* Formula for FWA</li> <li>* LOAD LINES DRAW</li> <li>* Lifeboat requirements</li> <li>* Lifebuoy requirements</li> <li>* Vessel more than 100m in length and having freefall lifeboat what will be the requirements to have life-raft on such ships</li> <li>* On load release mechanism</li> <li>* Watertight and weathertight what all compartments are supposed to be watertight</li> <li>* Classes of fire</li> <li>* Extinguishers used in various classes of fires</li> <li>* A60 bulkheads</li> <li>* Explosimeter, tankscope, oxy analyser. Their principles and when are they used</li> <li>* Tumble home</li> <li>* Camber</li> <li>* Stringers</li> <li>* Steller plate</li> <li>* Beckets</li> </ul> | F3 |

|          |            |   |    |
|----------|------------|---|----|
|          |            | <ul style="list-style-type: none"> <li>* MLC contents</li> <li>* MLC certificates on board</li> <li>* ISM contents</li> <li>* ISM certificates</li> <li>* Annex 6 discharge criteria</li> <li>* Tiers for NOx</li> <li>* PSC regulation 17 and 30 (17 states that in case of a deficiency vessel has to correct it before departure i did not know about 30 so he said that is your homework)</li> <li>* Contents of stability booklets</li> </ul>  |    |
| HARINDER | 4-JAN-21   | <ol style="list-style-type: none"> <li>1. IMDG classes</li> <li>2. IMDG supplements</li> <li>3. C.I.R.M</li> <li>4. ECDIS safety settings</li> <li>5. 4-5 ROR cards</li> <li>6. 2 situations</li> <li>7. Errors of GPS</li> <li>8. Errors of radar</li> <li>9. IMSAR all patterns</li> <li>10. Sector search in detail</li> <li>11. EPIRB alert cancellation</li> <li>12. Cargo watch take over</li> <li>13. Ship shore safety checklist.</li> <li>14. Southern Hemisphere TRS action in detail</li> <li>15. MLC contents n certificate</li> <li>16. ISM</li> <li>17. Wx tight and water tight difference</li> <li>18. DOA</li> </ol>   | F3 |
| IYER     | 12-JULY-23 | <p>Immersion suit requirements &amp; pressure testing procedure.<br/> Marpol annex 1 discharge criteria. Both for cargo n machinery.<br/> What is the major difference b/w reg 14 &amp; 14.7 in annex 1.<br/> Marpol amendments of Annex 5 &amp; 6.<br/> How will you make sure, On load mechanism is properly locked.<br/> Precautions while picking up lifeboat. Duties as per MLC. Poison locker.<br/> How will you order medicines. As a 3rd mate how will you confirm the number, location of lifejackets and lifebuoy. You are 2nd mate, and didn't get salary for 3 months. Action.<br/> Then you change the company, gets a RPSL no. How will you verify it<br/> Contents of SOLAS training manual. Working of Deck Foam system and composition.<br/> Proportionate pump.</p> | F3 |
| IYER     | 13-JAN-20  | <ol style="list-style-type: none"> <li>1. Difference between TPA and Immersion suit and their requirements.</li> <li>2. Angle of lol. Corrective action</li> <li>3. Intra muscular and intravenous injection.</li> <li>4. How are frames numbered?</li> <li>5. Latest Solas amendments.</li> <li>6. You are in charge of an abandon ship drill. Explain how will you conduct.</li> <li>7. You have final drafts. How will you use stability booklet and what all information will you obtain. (I explained draft survey, he was satisfied)</li> </ol>   | F3 |
| IYER     | 13-JAN-20  | <p>Co2 system and diagram. All life boat weekly monthly n yr maint.<br/> All foam weekly monthly n yr maint. List and hell diagram and difference.<br/> Timber loadline. Told me few knots to make i said I don't know.<br/> Then gave me rope and wooden stick and told me to make stage for painting a loft i said idk<br/> Then what are your duties as 3rd mate in ISM. MLC requirements n how is it applicable for 3rd off. Frame numbering. IG alarm. Discharge criteria for garbage.<br/> Solas chapters. HRU diagram</p>  | F3 |
| IYER     | 16-SEPT-19 | <p>Maintenance of LSA. Maintenance of FFA. What was firefighting system on your ship?<br/> Explain me in detail with diagram?<br/> What is the function of proportion meter in foam system?<br/> Then he gave me a wooden piece and a small rope he told me to staging.<br/> How to rig staging? Asked me few knots ans bends and hitches.<br/> Draw a diagram when ship is heeled by 5 deg and when ship is listed by 5 deg.<br/> Everything abt ISPS. What is the colour of ISPS card and purpose?</p>  | F3 |

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|          |            | Chapter of solas. Everything abt ISM. What is stringer its location?<br>Types of floor. What is difference between COF And cob?<br>Discharge criteria of garbage and its amendments.   |    |
| JAIRAM   | 5-SEPT-19  | <p>Started with brief introduction, work experience (verifying my oral file same time).<br/>Discussed about previous attempts, questions asked , answers went wrong.<br/>Boosted confidence. What is Garboard strake? Shear strake? Keel plate?? Which strake is stronger most ? Round of bilge?? Bilge keel??<br/>Latest Marpol amendments ? Special Area for Nox??<br/>Any amendment to annex 1? Contents of marpol??<br/>Structure of IMO?? I gave introduction of IMO And IMCO<br/>Council and Assembly stopped me and asked how many members in council and assembly??<br/>Annex 5 detailed ammenmets latest what is HME?? I gave reference of IMSBC<br/>GMP? GRB? ORB? CRB?? Quick answers didn't want full, just checking familiarisation about it. SCBA any latest requirements? Fire Fighting equipment any latest safety requirements??<br/>IMGS contents?? I said medicine and medical supply details and further more couldn't say<br/>Weak link? Description? HRU disposal n maintenance?<br/>I explained about HAMMAR 20 make n model and said the same I saw on almost all ships I have sailed till date. Galley fire in port, you are second mate and saw smoke coming out from galley</p> | F3 |
| JB SINGH | 18-JAN-23  | <p>Marpol annexes<br/>Sopep equipment with quantity<br/>Fire in galley<br/>Fire on mast riser.<br/>Type of fire extinguisher and purpose and content of each with proportion<br/>Intact buoyancy<br/>IMO role</p>  | F3 |
| JB SINGH | 12-SEPT-22 | <p>All introduction<br/>Intact buoyancy<br/>Have gone to FPK tank I said no<br/>Double bottom tank i a<br/>Said yes, ask what material and plates are there and principle of plates<br/>I said frames, floors, girder, beams and types also<br/>What type of fixed extinguisher on last ship (I said co2) asked me how to operate<br/>How to do hard stbd with the help of twin screw?<br/>Stability content</p>   | F3 |
| JB SINGH | 13-JUNE-22 | <p>Definitions stability, righting lever, stable, unstable equilibrium.<br/>Angle of loll. STCW contents. MLC titles. Lifebuoy, pyrotechnic.<br/>TPA and immersion suit difference. Quantity and items in SOPEP locker.<br/>Stability booklet contents. Damage stability booklet contents.<br/>Types of extinguishers. Contents inside the extinguishers with %.<br/>What chemical used in DCP, Foam, Wet chemical.<br/>Action in case of fire in galley. What is seaworthiness?</p>   | F3 |
| JB SINGH | 12-MAY-22  | <p>What is pollution chemical, when we use it? Exactly where we use it (sea/ship).<br/>Content of sopep? Quantity of saw dust in sopep?<br/>Life boat made up of which material? marpol annexes and name them?<br/>All special area in marpol? Why life raft in forward? how to launch it?<br/>Garboard strake &amp; share strake? How to carried out emergency steering drill?<br/>Fire in the steering room? How to release co2?<br/>What is intact buoyancy? All the portable fire extinguisher and its content?<br/>What is dry chemical powder?</p>   | F3 |

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| JB SINGH | 12-JAN-22 | 1. Why marpol came into force , dates and how many annexes with names and dates.<br>2. Imo earlier name of imo ,established date.<br>3. Galley fire drill.<br>4. Type PF extinguisher on board and there maintenance.<br>5. TPA and immersion suit.<br>6. Rescue boat requirement.<br>7. Can lifeboat be used as rescue boat.<br>8. How many liferaft on your last ship and why one liferaft in fwd and its launching procedure.<br>9. Forepeak tank arrangement.<br>10. Framings.<br>11. How to seek radio medical advice?<br>12. Muster list. | F3 |
| JB SINGH | 9-DEC-21  | What all u will learn from your officers onboard?<br>New crew joined with u. How will u update in muster list?<br>Galley fire. Action?<br>Sopep. Contents . OSD? What is the regulation to use it?<br>Ballast tank , name all the frames and floors present there.<br>Use of anode rode. What material it is made up of?<br>On Immersion suit where u will wear lifejacket? Inside or outside?  | F3 |
| JB SINGH | 13-OCT-21 | Stability Booklet contents & who issues? Fixed fire fighting on you last ship.<br>Galley fire drill action. Fire blanket made up of which material?<br>Types of PFE? DCP extinguisher contents.<br>IMO, where is the head office located? Previous name?<br>Marpol 73/78 when it came in force? Reqmts of Survival craft?<br>Can L/B be used as a survival craft? What is seaworthy ship?<br>In DB what structural members you will find?   | F3 |
| JB SINGH | 3-MAR-21  | Sopen lkr content. TPA.<br>Immersion suit. What was the name of imo earlier?<br>Why a liferaft is in fwd ??( Agr ye bologe k log aage fase hote h kaam me to glat h )<br>Ship manoeuvring booklet content.  | F3 |
| JB SINGH | 4-FEB-21  | TPA and Immersion suit difference. Lifebuoy Testing requirement.<br>Why there is liferaft in forward? SOPEP item with exact number.<br>Forepeak Construction and it's strengthening members?<br>IMO and it's working. Fire in galley drill.<br>How will you correct muster list?  | F3 |
| JORDAR   | 14-NOV-23 | 1. Draft marks how to read<br>2. Plimsoll mark dimensions<br>3. Angle of loll<br>4. Why ship goes in negative gm<br>5. Grain stability criteria<br>6. Rest hours requirements<br>7. MLC<br>8. Name any 3 conventions  | F3 |
| JOSHI    | 28-OCT-22 | 1 Marpol annexe names<br>2 Difference b/w survey and audit<br>3 What is survey<br>4 Statutory certificate<br>Mandatory certificate and<br>Difference b/w them<br>5 What marpol annexe to be use under containers<br>6 dynamic test of lifeboat and frequency of test<br>7 what are types of equilibrium<br>8 hydrostatic table content and there content meaning. Like what is TPC n its unit MCTC<br>LCG LCB.<br>9 difference b/w draft and hydrostatic draft  | F3 |



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|           |            | <p>10 how will you get hydrostatic draft</p> <p>11 types of class fires</p> <p>12 extinguishers for class K fire</p> <p>13 doc</p> <p>14 what's is DMLC and its validity</p> <p>15 frequencies of dynamic test of lifeboat</p> <p>16 rescue boat requirements</p> <p>17 which part of orb to be use pn container ships</p> <p>18 where do the cylinder pressure of SCBA to be check shore or onbaord</p> <p>19 what is ballast water management</p> <p>20 sox and nox requirement</p> <p>21 what is ECA?</p> <p>22 sea-unworthy factors</p>   |    |
| K GUPTA   | 7-NOV-23   | <p>Why is it called MARPOL 73/78? Name all the annexes?</p> <p>Tell all the record books and plans in MARPOL annex wise?</p> <p>Where is discharge of sewage logged down? Difference between ODMCS and OWS?</p> <p>Annex 6 ECA's ? Emission requirement inside and outside of ECA?</p> <p>How is emission of SOx reduced? Fixed firefighting system on last ship?</p> <p>Procedure of discharging CO2?(He wants to hear the word headcount).</p> <p>What precautions will you take before using the Fixed DCP?</p> <p>If you started fire pump with the fire mains outlet shut what will happen?</p> <p>Why will the line not burst? Have you seen the relief valve?</p> <p>How will you get to know where plate B12 is? Sheer strake?</p> <p>Garboard Strake? Various stresses? What is the requirement which decides on which framing is to be used while constructing the ship?</p> <p>What is composite framing? What are the structural members in transverse and longitudinal framing? Localised loading? What is beam knee?Where is it attached?</p> <p>Regulation for carriage of Fire Hoses? Regulation of Fire pumps/Emg Fire Pump?</p> <p>Contents of SOLAS? How will you take a radio medical advice?</p> <p>Where is the called connected if you dial 32? Name of the organisation?</p> <p>What is CPR? Define Reserve buoyancy? What is Angle of LOLL ?</p> | F3 |
| KALYNATHI | 7-APRIL-22 | <p>Enclosed space entry checklist. What all gases to check and the value of all gases?</p> <p>Formula TPC, MCTC, what is TPC and MCTC?</p> <p>LSA inspection. Lifeboat maintenance in detail. Fire extinguisher maintenance in detail.</p> <p>ISM? Duties of 3rd off as per ism. Documents under ism.</p> <p>Marpol SOPEP SMPEP.</p> <p>What is special area and PSSA? Beam and girder.</p> <p>Strakes, sheer. What is TMAS?</p>  | F3 |
| KHAMBATA  | 10-AUG-21  | <p>Weekly monthly checks in PFE?</p> <p>Why hole is there in extinguisher?</p> <p>Solas req for fire pump.</p> <p>Pilot ladder why last steps are made of rubber.</p> <p>Are shackles allowed to secure pilot ladder on deck?</p> <p>SF (wants to hear Opposed by forces of buoyancy) &amp; BM</p> <p>How you'll find Hyd draft?</p> <p>What is Mean of means when is it used?</p>  | F3 |
| KHAMBATA  | 9-MAR-21   | <p>Annex 2 in</p> <p>Chemical tankers tanks requirements and many more questions as i have done chemical tanker</p> <p>Lifebuoy marker requirements</p> <p>MLC content and certificate issued</p> <p>What is DMLC and MLC difference between them</p> <p>Life raft requirements, Life boat engine requirements, MSDS</p>  | F3 |
| KIRAN     | 12-DEC-22  | <p>1. Pour point</p> <p>2. Pour ( Bulk Carriers)</p> <p>3. Fixed fire fighting system in MS, Pump room &amp; deck on an oil tanker.</p> <p>4. Pump room ventilation and safety measures. (Asked regarding interlock of ventilation)</p> <p>5. Smoke coming out of paint locker</p> <p>6. Cert of fitness</p> <p>7. Sox Limits</p>   | F3 |

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|        |           | <p>8. Hydro test of SCBA and portable extinguishers ( he said as per dg it's 3 yrs for portable ext)</p> <p>9. MLC and it's insurance regarding reparation.</p> <p>10. STCW rest hours.</p> <p>11. Received a new Lifebuoy , what all checks.</p> <p>12. Lifeboat davit checks</p> <p>13. Drills</p>  |    |
| KL     | 19-JAN-24 | <p>Can we change tha bridge lifebuoy with any other if damage</p> <p>Req of life buoy</p> <p>Life boat on load release mechanism</p> <p>Safety for on load mechanism</p> <p>3/0 duty in piracy</p> <p>Radio medical advice format from where u get</p> <p>Timber load line why it's different from normal</p> <p>If salary not paid for 2 months as per mlc what is to be done</p> <p>Diffence between list and heel</p> <p>What is panting stress</p> <p>How will u discharge cargo residual</p> <p>Hijacking checklist it is in latest amendment</p> <p>What is angle of lol</p>  | F3 |
| KL     | 19-JAN-24 | <p>1. discharge criteria annex 2 and exceptions</p> <p>2. solidifying cargo and high viscosity cargo definition</p> <p>3. pre wash requirements</p> <p>4. annex 4 amendments</p> <p>5. lifeboat requirements and launching procedures</p> <p>6. what precautions you will take while launching</p> <p>7. fixed foam fire fighting requirements and operating procedures on your last vessel and proportion on your last vessel</p> <p>8. you haven't received your salary for last 2 months what you action will take as per MLC</p> <p>9. difference between heel and list stability wise</p> <p>10. angle of lol and corrective action</p> <p>11. timber loadline</p> <p>12. how you will dispose expired medicine and pyrotechnics</p> <p>13. you are in gulf of aden what all precautions you will take ( piracy related) and which publication you will refer for the same</p> | F3 |
| MAKESH | 4-FEB-22  | <p>Asked lights and shapes</p> <p>Difference between fishing and trawling vsl</p> <p>Shooting lights ans</p> <p>Ur in Singapore strait u see two vsls crossing in TSS what action will u take?</p> <p>Fishing vsl STBD to port suddenly lights go off what are the reasons and action</p> <p>Difference between TPA and immersion suit. Frequency of drills.</p> <p>When is emergency manoeuvring carried out?</p>  | F3 |
| MAKESH | 4-FEB-22  | <p>Requirements of lifeboat. SOPEP.</p> <p>What is ODMCS? Can it be used on Chem tankers.</p> <p>Name 5 conventions. Is ISM a convention?</p> <p>What is MLC? Rest hours as per MLC.</p> <p>ISPs certificates and documents.</p> <p>What is CSR? Asked about frequency of drills.</p> <p>What checks before enclosed space entry?</p> <p>When using portable gas instrument what all gases should it measure?</p> <p>How much ppm of h2s is required for alarm?</p>   | F3 |
| MAKESH | 14-OCT-21 | <p>What is CIRM</p> <p>Any 5 conventions of IMO</p> <p>Name of marpol annex 1 &amp; 2 and which plans they carry</p> <p>MLC Rest hour requirements</p> <p>Certificates as per ISPS</p> <p>Functional requirements of ISM code duties of 3off as per ism</p> <p>Angle of lol</p> <p>What is Fresh water allowance it's formula in mm &amp; cm</p>  | F3 |

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| MANCHALWAR | 23-JUNE-23 | 1. Time taken for discharging co2 in engine room<br>2. What is Solas chapter 12<br>3. Contents of Solas chapter 12<br>4. Discharge criteria for food waste<br>5. What is the size requirement for comminuted food waste.<br>6. Metacentric height<br>7. What is fsc<br>8. Why do we say apparent loss of GM<br>9. If we discharge cargo from bottom of ship will gm increase or decrease<br>10. Shell expansion plan<br>11. How numbering is done in shell expansion plan    | F3 |
| MANCHALWAR | 2-NOV-21   | 1. Certificates of ISM<br>2. Certificates of ISPS.<br>3. What is statutory certificate<br>4. What is mandatory certificate?<br>5. Trading certificates.<br>Explain in details in simple language what is statutory and mandatory certificates with examples<br>6. Stowage req. Of lifeboat   | F3 |
| MANCHALWAR | 6-OCT-21   | Marpol annex 1 name and date, Discharge criteria from cargo space<br>ISPS certificate (special mention CSR)<br>Torsional stress, racking stress, bending moment, shearing moment<br>Where you will get all these<br>What is FPD, on load off load launching procedure?<br>As 3/O how will you prepare your ship for PSC<br>What additional support in construction for bulk carrier?   | F3 |
| MANHAS     | 9-NOV-20   | simple principle to extinguish a fire<br>HRU operation how?<br>If LEL is 99.9% then will the mixture burn? yes or no with reason.<br>lifeboat requirements.<br>during cargo watch if your ship ropes part away and the stern is drifting out what action will you take?  | F3 |
| MANISH     | 15-SEPT-22 | Marpol annexes and name.. MEPC.. Stringer plate..<br>PSI.. Hydrostatic table info.. Water tight and weather tight..<br>Pyrotechnics in details and specific values..<br>Solas chapters.. ISPS.. STCW chap.. Drill freq..<br>TPA.. Diff b/w solas pack a and b..<br>Hypothermia.. Areas 2 of GMDSS.. FXI... PXI..<br>Sprinklers and use and which ship..<br>M and ms notices.. Reserve buoyancy.. A 60 bulkhead – specification   | F3 |
| MANISH     | 8-OCT-21   | Discharge criteria of annex 1 pump room. Certificates.<br>Rescue boat requirement. Certificate of ISM.<br>Types of deck seal and use. Angle of lol and action.<br>FSC definition. On what value IG system will give alarm and many more no question from internal because he is asking in between.   | F3 |
| MANISH     | 6-OCT-21   | Statutory certificates<br>Annex- II discharge criteria<br>IAMSAR Patterns<br>How will you decide which pattern to consider?<br>TPA and immersion suit difference<br>Static and dynamic test of L/B<br>What tests to be done on lifebuoy?<br>Fixed foam system working<br>Difference b/w High and low expansion foam<br>On watch a person falls into tank and suffers injury in legs. Your action in chronological order<br>Bilge keel<br>Intact stability criteria of Tanker | F3 |

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|---------|-----------|--|----|
| MARKESH | 10-AUG-19 | <ul style="list-style-type: none"> <li>-Annex 4 discharge criteria</li> <li>-certificates under all annexes</li> <li>-latest amendments in MARPOL</li> <li>-gases under annex 6, EEDI, SEEMP</li> <li>-SOPEP, SMPEP, what is quarterly changed in it</li> <li>-some definitions -camber, fluke, tumblehome, flare, bilge keel</li> <li>-difference between TPA and immersion suit</li> <li>-Angle of LOLL, correction</li> <li>-Equilibriums</li> <li>-list any 5 conventions</li> <li>-STCW rest hours</li> <li>-which chapter says about duties of 2nd officer</li> <li>-duties of 2nd officer under STCW</li> <li>-fire drill requirements in passenger and cargo ships</li> <li>-u hv done chem tanker.. wall wash test u know...during wall wash test how long the ventilation to be stopped</li> <li>-enclosed space entry procedures</li> </ul> | F3 |
| MARTIN  | 1-SEPT-23 | <ol style="list-style-type: none"> <li>1. Recovery of lifeboat in heavy weather?</li> <li>2. Launching of free fall lifeboat?</li> <li>3. Bunker spill action?</li> <li>4. Partial loss of intact buoyancy action?</li> <li>5. Angle of loll?</li> <li>6. Sopep contents and how will you update it. How will you use sopep in emergency?</li> <li>7. Co2 system operation</li> </ol>  | F3 |
| MARTIN  | 23-AUG-23 | <ol style="list-style-type: none"> <li>19 Difference btwn annex 1 discharge criteria MS outside and inside special area</li> <li>20 whom to contact during spill when at port and when at open sea</li> <li>21 Difference btwn Port contact list and Contact list</li> <li>21 Lsa maintenance requirement</li> <li>22 Solas chapters ( 11,9,3)</li> <li>23 what is reg 19 in solas chp 3</li> <li>24 What is implements regarding solas chp 11-1</li> <li>25 Special areas of Anex 1</li> <li>26 FSE how, why and what is happening also asked about diagram</li> <li>27 Buoyance full details</li> <li>28 Ammendments of Cargo residue</li> <li>29 What is cargo residue and which annex apply for this</li> <li>30 Recovery of LB in heavy weather</li> <li>31 Launching of freefall LB</li> <li>32 Sopep contents when is updated</li> </ol>        | F3 |
| MENON   | 7-JULY-22 | <p>Marpol annexes names</p> <p>Annex 4 discharge criteria</p> <p>Action to be taken in event of galley fire and which extinguisher to use</p> <p>Person injured on deck and has got a fracture - what action</p> <p>ISPS Code</p> <p>Measures to be taken for security level 2</p>   | F3 |
| MIRANDA | 13-JAN-20 | <ol style="list-style-type: none"> <li>1. Machinery space disch criteria</li> <li>2. List the names of special areas under annex 1</li> <li>3. What is stiff and tender vessel</li> <li>4. What is angle of loll</li> <li>5. How will you correct Angle of loll</li> <li>6. What is keel</li> <li>7. What is bilge keel.</li> <li>8. What is watertight and weather tight.</li> <li>9. Full form of DCP</li> <li>10. Fire jn galley, take action</li> <li>11. How many life raft onboard. Why fwd liferafts have no hru.</li> <li>12. What is CPR</li> <li>13. how will u give CPR</li> <li>14. Difference between TPA and immersion suit</li> </ol>   | F3 |

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|-----------|------------|--|----|
|           |            | <p>15. Why marool is called 73/78</p> <p>16. Latest ammendments in Solas. ANSWERED I said i don't know all ammendments, but there is a new chapter in solar i.e. Polar code</p> <p>17. Which Chapter is Polar code. just wanted to hear chapter number</p>   |    |
| MITHILESH | 12-SEPT-22 | <p>MLC. All about doc and SMC.</p> <p>Solas chapter. Difference btn on load and offload.</p> <p>Lifebuoy dimension. DWA. Change SW to DW.</p> <p>FW to DW. FW to SW.</p>   | F3 |
| MITTAL    | 12-JAN-24  | <p>1. Density</p> <p>2. Cog</p> <p>3. Cof</p> <p>4. Pivot point</p> <p>5. Heel list</p> <p>6. Buoyant force</p> <p>7. Reserve buoyancy</p> <p>8. Unstable equilibrium</p> <p>9. Name any 8 convention of imo( only could ans 5)</p> <p>10. Form E and its contents</p> <p>11. Where will get details of FFA(form C)</p> <p>12. Titles of mlc</p>   | F3 |
| MITTAL    | 27-OCT-22  | <p>1. Discharge criteria for machinery spaces</p> <p>2. Lifebuoy requirements</p> <p>3. Fixed fire fighting system on last ship</p> <p>4. How smoke detector works</p> <p>5. What is weak link and breaking strength</p> <p>6. What is SOPEP and it's contents</p> <p>7. 8 conventions as per IMO</p> <p>8. How CO2 system works (for cargo hold)</p> <p>9. What is unstable equilibrium.</p> <p>10. What is angle of Loll and corrective actions</p> <p>11. COF</p> <p>12. COB</p> <p>13. Hydrostatic draft</p> <p>14. What is negative GM</p>  | F3 |
| MOHIT     | 13-SEPT-19 | <p>Marpol annex-3 only name. Anx-1 and 6 discharge criteria.</p> <p>ORB, GRB-Garbage categories. Lifeboat weekly monthly annual test.</p> <p>fixed firefighting test duties of 3/0 with CE. ESP.</p> <p>Safety equipment survey. Form R. CLC and Fund. Sopep content.</p> <p>oil pollution during bunker action. L/B- equipment.</p> <p>Recovery in heavy weather. SCBA test.</p> <p>Amendment- marpol, mlc and fss code. IMGS.</p> <p>Medical advice. CIRM. Frame no. starkes no. and definition, LOA, LBP, mctc, TPC, angle of lol and corrective action and few more definition on const and stability.</p> | F3 |
| MONDAL    | 5-FEB-24   | <p>Definition of seaworthiness (many cross questions on this)</p> <p>Intact stability and reserve buoyancy difference</p> <p>IF hatch cover is open then by what intact buoyancy will change</p> <p>Difference between ballasting and bilging.</p> <p>Equipment as per annex 1 in engine room.</p>   | F3 |
| MONDAL    | 9-JAN-24   | <p>1. What information will you get in Stability booklet.( wants to hear table starting with draft, disp, etc in order)</p> <p>2. What is trim table.</p> <p>3. For how much draft it is made for.</p>   | F3 |



|        |             |  |    |
|--------|-------------|--|----|
|        |             | <p>4. Annex 6 certificate and. document with full form.</p> <p>5. What is Annex 2, what is noxious.</p> <p>6. What is toxic( he said both are synonym)</p> <p>7. What is stringer( i thought painting stringer 🤔 )</p> <p>8. What is Gunnel and more construction words that i have never heard.</p> <p>9. Under IOPP which machinery is in engine room.</p>   |    |
| MONDAL | 24-APRIL-23 | <p>1. MOB in starboard side and your vsl in moderate sea conditions action on bridge ? ( Many cross question on this )</p> <p>2. What is height of swell in moderate sea conditions?</p> <p>3. MOB manoeuvres in details</p> <p>4. How to refer IMGS ?</p> <p>5. A person is dead on Ship what are the procedures ? ( I was not aware about this )</p> <p>6. What is seaworthiness?</p> <p>7. A port state officer comes on board and you are third officer and not able to start lifeboat . What psc inspector can do ?</p> <p>8. Marpol Annex 1 discharge Criteria both cargo and machinery space</p> <p>9. Equipments in engine room as per marpol annex 1</p> <p>10. Marpol Annex 6 discharge criteria</p> <p>11. What are Carbon footprints ?</p> <p>12. Spurling pipe</p> <p>13. Mud accumulation inside chain locker, how would you remove this ?</p> <p>14. Camber</p> <p>15. Sheer</p> <p>16. Flare</p> <p>17. Apron plate</p> <p>18. Bowsing tackle and tricing pendant</p> <p>19. Drouges ( first I was confused then I told that it is related to sea anchor and I don't know much )</p> <p>20. Firefighting equipment inside Lifeboat</p> <p>21. All FFA on board</p> <p>22. Lifebuoy marking and is this marking on both sides of the lifebuoy ?</p> <p>23. Stability booklet information</p> <p>24. Trim tables and what are information you can see in that ?</p> <p>25. What are Panting Arrangements</p> | F3 |
| MONDAL | 23-AUG-22   | <p>What do you know about Marpol? All Annexes?</p> <p>Marpol Annex 1 Discharge Criteria Cargo &amp; Machinery spaces?</p> <p>What is Special Areas? Annex 1 special areas.</p> <p>Difference between ODMCS &amp; OWS? ORB-2</p> <p>Entries in GRB? MLC 2006? Name any 5 conventions?</p> <p>Weekly, Monthly Maintenance of LSA Equipments?</p> <p>Intact stability criteria of Tankers? Block Coefficient?</p> <p>What is Shell Expansion Plan? You are in CCR on cargo watch. Fire in Galley action?</p> <p>Fixed Fire Fighting Equipment in Pumproom?</p> <p>Maintenance of Fixed CO2 system? What you know about Loadicator?</p> <p>What are Static &amp; Dynamic Stresses?</p>   | F3 |
| MONDAL | 11-MAY-22   | <p>SMPEP. ANNEX 2 (Discharging and Prewash).</p> <p>Scope of PORT STATE INSPECTION and FLAG State INSPECTION</p> <p>UNCLOS. EEZ.</p> <p>All LSA requirements as per SOLAS (Life jacket, life raft, immersion suit, tpa, lifeboat, rescue boat, pyrotechnics ) fir, camera bnd ho gya and Oral was stopped there only.</p>  | F3 |
| MUKESH | 4-DEC-21    | <p>Marpol annexe 1 special areas</p> <p>Definition of enroute as per marpol</p> <p>Difference between gulf and bay</p> <p>Sopep equipments</p> <p>What is bow thruster</p> <p>Difference between lifeboat and rescue boat (be specific and accurate in this)</p> <p>What is grt and nrt</p> <p>Structure of imo and assemblies under it</p>  | F3 |

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|         |            | <p>What is the content of soda acid extinguisher</p> <p>Difference between sheer strake and garboard strake</p> <p>Name of first strake of keel</p>   |    |
| NAMBIAR | 25-NOV-22  | <p>Typical stability questions.</p> <p>FWA, equation. How it changes, what about box shape vessels?</p> <p>Reserve buoyancy and equation. Contents of stability particulars.</p> <p>ISPS, ism codes in detail. DPA, CSO, SSO.</p> <p>Documents and certificates as per ISM and ISPS.</p> <p>Went into most of the certificate as per different conventions.</p> <p>Who issues certificate? SWL.</p> <p>Chain registry. Marpol Certificates.</p> <p>What is PSSA, special areas?</p> <p>Discharge criteria of oil from slop tank. (I said normal one)</p> <p>Then went into FSA. Types of maintenance to be done on board.</p> <p>Mainly about life raft. Immersion and TPA difference.</p> <p>EPIRB requirements, frequencies, how it works validity. When to replace or something like that. I said 1 year. He said 1 year my balls 😂 HRU.</p>   | F3 |
| NAVAR   | 22-JUNE-23 | <p>External- food waste discharge criteria.</p> <p>Meaning of communitied.</p> <p>Metacentric height</p> <p>Fixed CO2 in engine room requirements.</p> <p>TPA in lifeboat</p> <p>High expansion and low expansion foam.</p> <p>Marpol annexes with dates.</p> <p>How will you take radio medical advice.</p> <p>MS and M notices.</p> <p>Lifebuoy requirements.</p> <p>Angle of loll . Corrective actions.</p>  | F3 |
| NAVEEN  | 21-FEB-23  | <ol style="list-style-type: none"> <li>1. What is your CDC No.</li> <li>2. what is annex 4 in marpol</li> <li>3. discharge criteria of sewage.</li> <li>4. What is the diameter of the sewage which we have to discharge and rate also.</li> <li>5. discharge criteria as per Annex -2</li> <li>6. what is FSE</li> <li>7. What is unstable equilibrium.</li> <li>8. Example of the unstable equilibrium ( how to contour and..how its form on board ship)</li> <li>9. what is righting lever</li> <li>10. what is SF</li> <li>11. which part it affects the ship (SF)</li> <li>12. what is bilge keel</li> <li>13. Purpose of bilge keel( place where it is located....)</li> <li>14. What types of ship u have done (tanker).</li> <li>15. What all data you found in Indicator during loading and discharging.</li> <li>16. what type of fixed extinguisher on board ur ship</li> <li>17. What is the capacity of fixed foam system</li> <li>18. Low expansion ratio</li> <li>19. We use on deck area, high expansion or low expansion ( and for which location)</li> <li>20. what is the requirement of fixed co2 system</li> <li>21. Capacity of fixed co2 system bottle.</li> <li>22. what is pounding</li> <li>23. Sheer force how it affect the ship and which part of ship.</li> <li>24. monthly and weekly test of lifeboat and davit</li> <li>25. What is the pyrotechnics in lifeboat ( and howmuch quantity..6,4,2)</li> <li>26. what u check in the pyrotechnics during monthly inspection of lifeboat .</li> <li>27. What is the procedure for Release of CO2 system for engine room.</li> <li>28. foam applicator requirement.</li> </ol> | F3 |

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|        |            | <p>29. how to test EPIRB Onboard</p> <p>30. What is onload and off load mechanism.</p> <p>31. Which mechanism u prefer onboard. (Onload/offload)</p> <p>32. when we use onload mechanism.</p>  |    |
| NAVEEN | 8-FEB-23   | <p>Marpol annx 1 mach space crit.</p> <p>Mention abt reg 14/14.7 he got very happy.</p> <p>Life boat/ fire drill freq tell him evry thing like for passenger ship also.</p> <p>Seemp. Annex 6, what is nox sox?</p> <p>Ism code. Cert under ism code.</p> <p>Biofouling and biodegradable substances</p>   | F3 |
| NAVEEN | 2-NOV-22   | <p>1) Reserve bouyancy</p> <p>2) Is is good or bad and why is it important</p> <p>3) Annex 1 special areas</p> <p>4) Discharge criteria Annex 1 and Annex 2</p> <p>5) Fixed extinguishing system on your ship and which is used where</p> <p>6) portable extinguisher and their spares</p> <p>7) maintenance of extinguishers</p> <p>8) MFAG how will you use it</p> <p>9) what medicines will you carry</p> <p>10) Information and hazards of cargo where will you get</p> <p>11) MSDS full</p> | F3 |
| NAVEEN | 18-OCT-22  | <p>-Firepump requirement</p> <p>-How will you start emergency fire pump</p> <p>-MARPOL annex 1 discharge criteria</p> <p>-Special area define and name as per annex 1</p> <p>-Explain everything about annex 6 (SEEMP, EEDI, IEEC , NoX , SOX , ODS and VOC details and requirements)</p> <p>-No emergency questions</p> <p>-MLC and STCW in brief</p>   | F3 |
| NAVER  | 21-JUNE-23 | <p>How will you take Radio medical advice? How many tpa are required in lifeboat?</p> <p>Food waste discharge Criteria. How much content of food waste after communitied will be formed? Metacentric height. Cargo loaded UD gm increases or decreses.</p> <p>High expansion foam. Will u use high exp foam on deck.</p> <p>MS notice.</p>   | F3 |
| NAYAR  | 20-NOV-23  | <p>Time requirement for CO2 dischg in machinery spaces. EEBD.</p> <p>Dschg criteria for food waste. Shearing force. GM.</p> <p>Vsl discharges cargo from bottom, what will happen to gm.</p> <p>Requirements for L.B. (How many for cargo ships, lowering requirements).</p> <p>When to change L.B falls. Frame numbering.</p> <p>How to get Radio medical advice.</p>   | F3 |
| NITIN  | 12-DEC-23  | <p>1- Introduction</p> <p>2- Stiff vessel, Rolling period</p> <p>3- Remove Cargo from lower hold, what is effect on GM?</p> <p>4- Radio Medical Advice how to take?</p> <p>5- Why will you take medical advice?</p> <p>6- Lifeboat carriage requirements?</p> <p>7- Food waste discharge criteria?</p> <p>8- Food particle size after communitior?</p>   | F3 |

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| NITIN | 13-SEPT-23 | Pyrotechnic in number. Difference between steering gear drill and steering gear test.<br>Striker plate. Angle of loll. Corrective action.<br>Monthly maintenance for lifeboat. Search pattern.<br>Full form of IAMSAR. Requirement of CO <sub>2</sub> cartridge.<br>When we will refill the fire ext. Centre of flotation.<br>Where to find GM? Difference between KM and KG.<br>Certificate of registry. Stability booklet content.   | F3 |
| NITIN | 12-SEPT-23 | 1. Annex 1 cargo space Discharge criteria He wants to listen slope tank arrangement and o d m c s.<br>2. Annex 5 food waste discharge criteria.<br>3. Annex 4 certificate, Equipment, holding tanks, and discharge criteria, special area.<br>4. Any five I m o conventions.<br>5. Stcw full form, content.<br>6. Angle of loll and correction,<br>7. Cof n cob.<br>8. Where is collision bulkhead. Why required.<br>Numbering of frames.<br>9. sopep drill n life maneuver in water frequency.<br>10. 3 iamsar volumes<br>Content of vol 3, which volume to be on-board carry as per which reg. | F3 |
| NITIN | 2-FEB-21   | Virtual Loss of buoyancy in intact condition?<br>Each and every maintenance requirements and schedule of CO <sub>2</sub><br>Ship suddenly lists to 7° on one side, reasons and precautions<br>What quarterly changes are to be done in SOPEP?<br>When you collide with another vessel, how will you assess the damage?   | F3 |
| NITIN | 7-JAN-21   | Ask which ship u sail I told him to I sail in cont. vl intact stability of cont vl,<br>what damage stability, diff between weather and water tight doors diff between TPA and exposure suit angle of loll, fresh water allowance, far, free board,<br>statuary cert, SOPEP and SMPEP req.  | F3 |
| OAK   | 16-FEB-24  | 1. Discharge requirements machinery spaces<br>2. Special areas annex 1 and 5<br>3. IOPP certificate A and B<br>4. Frame numbering<br>5. How will you seek radio medical advice.<br>6. HRU and weak link in detail<br>7. Emergency generator<br>8. Fire control room arrangements.<br>9. CO <sub>2</sub> cartridge replacement<br>10. Colour coding of garbage.<br>11. Unstable equilibrium<br>12. Role of RO in ISPS<br>13. Dimensions of ISC (International shore coupling)<br>14. DOC and SMC<br>15. Fixed CO <sub>2</sub>   | F3 |
| OAK   | 16-FEB-24  | As incharge of lifeboat what will you do after lifeboat is waterborne.<br>Start working hrs. Epirb working hrs.<br>What is RSO? ISPS part a & b.<br>How will you familiarize new crew members?<br>How will you know ship is compliant with ISM?<br>DMLC part 1 & 2. Lifebuoy requirement. Requirement of lifeboat engine.<br>Discharge criteria for bilges in container ship outside special area.<br>What if concentration is exceeded by 15ppm?<br>What will you check in liferaft after it is received from servicing?  | F3 |

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| OAK | 15-FEB-24   | How do u know ship approved by ism? When will replace co2 cartridge?<br>Maintainance on immersion suit. Working of hru and weak link.<br>Ammendments to checklist. Explain all u know about fire station.<br>Discharge of oil misture from engine room. Discharge of annex 2 cargo.<br>What are m notices? What is dmlc1 and dmlc 2?<br>U activated epirb by accident , action.<br>Fire in pump room action. Person collapsed In pumproom action.<br>Fire in engine room action. Explain prewash requirements for cat x and cat y cargo.<br>Marpol annex 5 Discharge.   | F3 |
| OAK | 17-JAN-24   | 1- Discharge criteria for bilge pump room in Oil tanker<br>2- lifeboat maintenance<br>3- you are in fire room...what can you operate from their<br>4- fire in galley<br>5- basic LSA question<br>6- stability question  | F3 |
| OAK | 4-JAN-24    | Colour coding of annex 5<br>INDSAR rescue procedures<br>Can you discharge machinery space bilges in SA if yes why?<br>Amendments of GMP<br>Requirements of GMP<br>ISM requirements  | F3 |
| OAK | 20-NOV-23   | What is DMLC 1 and DMLC 2<br>What is Form A and form B of IOPP<br>what is form c and form e<br>L/B engine requirements<br>Emergency generator requirements<br>Duty of third officer under ISM<br>What is RSO<br>Testing of immersion suit<br>What is stability booklet and info get from it<br>What's trim table  | F3 |
| OAK | 17-JUNE-23  | <ul style="list-style-type: none"> <li>• latest Ammendment of marpol annex 6</li> <li>• what is eexi ,seemp explain?</li> <li>• form A and B if IOPP?</li> <li>• DMLC part 1 and 2?</li> <li>• minimum rest hours?</li> <li>• rescue boat requirements</li> <li>• lifeboat engine starting requirements and how much fuel?</li> <li>• type A and type B life raft</li> <li>• expiry of drinking water (life raft)</li> <li>• checks to do when life raft comes after service</li> <li>• portable VHF radio battery expiry period and what type of battery is used?</li> <li>• blips on radar ..what does it mean and what will you do?</li> <li>• how to test epirb and what to do if distress alert sent while testing</li> <li>• how to attend fire hydrant if leaking</li> <li>• which type of valve in hydrant</li> <li>• how to rescue person from pump room</li> <li>• how to test SCBA</li> <li>• fire in Gally during night</li> <li>• how will you familiarise a new crew</li> <li>• what is M notices and MS notices</li> </ul> | F3 |
| OAK | 18-APRIL-23 | START UP QUESTIONS # MEDICO<br># WHICH VOL. FOR MEDICAL ADVICE # IMGS # FUN 3 FULL FORM<br><br>LSA<br># LIFE BOUY STANDARDS # LIFE JACKET STANDARDS # SI LIGHTS STANDARDS<br># LIFE BOAT MARKINGS # RESCUE BOAT LENGTH REQUIRMENT<br># SART TEST # EPIRB TEST # LIFE RAFT HRU # EPIRB HRU<br># IMMERSION SUIT MAINTENANCE # TPA MAINTENANCE # LTA LENGTH # ON LOAD<br>OFF LOAD # HOW MANY PYRO-TECHNIQUES AT BRIDGE AT LIFEBOAT   | F3 |



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|     |          | <p># LAUNCHING OF FREE FALL LIFE BOAT</p> <p>FFA<br/> # fire extinguisher types # fire class types # portable CO2 / pressure / maintenance<br/> # fixed foam on deck requirement standards # fire main / hydrant / nozzle<br/> # fire hydrant leaking - tell me cause # fss code content and Solas chapter<br/> # LSA code content and Solas chapter # what info in fire plan locations<br/> # fire damper plan what info</p> <p>MARPOL<br/> # DATES OF ANNEX # SOPEP / SEMPEP DIFFERENCE<br/> # ANNEX 2 DISCHARGE CRITERIA # ANNEX 5 GARBAGE CATEGORY<br/> # ANNEX 6 CERTIFICATES</p> <p>Stability<br/> # metacentric height # tell me about equilibriums and gm of them # angle of loll<br/> # corrective measures # stability booklet content # corrective measure of FSE<br/> # reserve buoyancy</p> <p>Construction<br/> # flare # gasket plate # how many stresses on ship # 6 degree of motion<br/> # what is bilge strake # location of bilge keel # chamber</p> <p>MLC<br/> # DATE # DMLC PART 2 # DMLC PART 1 # TITLE</p> <p>ISPS<br/> # SECURITY LEVELS # CERT.</p> <p>MISC<br/> # HOW MANY SURVEY # WHAT IS RENEWAL SURVEY # ESP IN WHICH CHAPTER OF SOLAS # SOLAS CHAPTERS 11 NAME # AMMENDMENT FOR GRB</p> |    |
| OAK | 6-MAR-23 | <p>Fire in Galley. How you rescue person from pump room?<br/> Free fall lifeboat launching interval. FPD.<br/> Checks on SCBA. Angle of Loll.<br/> Content of training manual.<br/> Duties of 3rd off according to ISM code.</p>   | F3 |
| OAK | 2-DEC-21 | <p>If u r confident he will move to next question<br/> Marking on L/B L/R<br/> Light intensity n duration of lifebuoy life jacket n markings<br/> Expiry date of portable vhf batteries n food in L\b.<br/> Rescue boat requirement.<br/> Why HRU N weaklink there in L/R and working.<br/> Charging pressure of scba,duration n how will charge . N all checks<br/> What is Citadel n preapration.<br/> All the dynamic stresses,in between he was asking about the arrangements to compensate that stresses.<br/> Quick diagram of load line on paper n showed him on camera.<br/> U r on bridge and fire in galley at night action<br/> Got SART signal action.<br/> Type of fire hydrants.<br/> What is in it .<br/> Latest amendments of marpol annex 5<br/> Load line convention.</p>  | F3 |

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| OAK | 2-DEC-21    | Lsa code, Ffa code, Dmlc-1/2,<br>Activation of epirb, Fire in galley,<br>Solas in details & Amendments in annex 5  | F3 |
| OAK | 5-JULY-21   | Marpol 73/78 , discharge criteria annex1,<br>Sopep, Garbage record book, soc and nox discharge criteria, controlled drugs, yard delivery of ship how to order medicine, righting of liferaft procedure, TPA, difference b/w immersion suit and tpa, Loading cargo angle of lol stbd side action. Smoke from crew cabin action. 24h after departure master, c/o, 2nd off. fainted in pump room action. Radio medical advice.  | F3 |
| OAK | 13-APRIL-21 | Lifeboat engine requirements. RSO in isps recognised security Organization<br>Cardinal buoy. Muster list content n details in it.<br>20 ship complement, prepare muster lists.<br>Latest Ms notice on covid its regarding to garbage discharge at indian port as per my knowledge issued in. May 2020. SMPEP CONTENTS.<br>Numbering of lifeboat why STBD side 1 n port side 2. Why its not vice versa.<br>ANNEX 6 latest amendments. SECA AREAS. FIRE IN GALLEY.<br>SCBA bottle filling n SCBA maintenance. Firepump requirement.<br>Extinguisher spare requirements. HRU n weak link.   | F3 |
| OAK | 11-MAR-21   | Duties of 3rd officer as per ISM<br>How will u obtain ISPS certificate?<br>What is RSO?<br>Rescue boat requirements. Maintenance of L/B.<br>What is HRU?<br>Stresses experienced by vessel. SECA area.   | F3 |
| OAK | 9-NOV-20    | requirements for changing cartridge of portable fire extinguisher.<br>how will you recognise a life raft on a ship? (wanted to know appearance and markings)<br>describe how a ship will get its first ISPS certificate on delivery?<br>who is RSO?<br>stringer plates<br>How to strengthen the ship against panting and pounding?<br>unstable equilibrium<br>block coefficient<br>How will you number floors in a ship.<br>expiry of lifeboat ration<br>Certificates to be carried onboard as per all MARPOL annexes.<br>marpol discharge criteria annex 1<br>capacity of emergency fire pump on cargo ship.<br>How will you start an emergency generator manually? | F3 |
| OAK | 10-SEPT-20  | You are on tanker, loading is in progress vsl port side alongside, vsl listed to stbd, reached angle of loll, action?<br>2. How will you upright your liferaft?<br>3. What is IEEC?<br>4. SOPEP required as per what regulation?<br>5. SOPEP contents?<br>6. Liferaft painter length?<br>7. Draw stable equilibrium?<br>8. Gave a paper showed drafts F=5, M=5.7, A=6 vsl hog or sag? (I said it's trim by stern he said only two options hog or sag choose one , I said hog. He told explain why? )<br>9. Automatic release of liferaft?  | F3 |

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| OAK        | 11-JULY-19 | LIFEBOAT REQ., RESCUE BOAT REQUIREMENT, REQUIREMENT FOR CHANGING CARTRIDGE, TPA REQUIREMENT, IMMERSION SUIT TEST, LIMITING SWITCH, REQUIREMENT OF LIMITING SWITCH.   | F3 |
| OTTERAN    | 11-JAN-22  | Intact stability, tpa and immersion suit difference, Anx 1 disch criteria<br>Anx 5 special areas<br>How will you order medicine( Flag state waala pt he wants to hear)<br>You are in CCR during cargo ops see a smoke coming from galley, action.<br>Reserve buoyancy, draw neutral equilibrium, gave drafts 5,5.7,6 asked hog or sag.   | F3 |
| P KUMAR    | 11-JULY-23 | INTRODUCTION<br>COMPANY AND TYPE OF SHIP<br>EXTERNAL - MARPOL ANNEXES<br>DISCHARGE CRITERIA FOR ANNEX 5<br>COF<br>FLARE<br>TUMBLERHOME<br>ANGLE OF LOLL<br>CORRECTIVE ACTION<br>ISM CODE CERTIFICATE<br>INTACT STABILITY AND DAMAGE STABILITY<br>CO2 SYSTEM RELEASE PRECAUTIONS<br>RESERVE BUOYANCY<br>RISE OF FLOOR<br>SOLAS A SOLAS B PACK<br>CONTENT OF SOLAS SPECIALLY 9,10,11<br>CERTIFICATE OF REGISTRY  | F3 |
| P. KUMAR   | 19-MAR-23  | 1. Continue with annex 1 disch. criteria<br>2. Flare (ship construction)<br>3. What is Stability booklet<br>4. Contents of Stability booklet<br>5. What all changes when going from SW to FW (TPC, MCTC, draft)<br>6. Why TPC changes (he needs change in waterplane area)<br>7. Certificates under isps code<br>8. Emergency fire pump<br>9. Righting moment<br>10. Righting lever<br>11. Angle of loll<br>12. Torsional stress<br>13. Liferaft went for shore based maintenance as 3rd mate how will you secure back to its position. (Securing with HRU)<br>14. What is HRU<br>How it works.  | F3 |
| P.C. MEENA | 5-OCT-21   | Requirement to carry SOPEP and SEMPEP<br>In your ship which was carried if SEMPEP then why not both.<br>What are the Watertight and weather tight doors<br>Which doors are these watertight ya weathertight ( Fwd Bosun store,Bridge wing door, Hatch in bulk carrier and Manholes on deck).<br>FAL, content of Polar code, Solas chapters.<br>Vsl more than 100 m with free fall life boat what are the requirements for life raft.<br>Solas A pack and B pack difference.<br>Difference between buoyancy and reserve buoyancy.<br>What is MCTC, FWA and TPC. ( what factor will change if MCTC is changed).<br>Content of stability booklet.<br>What is A60, fire on Mast riser Action.<br>CIRM and what are the 2 digit code for med adv and med ass. | F3 |

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| PANIGRAHI     | 19-APRIL-23 | RULE 17,19 QUOTE<br>BRIDGE PROCEDURE GUIDE<br>IAMSAR<br>IALA BUOYS<br>DIFFERENCE BETWEEN ISO.DANGER MARK AND SAFE WATER MARK<br>CARDS PILOT, AGROUND AND SOME MORE.<br>ANNEX 2,4 EXPLAIN EVERYTHING TO HIM.<br>ALL ABOUT LONG BY CHORN FULL PROCEDURE.<br>SITUATION BASED ON<br>BUOYS.<br>SOME MORE DON'T REMEMBER.<br>AND ONE MORE THING I WAS TRYING TO EXPLAIN IN HINDI SOME POINTS HE GOT ANGRY SAID ANS IN ENGLISH ONLY.  | F3 |
| PANIGRAHI     | 17-MAY-22   | Davit test. Marpol Annex 6. Machinery space discharge criteria.<br>Maintenance of immersion suit. Angle of LOLL.<br>What is GZ, righting lever? Lowering of lifeboat in emergency, actual abandon ship, how to perform. Contents of stability booklet.<br>Stem rake and Keel Rake. Sheer Strake.<br>Bilge keel. Transom floor.<br>Certificates under SOLAS. Validity of DOC.<br>Validity of interim DOC and when it is issued?<br>SOPEP, its contents.<br>What is MFAG? What is on load release hook? What is MS Notice? | F3 |
| PANIGRAHI     | 17-MAY-22   | Machine space disch criteria. SMPEP.<br>All marpol annexes. Certificates of marpol and solas.<br>Contents of solas. Ch 9. ISM code.<br>What is SEEMP? Contents of annex 6. Immersion suit maintenance.   | F3 |
| PANIGRAHI     | 8-FEB-22    | Solas certificates. IOPP certificate parts.<br>Machinery space discharge criteria. SEEMP.<br>LSA code contents. AOLL what is it. PSSA.   | F3 |
| PANIGRAHI     | 5-JULY-21   | Annex 2 discharge criteria. SOPEP manual.<br>Oil Record Book. Garbage Management Plan.<br>Stem Rake. LSA code.<br>Why dcp cannot be used for oil fire?   | F3 |
| PARDHASYA     | 21-AUG-23   | Angle of loll. Corrective action and formula.<br>Machinery spaces discharge criteria. Solas contents.<br>Maintainence of fire extinguisher. What is keel rake and stem rake?<br>Contents of sopep. Statutory Certificate as per Solas<br>What is transom floor? What is torsional stress? What is FSC?   | F3 |
| PARTHASARATHI | 19-MAR-23   | 1. Solas how many chapters<br>2. Chapter 9<br>2. Certificates under ism, ISM.<br>4. Purpose of ism<br>5. Safety equipment survey (SEQ)<br>6. Form e<br>7. Marpol annexes<br>8. Annex 1 discharge criteria  | F3 |

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| PC BISWAS | 19-DEC-22  | 1. How many chapters in STCW Convention<br>2. What is chapter 8<br>3. What are the functions in STCW<br>4. On your CoC booklet on first page what all functions will be mentioned<br>5. How many chapters in SOLAS<br>6. Name of chapter 14<br>7. When was Polar Code entered into force<br>8. When was Ballast water convention entered into force<br>9. What is P&A manual as per Annex 2<br>10. What is capsizing moment<br>11. What is Angle of LOL<br>12. How to correct Angle of LOL<br>13. What is COF (centre of floatation)<br>13. What is FSE and its formula<br>14. What is FSC and its formula<br>15. Why do we apply FSC<br>16. What is Stringer<br>17. What is Striker plate | F3 |
| PC MEENA  | 10-AUG-21  | Before MLC came which international conventions were there for seafarers? And what are the main conventions which formed MLC.<br>MLC -> who issues DMLC 1 AND DMLC 2<br>What does MLC offer for seafarers? And what is social security<br>What are the types of amendments?<br>GZ CURVES.<br>What are Carlings? Gusset plate.<br>Frame numbering. What maintenance you will do for marine evacuation systems. Which ships have marine evac system?<br>What are the regulation for fast Rescue boats & which ships have these fast RBs? Not normal rescue boats.  | F3 |
| PC MEENA  | 4-AUG-21   | Imp difference between rescue boat and lifeboat<br>Draw liferaft diagram and explain<br>5 convention<br>Draw recovery strop and how it is used.<br>FFP aj to artist ban gya 🤔  | F3 |
| POSWAL    | 20-SEPT-23 | How many liferafts as per solas?<br>How many fire extinguishers must be carried on tankers?<br>Rescue boat equipments.<br>What is sheer strake? From where will u get it?<br>How will you calculate summer dwt and GM?   | F3 |
| POSWAL    | 9-MAY-22   | Life raft has come from servicing, what all u will check (especially hru).<br>Marpol, mlc, complete in deep. Solas chapter.<br>Galley fire, action. Electrical fire action. Certificate of annex 6.<br>All other certificates. Hydrostatic curves in detail.<br>Lifebuoy, liferaft requirement. MFAG in detail.<br>Medical emergency action. Diff between IMCS and MFAG.<br>Angle of loll and correction.  | F3 |
| POSWAL    | 11-MAR-21  | Started with stability ,<br>significance of Metacritic height,<br>angle loll, life raft servicing req,<br>lifeboat full, lifeboat lowering in real scenario,<br>galley fire - don't answer it that CO2 is fixed  | F3 |



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| PRAMOD | 12-JAN-24 | <ul style="list-style-type: none"> <li>.Marpol annexes</li> <li>.Proposed annexes</li> <li>.BWM ? Its purpose certificates Documents and its entries</li> <li>. D1 and D2 standard</li> <li>. ORB part 1 and 2 and its entries</li> <li>. Annex 2 discharge criteria</li> <li>.metracentric height and cross question in that</li> <li>. CoB and CoF</li> <li>. Angle of loll and cross questions</li> <li>. Flare</li> <li>. Sheer</li> <li>. Principle of fire fighting ( smothering like that)</li> <li>. Emergency fire pump and its uses</li> <li>. Fixed co2 system</li> <li>. Pms of Life boat</li> <li>. Life raft and hru</li> <li>. Does I/Boat use as rescue boat ? Why</li> <li>. General Requirments of rescue boat</li> <li>. Documents carried under ISM</li> <li>. Doc and smc detailed and too many cross questions in that</li> </ul> | F3 |
| PRAMOD | 14-NOV-23 | <p>What are duties of 3rd officer as per ISM?</p> <p>Marpol certificates. Annex 2 discharge criteria.</p> <p>At night you have found fire inside galley action.</p> <p>How will you rescue a person from pumproom? How will you repair leaking hydrant?</p> <p>Types of fire hydrant. Types of coupling.</p> <p>How will you change the cartridge of portable co2 extinguisher?</p> <p>There are 3 holes on the top of extinguisher what is it for. How will you test Epirb?</p> <p>Types of battery of portable vhf and there validity. How SART works?</p> <p>What is homing signal? Many more small questions not remember..</p>   | F3 |
| PRAMOD | 3-OCT-23  | <p>Total annexes in marpol and their names. Contents of SMPEP.</p> <p>At what interval contact list in Smpep to be updated. Annex 1 cargo space discharge criteria.</p> <p>COB. Which all factors change when density changes? Angle of LOLL.</p> <p>Stability criteria for cargo ship. GZ. Shell expansion plan.</p> <p>Frame numbering. Medical publications onboard.</p> <p>Lifeboat requirements. Liferaft checks after servicing.</p> <p>L/b lowering interval. Pressure testing interval of extinguishers.</p> <p>Which chapters of solas deals with lsa and ffa..</p> <p>Why we need lsa and FSS code. DOC SMC. Mlc certificate.</p> <p>Dmlc part 1 &amp; 2.</p>   | F3 |
| PRAMOD | 3-OCT-23  | <ol style="list-style-type: none"> <li>1. Define vessel</li> <li>2. Assumption shall not be made on basis of scanty info. ? What does it mean?</li> <li>3. Why do we prefer altering of course not reducing of speed( I told two he was expecting more)?</li> <li>4.quote rule 7d</li> <li>5. Situation - vessel on port bow,u are doing 000°, intially bearing was 320 ,now bearing is 340° ,vessel was 6,7 nm away? Action</li> </ol>   | F3 |
| PRAMOD | 3-OCT-23  | <ol style="list-style-type: none"> <li>1. Name all annexes</li> <li>2. Discharge criteria for annex v,cargo residues discharge criteria</li> <li>3. Ammendment of annex v</li> <li>4. Smpep and sopep difference</li> <li>5. If a ship has smpep,does it require sopep?</li> <li>6.contents of smpep</li> <li>7. Tumblehome,strake,frame numbering,sheer strake,shell expansion plan,</li> <li>8. Angle of loll,centre of floatation</li> <li>9. What parameters of ship will change in going from fw to sw?</li> <li>10. Document as per ISM and validity(DOC ,SMS (validity 5 years subject to intermediate audit)</li> <li>11. Fire drills frequency</li> <li>12. Which convention talks about drills?</li> </ol>  | F3 |

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|             |            | <p>13. Difference between free fall lifeboat and conventional lifeboat, what will be requirements of other LSA (like liferaft, rescue boat)</p> <p>14. Differentiate req for launching of free fall lifeboat (3M, 6M)</p> <p>internal</p> <p>14. Lifeboat used as rescue boat requirement</p> <p>15 Solas fire safety objectives</p>  |    |
| PRAMOD      | 26-SEPT-23 | <p>#Metacentric height</p> <p>#Shear stake</p> <p>#Blige keel</p> <p>#Garboard stake</p> <p>#Discharge certria of food waste and size</p> <p>#Disch outside in side special area machinery space.</p> <p>#Cat. NLS as per annex 2</p> <p>#Can we discharge cargo residue as per mopal annex 5 inside special area.</p> <p>#Slop tank as per which reg.</p> <p>#How will you minmiz sox and nox emssion.</p> <p>#Sox limit outside ECA and inside ECA.</p> <p>#Slop tank capacity.</p> <p>#Medical advice</p> <p>#How you will order medicine</p> <p>#Lifebouy requirement</p> <p>#TPA requirement</p> <p>#High foam expansion? And ratio</p> <p>#SOLAS content</p> <p>#Content of Solas</p> <p>#Content of LSS code</p> <p>#Certificate as per solas</p> <p>#Green pasport</p> <p>#Certificate as per ISPS</p> <p>#What certificate shall be issued to ship as per stcw.</p> <p>#SOPEP context which all ship apply what things to maintain</p> <p>#Certificate under ISM</p> <p>#security level 123</p> <p>#Dos</p> <p>#Validity of IEEC</p> | F3 |
| PRASHANT    | 6-AUG-21   | <p>Marpol annex 1 name and date , Discharge criteria from cargo space</p> <p>Isps certificate ( special mention CSR)</p> <p>Torrisional stress, racking stress, bending moment ,shearing moment</p> <p>Where you will get all these</p> <p>What is FPD ,on load off load launching procedure,</p> <p>As 3/O how will you prepare your ship for PSC</p> <p>What additional support in construction for bulk carrier?</p>   | F3 |
| RANGANATHAN | 18-AUG-23  | <p>1). Fixed Fire fighting system on oil tanker</p> <p>2). Foam expansion ratio of high and low expansion with location of use</p> <p>3) ISM certificate</p> <p>4) ISPS Certificates</p> <p>5) D1 and D2 standard of BWMC</p> <p>6) BW Exchange requirements and methods as per D1 standard</p> <p>7) liferaft and Lifeboat food and water requirements</p> <p>8) working Procedure of HRU</p> <p>9) angle of LOLL and actions required</p> <p>10) how Numbering of shell plating is carried? FTA Or ATF ?</p> <p>11) Procedure to carry fire drill onboard</p> <p>12) contents of stability booklet</p>  | F3 |

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|-------------|-----------|--|----|
| RANGANATHAN | 18-AUG-23 | <ol style="list-style-type: none"> <li>1) Lights of sailing vessel when underway, stopped, propelled by machinery</li> <li>2) Lights of aground vessel</li> <li>3) Lights and shapes of trawlers, fishing vessel</li> <li>4) Sound signal of Aground vessel</li> <li>5) Use of gnomonic charts and how will you plot a line on gnomonic charts</li> </ol>  | F3 |
| RANGANATHAN | 18-AUG-23 | <ol style="list-style-type: none"> <li>1) Types of Fixed Fire Fighting system - on all tankers and ships</li> <li>2) CO2 fixed fire fighting working</li> <li>3) How will you pressure test CO2 system - step by step</li> <li>4) Fixed Fire fighting on gas carriers - also working ?</li> <li>5) How does heat and smoke detector work, locations and construction</li> <li>6) Marpol all annexes name and brief</li> <li>7) Annex 6, new things related to sox and nox</li> <li>8) what is the first thing you'll do when you detect fire and smoke ?</li> </ol>  | F3 |
| RANGANATHAN | 9-MAY-22  | <p>Co2 testing requirements<br/>Co2 testing details...<br/>Pollution prevention equipment on board .....<br/>Detail process of lowering of gravity davit lifeboat.....<br/>Liferaft lowering procedure by manual ....<br/>Hypermist system requirements.....why only engine room.<br/>SCBA requirements.... EEBD.....<br/>Shell expansion plans<br/>Dry docking plan</p>   | F3 |
| RAO         | 5-FEB-24  | <ol style="list-style-type: none"> <li>1. What is MARPOL and its content</li> <li>2. Annex-V special areas</li> <li>3. Discharge of annex-V in special area.</li> <li>4. Any 5 type of garbage with CODE</li> <li>5. What details you get in GMP</li> <li>6. Tell me all equipment related to garbage you have seen onboard with their location.</li> <li>7. You are going for drydock, which all plans you need.</li> <li>8. Shell expansion plan (hoe numbering of frames are done)</li> <li>9. Sheer strake, garboard strake</li> <li>10. If I say plate number E10... what do you understand.</li> <li>11. Req for no. of lifebuoy on cargo ships.</li> <li>12. Capacity of lifeboat on your last ship.</li> <li>13. How many life raft on your last ship, capacity of each one.</li> <li>14. In how many ways liferafts can be launched (brief deatails of all 3)</li> <li>15. Some basic stability definitions.</li> </ol>   | F3 |
| RAVI        | 2-NOV-23  | <ol style="list-style-type: none"> <li>1.What are the functional requirements of stcw?<br/>Explain all?</li> <li>2.Aircraft Homing frequency</li> <li>3. HRU explain and what the knife cuts inside hru I said Rope. Not happy</li> <li>4. Foam Concentrate?</li> <li>5. What are Important ISPS cerrficate</li> <li>6. 1966 which Regulation Came in?</li> <li>7. Dynamic Test of Lifeboat</li> <li>8. Which regulation states about Rescue Boat.</li> <li>9. What are the contents of LSA.</li> <li>10. What re contents of FFA</li> <li>11.crew is unhappy on board how to motivate.</li> <li>12 Solas chapter14&amp;13 in details</li> <li>13 Anti Fouling paint requirements</li> <li>14 NOX criteria</li> <li>15 Drill requirements and frequency of each</li> <li>16. Hydrostatic curves</li> <li>17 Bongean</li> <li>18 Sart activated not giving light what to do?</li> <li>19 Co2 line flushing requirements</li> <li>20 Epirb full name: Cospas sarsat Epirb</li> </ol> | F3 |

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|           |           | <p>21 AFFF? And it's composition</p> <p>22 there is Safety Breach whom to report.</p> <p>23 INDSAR</p> <p>24 What are things removed from ESP?</p> <p>25 Annex 4 , From where Grayish and Brackish Water come from Sewage treatment plant.</p> <p>26 What is Hypothermia.</p> <p>27 What are Different types of Burn?</p> <p>28 explain all types of burn.</p> <p>29 Iamsar What is SRR?</p> <p>30 Difference between MS notices and MSA.</p> <p>31 MSA contents</p> <p>32 COSWAP colour coding which chapter?</p> <p>33 Isgott amendments</p> <p>34 What was before Marpol?</p> <p>35 Sox emissions in SECA area.</p> <p>Want to hear amount of reduction.</p> <p>36 what is PPM</p> <p>37 BWM code and significance?</p> <p>38 What are records as per electronic Record book?</p>  |    |
| RAVINRA   | 18-AUG-23 | <p>(asked which type of ship sailed, I said gas carriers, asked all types of questions other than gas carrier).</p> <p>1. Permissible load density definition and unit</p> <p>2. If LD of hold is 10m<sup>2</sup>/t and a tractor is to be loaded of 45 tonnes occupying a space of 4m<sup>2</sup>, will you load? What will you tell surveyor if it has to be loaded</p> <p>3. Reefer cargo categories</p> <p>4. Precautions for loading refer cargo</p> <p>5. Banana carriage temperature (didn't know)</p> <p>6. Cargo sweat and ship sweat and gave conditions of loading temperature, outside air temperature and dew point and asked about ventilation</p> <p>7. Cargo rigging plan (didn't know)</p> <p>8. Imdg code contents</p> <p>9. Explain flammability curve, a little basic cross questioning</p> <p>10. CSAP</p>   | F3 |
| RAVINNDRA | 18-AUG-23 | <p>1). Fixed Fire fighting system on oil tankers</p> <p>2). How does foam extinguish fire</p> <p>3) types of fire fighting system on your ship</p> <p>4) how to give cpr</p> <p>5) discharge criteria for annex 1 cargo and machinery spaces</p> <p>6) special area and pssa definition</p> <p>7) liferaft equipment</p> <p>8) hru breaking strength</p> <p>9) EEDI calculation</p> <p>10) Name any 5 conventions and tell 2-3 lines about each</p> <p>11) Solas chapters</p> <p>12) How is ISSC obtained (wanted to hear about ssa and as soon I said that he said ok)</p> <p>A few more basic easy questions</p>  | F3 |
| ROHIT     | 8-FEB-21  | <p>1. Marpol Annex 5 Disch Criteria</p> <p>2. HRU Working with diagram and how is Life raft Inflated automatically when vessel is sinking what gives jerk to painter to inflate.</p> <p>3. weak link diagram draw</p> <p>4. Angle Of Loll in Port Actions</p> <p>5. After correcting Angle of Lol Fire in opposite Cabin of CCR actions.</p> <p>6. Upcoming MARPOL Annexes</p> <p>7. What is a Convention and How is it made to come into force.</p> <p>8. Medical First Aid Guide and how to use</p> <p>9. Accommodation cabin Fire what extinguisher will you use and why and how you will go about to fight fire in chronological order.(Say Do not Enter Cabin immediately he will confuse you that why don't you enter and and fight the fire all by yourself)</p> <p>10. All Special Areas he will wait till you name them all he wants all</p> <p>11. SECA and ECA difference.</p> | F3 |

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|           |             | <p>12. Damaged &amp; Intact Stability Criteria Cargo of ships draw and show all points K B G M where they will be.</p> <p>13. FWD Draft- 5m, Mid draft-5.3m, Aft Draft-6m, Is it hog or sag? sag and why does it happen.</p>  |    |
| SAGAR     | 19-FEB-24   | <p>1) he asked fire fighting requirements on bulk carrier FFA on tankers</p> <p>2) how is bulk carrier different from oil tanker</p> <p>Here most of people will say it carries oil cargo it carries bulk since one surveyor has already asked me during my onboard training I remembered it I said sir on bulk carrier loading is done on ullage and on oil tanker it's done as per ullage he smiled and said very good</p> <p>3) he said how to use a foam applicator? Since I haven't used it I was not able to answer this</p> <p>4) hru in detail what mechanism it have</p> <p>5) how does hru work what does it cuts</p> <p>6) what is the role of weak link</p> <p>7) what is the frequency of checks in immersion suit and procedure</p> <p>8) duties of 3/0 as per ism</p> <p>9) prepare your vsl for seq survey</p> <p>10) what all emergency preparedness u will do if you are going to rescue a person who has fallen overboard- I said warm food clothing medicines immersion suit he said ok</p> <p>11) check to be carried out on fire extinguishers</p> <p>12) rescue boat lowering ? I said more than 36m/s he said are u sure then said nothing</p> <p>13) what all u will do before taking over a cargo watch</p> <p>14) how to use trimming table I said I don't know</p> <p>15) can u discharge oil cargo without ig yes we can but we should have some other means to keep the flammable limit under control</p> <p>16) what all checks u will do in loading reefer and ig</p> | F3 |
| SANTOSH   | 26-APRIL-21 | <p>What is Marpol? What is SMPEP? Annex 6 discharge criteria</p> <p>Annex 4 discharge criteria. What is sewage treatment plan?</p> <p>Special area for annex 6. What is SOX, NOX.?</p> <p>Rescue boat maintenance. Pyro technique only name.</p> <p>Sketch aft peak sprinkler system. What is enclosed space?</p> <p>Procedure for entering enclosed space. Difference between SCBA and EEED.</p> <p>LSA code. Solas training manual.</p> <p>Types of fire pump. I answered positive displacement pump ( centrifugal pump), non-positive displacement, pump(gear pump).</p> <p>What are all fire extinguisher u have on board.</p> <p>Types of foam. Composition of DCP.</p> <p>How to take radio medical advice? IMO convention name.</p> <p>What is DPA, CSO. Recovery of lifeboat in heavy weather.</p> <p>MCTC formula. TPC formula. Life buoy characteristics.</p>   | F3 |
| SANTOSH   | 13-NOV-19   | <p>MLC , ISM who made it ,</p> <p>TPA and immersion suit ,</p> <p>medical assistance using immarsat ,</p> <p>pyrotechnics requirements on LSA and bridge</p>  | F3 |
| SARABJEET | 12-APRIL-22 | <p>Pollution prevention other than Marpol</p> <p>BWM seemep etc.</p> <p>All Marpol annex one by one</p> <p>Open question to tell everything about each annex one by one</p> <p>Some question regarding the annexes</p> <p>IOPP certificate issued by whom and validity</p> <p>IBC code. IMDG code. Special area and PSSA .</p> <p>Equipment Marpol and requirement</p>  | F3 |



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| SARABJIT | 7-JUNE-22   | Lifeboat requirements. Liferaft requirements. Some questions about solas.<br>How will you carry Isa ffa maintenance. Weekly checks , monthly , 6 monthly...<br>What is SF / BM? Ships stresses. Rescue boat requirements.<br>Emergency fire pump requirements. Marpol from annex 1-6 name of annex , applicable to which ship , certificate under that annex , discharge criteria, special areas and equipment's under that annex if any.<br>Anexx 6 - tier 3 engines emission requirements and latest sox emission outside eca?<br>What is loadicator , can we use the software in any computer?<br>What is seaworthiness? Intact stability? Mlc objectives ? Isps requirements how will you keep security watch? Tell any one ballast exchange method | F3 |
| SARIN    | 24-FEB-23   | FAL Convention. Loadline Convention.<br>What checks are done in a Loadline Survey?<br>Strengthening members of Forepeak tank. Stealer plate.<br>What are MS Notices? What are M notices?<br>Onload release mechanism of lifeboats. Static and Dynamic tests of lifeboat?<br>Frequency of changing the lifeboat falls? Where is this mentioned?<br>Name SOLAS Chapter XI, What are the equipments under it?<br>What is block coefficient? For what is it used?   | F3 |
| SARIN    | 21-FEB-23   | 1. latest amendments to annex 1/6<br>2. Certificates under marpol<br>3. Docs under Marpol<br>4. Define Garbage  | F3 |
| SARIN    | 13-APRIL-22 | Amendments to Annex 2, Annex 5, Annex 6<br>How to lower liferaft again created lots of confusion?<br>Foam sampling frequency.<br>Spare quantity of Foam.<br>High expansion low expansion foam where to use?<br>Hypermist system. ORB 1 & 2 entries. GMP.<br>You have cleaned tank with rags how will you disposed and entry.<br>Annex 2 amendment IBC chapter 17& 18 names.   | F3 |
| SB KUMAR | 14-SEPT-23  | Annex 1<br>Discharge criteria for annex 1<br>Annex 5 latest amendment<br>MLC 2006 latest amendment<br>Deck line<br>Lifeboat and rescue boat related questions   | F3 |
| SHARDA   | 21-FEB-24   | What is air pollutant? What is VOC? VOC management plan.<br>What is supplement for IOPPC? What is in form B ky?<br>ky hota hai form B mai.<br>Content of LSA, COSWP, STCW, IMGS. IMGS chapter 1.<br>BMW under which convention.<br>STCW full form parts of stcw what is code A?<br>Sea anchor use. Sopep content.<br>What is damage stability criteria?<br>What us trimming table? Trimming table use?<br>What is Hydrostatic? what is cof?   | F3 |
| SHARDA   | 24-JAN-24   | 1. How many chapters are in Fss code and Isa code?<br>2. Imgs chapter 1 name<br>3. lopp certificate suppliments<br>4. What is Air pollutants in annex 6?<br>5.voc management plan details?  | F3 |
| SHARDA   | 24-JAN-24   | 1lopp supplements<br>2Imgs 10 chapters<br>3Air pollutants in Annex 6<br>4voc management and all its details<br>Fss code contents  | F3 |

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|--------|-----------|--|----|
|        |           | <p>LSA code contents</p> <p>7 fire drill which all equipments will check</p> <p>8 all portable extinguisher in details</p> <p>9 damage stab booklet</p> <p>10 isgott in details</p> <p>11 green house gases and there concentration</p> <p>Inert gas concentration</p> <p>Any 2 Solas convention</p> <p>15 all annexes discharge criteria and certificates and validity</p> <p>16 Hongkong convention</p> <p>17 seemp parts ( 3 parts )</p> <p>18 iopp supplements - form A&amp;B and in detail A&amp;B</p> <p>19 indsar inspire</p> <p>20 kuch merchant shipping for India krke bola and applicable for which ships</p> <p>21 ism and isps detail</p> <p>22 Solas ammendments and contents</p> <p>23 concentration in all portable extinguishers</p> <p>24 vecs in detail</p> <p>He was mixing both function questions</p> <p>25 ILL - subdivision and multiple loadline</p> <p>26 what is carbon monoxide</p> <p>27 hydrostatic draft</p> <p>28 angle of loll and correction</p> <p>29 COF</p> <p>30 what is the main thing u will monitor , when ur docking the ship</p> <p>31 Stcw</p> <p>32 control sox in SECA</p>   |    |
| SHARDA | 27-OCT-22 | <p>What is VOC?</p> <p>What is VOC management plan?</p> <p>full name of Solas( international convention of safety of life at sea)</p> <p>How many chapters in Solas and name of chapter 5</p> <p>How many chapters is stcw code and name of chapter 8 and also full form of stcw</p> <p>Indian merchant shipping act</p> <p>How many chapters in lsa code</p> <p>Code for the safe working practices</p> <p>Fire wallet and it's contents</p> <p>Requirements of rescue boat</p>   | F3 |
| SHARDA | 25-OCT-22 | <p>1. When do you discard a Lifebuoy? (Visually inspect for any cracks and other inspection required by LSA code)</p> <p>2. LSA Code and it's Chapters only how many?</p> <p>3. What is chapter 7 and it's contents? (I could only remember LTA and i said to him sir there is one more but I can't recall)</p> <p>4. FSS Code only how many?</p> <p>5. Marpol Annex 6 pollutants?</p> <p>6. What are Oxygen depleting Substances? (Again I started giving him regulations and he said only tell me what is it? Told CFC and HCFC only no examples)</p> <p>7. How do you control NOx emissions? (Couldn't answer)</p> <p>8. How do you control SOx emissions (low sulphur fuel etc)</p> <p>9. How do you know it's a low sulphur fuel? (BDN)</p> <p>10. EEDI Full form only</p> <p>11. SOPEP Locker content</p> <p>12. Trim table content (not so accurate answer)</p> <p>13. IOPP Supplements (I started giving IOPP contents he repeated his question again and I gave FORM A &amp; B defn followed by Record of equipment to be carried by Annex 1 complying vessels!)</p> <p>14. Name any 2 Convention</p> <p>15. What is STCW Full form?</p> <p>16. Chapter 5 Name?</p> | F3 |

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|--------|-----------|--|----|
|        |           | <p>17. What do you mean by special type of vessel (he was insisting me to say any specific type like is it Bulk carrier, container...? I didn't said anything and told idk sir Ive not read that chapter in detail)</p> <p>18. Unstable equilibrium and how does a vessel react when unstable? (Incomplete answer given)</p> <p>19. Types of Lifeboat on your container vessel?</p> <p>20. What is the frequency for launching? I said both LB requirement and Abandonship drill requirement (the calm down question) 🤖</p> <p>21. SOLAS Pack A &amp; B difference?</p> <p>22. IMGS? Did you saw it on your vessel? 🤖 (I said the bitter truth - No. He said very well and you've passed your MFA)</p> <p>23. What is medicine chest?, Medicine scale?</p>   |    |
| SHARDA | 18-OCT-22 | <p>Marpol annexs. IOPP supplements. Garbage record book entry.</p> <p>Nox tiers. Nox tech file. Voc. Ods.</p> <p>Seca areas. LSA chapters. COF COB COG.</p> <p>Hydrostatic draft.</p> <p>Shear strake. Bilge keel. Gz curve KN curve.</p> <p>Angle of loll and correction. Equilibriums.</p> <p>Beams girder frames longitudinals. Lifeboat requirement.</p> <p>Lifebuoy specification SI light specifications. TPA temp range</p>   | F3 |
| SHARDA | 22-AUG-22 | <ol style="list-style-type: none"> <li>1. Seaworthiness</li> <li>2. Angle of loll</li> <li>3. three equilibriums</li> <li>4. FSE</li> <li>5. Emergency fire pump requirements</li> <li>6. Marpol full annex</li> <li>7. Amendment in annex 6</li> <li>8. Solas amendment</li> <li>9. FFA code</li> <li>10. LSA codes</li> <li>11. Lifeboat requirements</li> <li>12. Sopep equipment</li> <li>13. Pyrotechnics fully</li> <li>14. Free fall launch</li> <li>15. How u will do manual launch of life raft</li> <li>16. Some certificates</li> <li>17. Water tight doors and weather tight</li> <li>18. As third officer how u will perform maintenance in LSA FFA</li> </ol>  | F3 |
| SHARDA | 12-AUG-22 | <p>LSA code chapters, COSWP issued by whom</p> <p>Air polluting substances. Ozone depleting substances.</p> <p>IOPP Certificates contents. Solas chapter.</p> <p>STCW chapter. Angle of loll.</p> <p>DCP maintenance. Greenhouse gases.</p> <p>What is Shell expansion plan? Damage control plan.</p> <p>Fire control plan. How to test tightness of weather tight door?</p> <p>Bunker spill action. What is ballast water management and methods?</p> <p>Contents of Trimming booklet.</p> <p>Hydrostatic draft. IMGS issued by whom? IMGS contents.</p> <p>Who issue medical chest certificate?</p> <p>Medical scale. CPR. IMO conventions.</p>  | F3 |
| SHARMA | 21-NOV-23 | <p>Strongest plate on ship(keel plate). 2<sup>nd</sup> strongest plate on vessel( wanted to hear sheer strake). what stress affects ship beam on when rolling( racking)?</p> <p>what is shell expansion plan? how do you number frames?</p> <p>use of shell expansion plan? factors affecting FSE? how do you reduce it?</p> <p>grain cargo and how shifting affects COG? difference between heel and list?</p> <p>What is heeling moment in grain cargo? suitable compartments?</p> <p>self trimming hatches? Maintenance and care of liferaft?</p> <p>how do you test HRU onboard?(was a trick que i suppose - i was not aware so i said sir idk, later he told me to be more confident even though i was correct).</p> <p>types of portable extinguishers. extinguisher maintenance DCP type.</p> | F3 |

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|----------|------------|--|----|
|          |            | <p>how is it propelled out. weight of cartridge and how will you know the weight of the cartridge( i said its marked on the cartridge). how many spare extinguishers required onboard? SCBA spare bottles?? how many required?</p> <p>any regulation for carriage of air compressors onboard?</p> <p>how will you provide SCBA immediately to firefighter it will have hot air inside?(i said put it in cold water while charging will prevent heating).</p> <p>SOPEP and SMPEP. If engineer calls and asks if he can discharge bilge water what will you check, en route? discharge from machinery space criteria?</p> <p>discharge from cargo spaces criteria? Instantaneous discharge?</p> <p>ODME? what if GPS feed to ODME fails?</p>   |    |
| SHARMA   | 6-SEPT-22  | <ol style="list-style-type: none"> <li>1. Document of ISPS code?</li> <li>2. CSR?</li> <li>3. Annex 6 certificate?</li> <li>4. SOx requirement?</li> <li>5. Work and rest hours as per MLC?</li> <li>6. DOC, certificate of MLC &amp; who issue it?</li> <li>7. Numbering of frames?</li> <li>8. Hydrostatic draft?</li> <li>9. Reserve buoyancy?</li> <li>10. SEEMP &amp; it's purpose?</li> <li>11. Entries of oil record book- part 2?</li> <li>13. Life raft servicing frequency?</li> <li>14. Lifeboat weekly inspection?</li> <li>15. Frequency of lowering and manoeuvring of lifeboat?</li> <li>16. Onload release system?</li> <li>17. MFAG? when to use it?</li> <li>18. Name 5 IMO convention?</li> <li>19. FAL convention?</li> <li>20. Difference between M and MS notices?</li> </ol>  | F3 |
| SHASHI   | 9-APRIL-21 | <p>Extinguisher hydrostatic test, Fixed CO2 hydrostatic test, Weight of bottle</p> <p>Relief valve, Life boat static dynamic test, On load off load release</p> <p>In on load why we release at some height, Lowering frequency of life boat and rescue boat, Difference between l/b rescue boat.</p> <p>Camber, Fore peak construction, Margin line, Rake,</p> <p>Something like shore or something in construction,</p> <p>Marpol annex 6 criteria, Annex 6 amendment,</p> <p>Amendment in tier 3 engine, Annex 5 amendment,</p> <p>U r at bravo Anchorage what kind of garbage u can discharge,</p> <p>Mlc amendment and many more.</p>   | F3 |
| SIKARWAR | 3-FEB-24   | <p>Abandonship drill &amp; frequency</p> <p>From where to get details regarding frequency of drills?</p> <p>Solas contents &amp; details in Chp 5?</p> <p>Rest hours as per STCW?</p> <p>COC &amp; certificates issued as per which chp of STCW?</p>   | F3 |
| SINHA    | 23-AUG-22  | <p>Reserve Buoyancy (cross question why it is important and what will happen if it is reduced , why It can reduce?)</p> <p>Convention related pollution? (Marpol)</p> <p>Particulate matter all 6 names (give hint of annex 6).</p> <p>SOX ECA criteria.</p> <p>Then come on stability (angle of loll and corrective action) and bit of cross question.</p> <p>FSS code (action in case of engine room fire in 4 steps in priority order --Ans –</p> <ol style="list-style-type: none"> <li>1.ventilation shut off.</li> <li>2.engine power shut and oil shut off</li> <li>3. Muster (head count)</li> <li>4. Release fixed co2 (procedure pucha phir) release requirements.</li> </ol> <p>LSA m (lifebuoy / liferaft (hru breaking strength)</p> <p>Last m bilge discharge from engine room criteria and regulation (reg 15 annex 1)</p> <p>Cross question do you discharge in antarctic area (no) and what about in arctic area (no)</p> | F3 |

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|-------------|-----------|---|----|
| SK DAS      | 16-NOV-23 | Summer dwt. Sheer strake.<br>How to find tpc ,gm.<br>Life buoy req.. No of SI light req..<br>Scba req.. Portable fire extinguisher req.   | F3 |
| SK KUMAR    | 4-JAN-24  | 1. Amendment of BSC AND BCH<br>( I repeated sir BSC?<br>said yes, I told him did not hear about this)<br>2. Amendments related to MLC contract of employment (don't know sir)<br>Have you not prepared func 3, sir I am weak in amendments. Ohk.<br>3. Weather tight and water tight difference<br>4. Annex 5 amendments ( again don't know sir)<br>5. Annex 1 discharge criteria   | F3 |
| SOOD        | 3-FEB-24  | Cargo record book. SMPEP.<br>Annex 1 discharge criteria (both Cargo & Machinery Spaces).<br>SEEMP. Ways to implement energy efficiency in respect to navigation?<br>ISSC (Cross-questioned about validity, all surveys etc).<br>For which certificate no annual survey required?<br>Rest hours as per MLC. At port, vessel heeled suddenly, reason?<br>Angle of loll corrective actions? Safety equipment certificate, what all is checked?<br>Enclosed Space Entry Checks? Max H2S & HC level allowed?<br>Shell expansion plan & uses? | F3 |
| SRIVASTAVA  | 22-OCT-22 | Garboard strake. Shear strake.<br>Intact stability criteria all. Rescue boat all.<br>Seawage Disch. Criteria.<br>Medicine order on board. Medical certificate.<br>Severe headache to crew which medicine u will give<br>List of medicine under captain  | F3 |
| SRIVASTAVA  | 6-SEPT-19 | Weak link and hru diagram<br>SOx discharge criteria inside and outside SECA area<br>Why sulphur emission and other gases are not released into the atmosphere<br>Why annex 6 came into force<br>What is acid rain<br>What do you know about ISM<br>Have you read SMS manual<br>What is inside SMS manual<br>Yearly maintenance of LSA and FFA<br>What all fire fighting equipment were on your last ship<br>How will you carryout FFA maintenance and few more easy questions   | F3 |
| SRIVASTAVA  | 4-SEPT-19 | Angle of lol<br>Lsa ffa plan<br>Ffa maintenance<br>Immersion suit req<br>FSC  | F3 |
| SUBRAMANIAM | 18-MAY-22 | Marpol Annex 1 cargo space discharge criteria<br>Marpol annex 2 Cat Y substance discharge criteria<br>ODMCS, working principle s per which annex how it functions, Alarms and input<br>Difference between SOPEP and SMPEP<br>Do a oil/chemical Tanker will carry SOPEP or SMPEP<br>Equipments of SMPEP<br>SCBA requirements<br>Do suits used on chemical Tanker can be used for fire fighting<br>Quarter mean draft<br>Polar code<br>Hydrostatic draft  | F3 |



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|          |           | <p>Righting lever<br/>Lifeboat launching interval<br/>What is simulation launching<br/>Process of simulation launching</p>  |    |
| SUNDARAM | 14-JAN-20 | <p>1. class 4 of imdg?<br/>2. Bale &amp; grain capacity?<br/>3. Total solas chapters?<br/>4. What is mctc?<br/>5. What is cof?<br/>6. Which plate is below the sounding pipe?<br/>7. What are lightning holes?<br/>8. Speciality about Neil Robertson stretcher?<br/>9. Grain hazard?<br/>10. What is marpol anex 4?</p>  | F3 |
| SUNDARAM | 9-OCT-19  | <p>MCTC, TPC, LCF, COF, COB, RESERVE BUOYANCY, ISM,<br/>IN WHICH CHAPTER OF SOLAS, HOW U WILL GIVE CPR.<br/>AFTER DIS I TOLD HIM, 3-4 WRONG ANSWER, PANTING POUNDING<br/>ITS STRENGTHING MEMBERS -<br/>2 - ON LOAD / OFF LOAD<br/>3- LIFEBOAT , RESCUEBOAT DIFFERENCE.<br/>4- HRU FULL EXPLANATION<br/>5 - WHY NEIL ROBERTSON STRETCHER IS BETTER THEN OTHERS<br/>6 - What DUTIES/ STED MASTER CAN ROLLOVER/.Allowed UNDER ISM.<br/>7- COLOUR OF CANOPY N WHY / water finished in life boat what will you do.<br/>8 - SF BM UNIT<br/>9 - SITUATIONS RELATED TO STABILITY USING BOX SHAPED VESSEL AND OUR<br/>VESSEL GOING FROM HIGHER DESITY TO LOWER DENSITY<br/>WHAT WILL CHANGE ONLY ANSWER YES / NO<br/>DRAFT<br/>DISPLACEMENT<br/>G<br/>M<br/>LCF( HE SAID THINK ONCE THEN I GAVE RIGHT ANSWER)<br/>TPC<br/>MCTC<br/>10 - TPA REQUIREMENT ON SHIP( WRONG)<br/>FINALLY HE SAID YOU R GOOD IN 2 OK IN 3<br/>WHICH ONE U NEED TELL I WILL GIVE ONE!<br/>I SAID BOTH SIR<br/>LAST QUESTION<br/>WHAT IS DEADWIEGHT CARGO AND VOLUMETRIC CARGO!<br/>TELL ME COTTON what it is.</p> | F3 |
| SURENDAR | 4-JAN-21  | <p>Name of annexes, GRB entries, annex 5, annex 6,<br/>name of future annexes that will come to force (don't know) while loading angle of loll,<br/>actions?<br/>Suddenly after angle of loll, fire in galley, actions (in both cases i said stop cargo operations,<br/>he was not happy).Master &amp; CO collapsed in pumproom.<br/>How will you seek medical advice on radio ( i think he asked me procedure, I answered by<br/>mail satc, not satisfied by answer).<br/>Definition of convention(not satisfied), IEEC contents (what is written on it), hog sag, stable<br/>equilibrium, you are going to dry dock. What stuff will you say to CO to bring his attention (I<br/>said all the stuff in PMS,he was not satisfied), FAL, immersion suit maintenance.....</p>  | F3 |

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| SURINDER | 5-FEB-21  | Free fall life raft ship length more than 100m requirements for life raft, Classes of fire, fire in galley action, hyper mist system, shell expansion plan, vsl aground action (wants in chronological order), contents of ISM, content of MLC, annex 5 special area.   | F3 |
| TAPAN    | 20-OCT-23 | 1. Launching of Lifeboat in Heavy weather<br>2. Reserve Buoyancy<br>3. Fire in Cabin take action<br>4. Stowage requirements of Liferaft<br>5. Abandon ship drill frequency<br>6. Shear Strake<br>7. During Lifeboat drill ur duties as a officer  | F3 |
| TAPAN    | 21-AUG-23 | 1) What is reserve buoyancy<br>2) what is fsc correction<br>3) what is hru<br>4) load displacement<br>5) what is centre of flotation<br>6) ms notice<br>7) contain of marpol<br>8) annex 4 certificate<br>9) marpol 1 discharge criteria<br>10) odme<br>11) what is load line   | F3 |
| TAPAN    | 25-OCT-22 | Box shaped vls, draft 10m, TPC 30, if same vsl at draft 5m, what will be the TPC. (It will remain same).<br>A vsl loading heavy lift, lifts off the weight from the jetty, and it stopped working and weight is hanging over the jetty, what all things will change. (I could only say KG and list, if there is anything else do let me know). Hogging and sagging diff.<br>Lowering procedures for davit launch LB in heavy weather (forgot to say remove drain plug, he was pissed). What action will u take if u see smoke coming out of ur cabin when u come down from bright after watch at night. (Idk why he asked func 1 Q in func 3).<br>Cargo residues discharge criteria on tankers. | F3 |
| TAPESH   | 23-FEB-24 | 1. Sopep contents<br>2. SEQ cert Contents<br>3. Enclosed space entry procedure<br>4. Gas reading value prior entering enclosed space<br>5. crane static test<br>6. food waste discharge criteria<br>7. Special areas<br>8. What do you mean by comminuted<br>9. Fixed foam requirements<br>10. Annex 1  | F3 |
| TAPESH   | 23-AUG-23 | CII in latest marpol 6 ammendment.<br>Form a b of iopp.<br>Dmlc part 1 2.<br>Free fall rescueboat details.<br>Lb radio battery type.<br>Sart working and distance to x band radar activation.<br>How to test EPIRB?.  | F3 |
| TAPESH   | 9-DEC-22  | 1. Fixed firefighting system on your last vessel engine room?<br>2. Classes of fire.<br>3. MARPOL full form and contents?<br>4. ISPS full form and drill frequency<br>5. ISPS certificate<br>6. Categories of Garbage<br>7. Garbage record book entries<br>8. Life boat PMS?<br>9. Life boat drill requirements?  | F3 |

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|        |             | <p>10. What all things are there in fire protected lifeboat?</p> <p>11. Life boat self-contained air support system requirements?</p> <p>12. Working of hypermist in engine room?</p> <p>13. Solas and its content?</p> <p>14. What is P &amp; A manual and which MARPOL annex it applies?</p> <p>15. Sea worthiness of a vessel?</p>   |    |
| TAPESH | 8-APRIL-22  | <p>How many annex in Marpol,</p> <p>as per Marpol what is the quantity of SOX allowed to be emitted,</p> <p>Annex 4 and annex 5 discharge criteria,</p> <p>SOPEP contents,</p> <p>Unstable equilibrium,</p> <p>What will happen if vessel heels more in unstable equilibrium,</p> <p>Angle of lol correction,</p> <p>Stealer plate, striker plate, stringer strake, COB, COG, COF,</p> <p>where is COF located (fore and aft centerline of ship),</p> <p>What is the use of COF, Loadicator, fire wallet,</p> <p>Fixed firefighting system on board your ship,</p> <p>what type of sensor used in cargo hold for fire detection,</p> <p>Working of smoke detector,</p> <p>Locations of water ingress alarm sensors in cargo hold,</p> <p>Working of fixed co2 system, where is weak link connected to and purpose of weak link.</p> | F3 |
| TAPESH | 2-DEC-21    | <p>What is psc , major detainable deficiencies .</p> <p>INDSAR , who is responsible.</p> <p>Search patterns.</p> <p>Seaworthiness, what all criteria.</p> <p>Rightning lever,</p> <p>DWA , ballasr water exchange type with explanation.</p>  | F3 |
| THAKUR | 5-NOV-19    | <p>Marpol annexes</p> <p>Ballast water management</p> <p>Marpol anx1 disch criteria</p> <p>MLC contents</p> <p>Stcw contents and amendments</p> <p>Intact stability criteria of last vsI</p>  | F3 |
| TOPNOV | 4-OCT-21    | <p>Marpol certificates</p> <p>Carriage requirement of all annex</p> <p>Spl areas</p> <p>Lifeboat maintenance ( almost everything he asked lowering speed and other things)</p> <p>TPA immersion suit difference</p> <p>Solas pack A and B difference</p> <p>Basic definitions of stability (too many tho)</p>   | F3 |
| TOPNOV | 13-APRIL-21 | <p>Vsl at port ship lol take action what is angle of lol in detail.</p> <p>Going to drydock as a 2nd and 3rd officer what will you send to shore for maintenance.</p> <p>You are 2nd off u joined a new ship how will you order medicines and about controlled drugs</p> <p>Immersion suit carriage reqmnts.</p> <p>Where do you get this information?</p> <p>Damage stability and intact stability.</p> <p>Contents of damage stability booklet.</p> <p>Proposed annexes of Marpol.</p> <p>What is marpol and annexes and discharge criteria of annex 1.</p> <p>Special areas of annex 5.</p> <p>Who approves ODMCS?</p> <p>Can you incinerate plastic and what are the requirements for incinerator and who approves it for use?</p>  | F3 |

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| UNKNOWN | 23-MAY-23  | <ol style="list-style-type: none"> <li>1. Annex 2 Discharge Criteria</li> <li>2. SMPEP</li> <li>3. Annex 5 Amendment</li> <li>4. Content of Emergency Fire control Station</li> <li>5. You are in Bridge Fire in Galley Action ?</li> <li>6. How will you take over incharge of life boat</li> <li>7. You are in charge of life boat what is your action</li> <li>8. What is arrangements for tackle panting stress</li> <li>9. Weak Link HRU</li> <li>10. SOLAS Pack A And B</li> <li>11. RSO</li> <li>12. ISPS</li> <li>13. ISM Objectives</li> <li>14. GZ curve</li> <li>15. what is requirements of life boat Engine</li> <li>16. Food and ration Expiry?</li> <li>17. FPD ,On load</li> <li>18. How much requirement for life boat on load release system</li> <li>19. you are third mate how will you familiarized new joiners</li> <li>20. SOLAS training manual content</li> </ol> | F3 |
| UNKNOWN | 4-JAN-24   | <ul style="list-style-type: none"> <li>-EEDI</li> <li>-DMLC,part 1,2</li> <li>-free fall L/B requirements</li> <li>- as per what annexe (smpep,)</li> <li>-Solas packet A,B</li> <li>- high,low expansion foam</li> <li>- tumblehome, camber, shear stake</li> <li>-Wall side formula</li> <li>-latest ammenment of garbage record book</li> <li>-marine evacuation system</li> <li>-scba checks</li> <li>- how will you order medicine on new ship</li> <li>-marpol annex 2,6</li> <li>- D1,D2 in BWM</li> <li>- Requirements for D2</li> </ul>   | F3 |
| UNKNOWN | 25-OCT-23  | <p>Full annex 1<br/>Special area and PSSA<br/>STATUTORY CERTIFICATES<br/>STABILITY DEFINITIONS<br/>ANGLE OF LOLL</p>   | F3 |
| UNKNOWN | 14-JULY-23 | <p>Vessel sailed, SOPEP and Its content, ISGOTT and its new amendment,<br/>Oil record book, D1 and D2 standard, Form A and Form B,<br/>Annex 2 discharge criteria, Angle of lol, Cof , COB ,<br/>Strake, Fire plan use and its content , gangway box in addition to fire plan what are all other docs, Lifeboat as a rescue boat and its requirements.</p>   | F3 |
| UNKNOWN | 23-MAY-23  | <ol style="list-style-type: none"> <li>1. Content of ISM Code</li> <li>2. Ill Code</li> <li>3. Non confirmity Definition as per ISM</li> <li>4. Tell me your last ship SMS contents</li> <li>5. Difference between Survey Audit and Inspection</li> </ol>  | F3 |

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|---------|-----------|---|----|
| UNKNOWN | 16-MAY-23 | 1.Intact Stability For Gas tanker<br>2.GM<br>3.Angle of Loll<br>4.Angle of Loll Situation... Heeled on Stbd side Take Action<br>5.Trim Table<br>6.COB , COF<br>7.Sheer strake , Bilge Keel<br>8. Name 8 IMO conventions<br>9.Marpol Annex 6 in Detail ( he wanted to hear about all Effluents sox nox voc & latest ammendments CII and EEXI)  | F3 |
| UNKNOWN | 22-MAR-23 | How to do weather tight test ,<br>How will you know by house test, that hatch is weather tight .<br>Captivity of liferaft ,<br>If you have 30 persons on board ,<br>How will you distribute in liferaft ,<br>How many liferaft on board ship .<br>Marpol , annex 1 discharge criteria .   | F3 |
| UNKNOWN | 20-FEB-23 | 1) Garrard strake, sheer strake, freeboard def.<br>2) Deck line and margin line<br>3) Transverse and longitudinal framing numbering of it<br>4) Immersion suit<br>5) What is role of weak link in life raft<br>6) Why there were 2 life raft onbaord forward and aft<br>7) Name 5 convention  | F3 |
| UNKNOWN | 24-NOV-22 | 41. Marpol objective, annex<br>42. Solas chapters<br>43. Angle of lol,metacentric height<br>44. TPC, MCTC, formulas<br>45. Life raft requirements ,service period, how to lash<br>46. HRU<br>47. Classes of fire<br>48. Extinguishers used in various classes of fires<br>49. CLC<br>50. BWM objective, both standards<br>51. SEEMP, upcoming amendment in marpol<br>52. MLC contents<br>53. MLC certificates on MLC certificates on board<br>54. ISM certificates<br>55. Annex 1 discharge criteria outside area<br>56. PSC regulation 17 and 30<br>57. Contents of stability booklets | F3 |
| UNKNOWN | 21-OCT-22 | Discharge creteria for annex 1 and annex 2<br>What r the certificates under ISPS and MLC?<br>What is weak link in liferaft?<br>Why HRU is in liferaft?<br>Maintenance of liferaft? I said annual service ashore.  | F3 |
| UNKNOWN | 4-AUG-22  | What is specification of rescue boat?<br>How u lower ur life boat on ur ship?<br>What is solas pack B and Pack A?<br>If fire in galley what u vl do??<br>What all thngs in galley to extinguish fire?<br>How to use blanket to extinguish fire?   | F3 |



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| UNKNOWN     | 4-AUG-22   | What are duties of 3rd officer as per ISM?<br>Marpol certificates. Annex 2 discharge criteria.<br>At night you have found fire inside galley action?<br>How will you rescue a person from pumproom? How will you repair leaking hydrant?<br>Types of fire hydrant. Types of coupling.<br>How will you change the cartridge of portable co2 extinguisher?<br>There are 3 holes on the top of extinguisher what is it for?<br>How will you test Epirb? Types of battery of portable vhf and there validity.<br>How SART works? What is homing signal? | F3 |
| UNKNOWN     | 6-JULY-22  | 1) Freeboard, Statutory freeboard<br>2) immersion Suit Regulations<br>3) TPA & Immersion Suit Difference.<br>4) Form E in detail<br>5) Pyrotechnic<br>6) TPA Requirements   | F3 |
| UPPAL       | 2-JAN-24   | Objective of week link<br>Pyrotechnics in Lifeboat<br>Rocket parachute specification,   | F3 |
| UPPAL       | 7-AUG-21   | 1) MARPOL – All Annexes – especially VI, V & II<br>2) ISM Code – Chapters & Certification.<br>3) Sheer strake, garboard strake, stringer, longitudinal framing, transverse framing. Which framing used onboard ships for cons.?<br>4) No. of & W/T division required as per SOLAS?<br>5) IMO & its bodies & function.<br>6) HRU & weak link.<br>7) SCBA checks.   | F3 |
| VENKATSWARA | 13-MAY-22  | lifeboat checks. Fire in galley actions. Inspections on lifeboats.<br>Carriage requirements. Rescue boat requirements.<br>MLC, DMLC. ISM code. Which all manual of SMS on board is used by 2 officers.<br>Machinery discharge criteria Annex 1. EEBD & SCBA and endurance of both.<br>So many questions in construction, Some more can't remember tricky ones.<br>Here he was very happy with my ans in construction part.  | F3 |
| VERMA       | 12-OCT-21  | Diff be watertight and weathertight. Lifeboat , rescueboat lowering procedure and how often we lower. Diff bw stiff an tender. Hydrostatic draft, Centre of floatation, MCTC, FWA, DWA definitions. ISPS documents. MLC documents. Fixed firefighting system on oil tanker.<br>Low expansion foam requirements. Solas chapters. ISPS comes under which Solas chapter<br>Code 17 of PSC deficiency. SOPEP and SMPEP. Immersion suit maintenance.   | F3 |
| VERMA       | 6-APRIL-21 | A 60 door. ISM code contents. MLC 2006 rest hours and certificates.<br>Watertight / weather tight. Marpol annex 1 requirement.<br>Annex 2 requirements. Angle of loll.  | F3 |
| VERMA       | 7-SEPT-20  | SOX discharge criteria. Annex5 discharge criteria and special areas.<br>What all new annexes going to implement in future? Galley fire he asked 2 times.<br>What is MSDS in detail? MFAG and how will you use it for injured person onboard?<br>Who is medical officer on ship? Vessel going dry dock what will be the duty of 3/o & 2/o prior drydock. SOPEP in detail. He gave me draft 5m ---- 5.3m ---- 6m vsl hog or sag.<br>Hog sag. How to upright liferaft?   | F3 |

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| VIBHUTI | 9-FEB-24  | <p>Marpol ODMCS req and.... Filling input and outputs get</p> <p>2MFG 5 conventions in Syllabus</p> <p>Fire in forward store</p> <p>Life boat – launching</p> <p>Load line survey Inspections</p> <p>HRU, Weak link And Scharnow slip In full details where to connect and why</p>   | F3 |
| VIBHUTI | 5-FEB-24  | <p>1-odmc working and it's requirement</p> <p>2-you are departed from 3 NM away from Port,call from engine room that bilge full and we want to discharge,what is your action</p> <p>3- machinery space oily mixture discharge requirements and according to which regulations</p> <p>4-sopep and it's content</p> <p>5-fire main attachment except fire hydrant,hose,and Nozzle</p> <p>6-explain IG system</p> <p>7-deck seal requirements and it's use</p> <p>8-life jacket requirements</p> <p>9-life boat requirements</p> <p>10-how you lower life boat</p> <p>11 forward life requirements and why it's given</p> <p>12- why hru not fitted there</p> <p>13-vessel on port you are in forward and seen smoke coming from forepeak store action</p> <p>14-what is angle of lol</p>   | F3 |
| VIBHUTI | 3-OCT-23  | <p>1.What is HRU</p> <p>2. If your vessel has capsized , the depth of the water in which the vessel hai capsized is 5m . Will you life raft inflate? What will happen</p> <p>3. 5 statutory certificate</p> <p>4. Can you discharge food waste at 3nm from nearest land in Mediterranean sea</p> <p>5.Can you discharge oil from machinery space at 3nm from nearest land in Mediterranean sea</p> <p>5. How will you recharge water type extinguisher</p> <p>6. How will you use water type extinguisher</p> <p>7. You see fire in hotplate in galley , what action will you take</p>   | F3 |
| VIBHUTI | 18-NOV-22 | <p>Mushroom vent maintenance</p> <p>U r in red sea 3nm from port of jeddah chief cook ask permission to throw residue from galley. What you will say</p> <p>Lowering of stbd side lifeboat</p> <p>Form E</p> <p>3nm from red sea bilge water discharge criteria</p> <p>Tricing pendant and bowsing tackle purpose</p> <p>Equipments of life boat</p> <p>What you will check as per form E in lifeboat?</p> <p>ISPS level 2 definition as per Solas.</p>  | F3 |
| VIBHUTI | 10-MAR-22 | <p>1.You're Bunkering in port via a barge alongside half of your crew is on shore leave including master so there are about 12 persons on board, so when you open the engine room door you see a thick black smoke coming out. Action.</p> <p>(I proceeded with raise alarm, muster, head count so that we can find if anyone is stuck down there and then he said Duty engineer and oiler. So I proceeded with sending a rescue party asap with fireman outfit with hoses on spary mode and on so as to counteract the heat and then he said that the they are 3 platform down. I said our first priority is to get them in a safe space with the help of the stretcher and then go about extinguishing the fire.)</p> <p>Then he said are you missing something. (he wanted to hear casting off of the barge.)</p> <p>I said about informing the port.</p> <p>Later he said while you were retreating form the engine room you see a FO line break and start pouring bunker oil in bilges and they become engulfed in flames.</p> <p>(So I said we will first try to extinguish it by using hoses with high expansion foam extinguisher.)</p> <p>He asked is there anything more present? (I mentioned those two semi portable 135L foam extinguishers.)</p> | F3 |

|          |            |   |    |
|----------|------------|---|----|
|          |            | <p>He said main power is cut so now what?(I said the emergency backup generator will kick in within 45 seconds and even if it didn't we have a manual fail safe lever that we can operate from the emergency backup generator room).</p> <p>He said what all it will power?(I said emergency fire pump, foam pump, and nav and radio equipments on bridge).</p> <p>He then said the fire is still increasing. (So I proceeded to tell that we will call off the firefighting and start retreating from engine room and while doing so we will close each door leading to engine room.</p> <p>Then I said as soon as we open CO2 bottles cabinet in an alarm will go off and engine room blowers will trip and ventilation flaps will shut remotely. Then I said about operating the quick closing valves control from FCR then I said we will examine if all openings, vents and all are out of engine room we will initiate the CO2 release after taking permission from port.).</p> <p>Cross questions on almost everything I say.</p> <p>Liferaft free float working?</p> <p>Where is the painter attached? (To the weak link).</p> <p>Where is the sen house slip attached? (between liferaft lashing strap and the HRU).</p> |    |
| VIBHUTI  | 14-OCT-21  | <p>1. Name any 5 conventions?</p> <p>2. Difference between a code and convention</p> <p>3. Min rest hours as per STCW</p> <p>4. Difference between SOPEP and SMPEP. What is the quarterly update you will do to these manuals? (Update emergency contact list issued by MEPC)</p> <p>(He will try to lower your confidence sometimes, but he will also praise you if you give correct and to the point answers).</p>  | F3 |
| VIBHUTI  | 4-AUG-21   | <p>Imp difference between rescue boat and lifeboat</p> <p>Draw liferaft diagram and explain</p> <p>5 convention</p> <p>Draw recovery strop and how it is used.</p>  | F3 |
| VISHWAKA | 17-JUNE-22 | <p>HRU working procedure</p> <p>Vsl list 20degree angle of loll how you will correct</p> <p>DOC</p> <p>Marpol annex 1 MS and cs discharge criteria</p> <p>What is difference between MS criteria inside and outside spl area?</p> <p>Instantaneous rate of discharge</p> <p>Solas content</p>   | F3 |
| WADHWA   | 14-JULY-22 | <p>MARPOL 5 DISCHARGE CRETERIA. LIFEBOUY MAINTENANCE. HRU.</p> <p>LIFEBOAT REQUIREMENTS. AIR PIPE PARTS NAME THEM.</p> <p>SOPEP CONTENTS. HOW TO OPREATE WELDON PUMP. BUNKERING PROCESS.</p>  | F3 |
| YOGRAJ   | 2-AUG-21   | <ul style="list-style-type: none"> <li>- what do you understand by seca</li> <li>-fire in cargo hold</li> <li>-person unconscious action</li> <li>-garbage, food waste disch. Criteria</li> <li>-preparation for psc and mlc (asked by external)</li> <li>-angle of loll</li> <li>-shell expansion plan</li> <li>- dynamic stresses(only names)</li> </ul>  | F3 |
| YOGRAJ   | 2-AUG-21   | <p>Oil record book part 1 and 2</p> <p>SOPEP</p> <p>SMPEP</p> <p>RESERVE BUOYANCY</p> <p>MLC IN DETAIL</p> <p>LOWERING OF RESCUE BOAT</p> <p>RESCUE BOAT SPEED</p> <p>REST HOUR IN WHICH CONVERSATION OTHER THAN MLC</p>  | F3 |

|         |           |   |       |
|---------|-----------|---|-------|
|         |           | FIRE IN CONTAINER ONBOARD<br>PYROTECHNICS<br>SEQ AND FEW MORE EASY...   |       |
| AGARWAL | 4-DEC-20  | <p>Asked about ships i did and voyages i have done.<br/>           Make passage plan from fujairah to singapore, lots of cards and bouyage, situations head on ,ovrtaking, trwlr port side.<br/>           Quote rule 2-10 but stopped midway at rule 8.<br/>           MSDS, chart correction, ASD, routing charts, marpol, cargo record book parts, IMDG code in brief, annex 6/5 discharge criteria, Solas latest ammendment, SEEMP, Immersion suit, lifeboat requirement, Tide table content and use, use of tidal diamond, IG plant stop action, prepare hold for coal, takeover of cargo watch in oil tanker, content of gas carrier code, again ror cards and situation, hazards of grain, draft survey in bulk carrier, chemical tanker types, How to take medical advice when master, chf offer injured, fire extinguisher requirement and at the end how to check aft draft.</p>  | MIXED |
| ANISH   | 20-NOV-23 | <p>What is difference between not to impede and shall keep clear?<br/>           Which rules tell about not to impede ( he mainly wants to hear the 8 F parts )?<br/>           Quote 8f. Tell me a scenario where you'll use 8f in contrast to both the vessels( many cross questions on this ). Does rule 13 applies in RV ? where it mentioned.<br/>           You see NUC vessel on port bow action. Why alteration of course why not reduction of speed and justify? Conditions when you'll call master.<br/>           Why there will be sudden vibration? How you will take cargo watch?<br/>           You see a shin of oil on stbd side while loading action.<br/>           Which manual tells you about loading procedure? Why CSS code apply to which ships?<br/>           What's disch criteria for Annex 1, 2 ,3? Which ships carry SOPEP and SMPEP?<br/>           What is sms? Is it a single manual or group of manual.<br/>           Where you'll get info about bridge manning level ( could not answer this)</p> | MIXED |
| AWASTHI | 6-AUG-19  | <ol style="list-style-type: none"> <li>1) Contents of annex 6.</li> <li>2) How will you load a ship (tanker)?</li> <li>3) Fire in galley, action.</li> <li>4) Pulse rate of an average person.</li> <li>5) Average body temperature.</li> <li>6) Location of IMO</li> <li>7) How will you calculate stability of ship?</li> <li>8) Formula to convert from *c to fahrenheit</li> <li>9) TPA, immersion suit ever used</li> <li>10) why you always have trim by stern</li> <li>11) how will you avoid your ship from pollution</li> <li>12) IAPP comes under which law</li> <li>13) Old maths formulae</li> <li>14) What cargoes did you carry?</li> <li>15) type of ships done</li> <li>16) after departure from Port c/o declares departure condition under which law it comes?</li> <li>17) how will you approach for a casualty &amp; how will you treat him?</li> </ol> <p>type of cargo carried ,types of Port done?</p>   | MIXED |
| BEHL    | 6-MAY-22  | <ol style="list-style-type: none"> <li>1. ship at angel of loll listed 20° port, 1 2 3 4 dbt and test tanks empty ur action</li> <li>2. responsibility of 2nd mate as per annex 6 marpol</li> <li>3. checks to be made as 3rd mate during lifeboat annual survey of on load off load mechanism</li> <li>4. Scald</li> <li>5. where u will get info. about PSSA</li> </ol>   | MIXED |

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|----------|-----------|--|-------|
| BEHL     | 12-FEB-20 | <ul style="list-style-type: none"> <li>- buoys, cardinal mark (he will confuse you and would want you to identify only with colour without the topmark).</li> <li>- No situations</li> <li>- No ror</li> <li>- Taking over watch</li> <li>- Duties in pilotage</li> <li>- principal of UTI ( failing question )</li> <li>- Cargo watch take over at 1800</li> <li>- Principal of gas meter</li> <li>- Explosive meter</li> <li>- Intrinsically safe meaning and how will you determine.</li> <li>- Difference between intrinsically safe and explosive proof</li> <li>- Drills</li> <li>- Lifeboat</li> <li>- Nothing special</li> </ul> | MIXED |
| BISWAS   | 24-AUG-22 | <p>Gmdss area A2 equipment required?</p> <p>When will an overtaking vsl become a crossing vsl?</p> <p>How to take shortest turn to stbd?</p> <p>Emergency signal?</p> <p>Cargo residence (coal, sulphur, etc) stored in drum, how to dispose?</p>  | MIXED |
| DANIEL   | 6-AUG-19  | <ol style="list-style-type: none"> <li>1) Document of authorization</li> <li>2) Difference between tankscope &amp; explosimeter &amp; multigas detector</li> <li>3) Gas-freeing procedure</li> <li>4) ISGOTT</li> <li>5) Tell me about your professional career</li> </ol> <p>Dredger tubes</p>  | MIXED |
| DARODKAR | 16-DEC-19 | <p>Asked my mistakes of situation</p> <p>And Errors of echo sounder</p> <p>Gyro doesn't work in higher latitudes</p> <p>Flammability daigram explanation</p> <p>Chain register contents</p> <p>Relation between density and stowage factor( asked by Daniel)</p> <p>Contents of IMSBC. Also gave me situation you get charterers msg of loading how will u proceed. Ans this with the draft restrictions on load and discharge port Daniel wanted to hear that.</p> <p>IMDG all class (asked by Daniel)</p> <p>Formula for tpc</p> <p>Annex of marpol (all 6)</p> <p>Amendments of Marpol and Solas (asked by Daniel)</p>                | MIXED |
| DAS      | 11-MAR-21 | <p>General questions about me</p> <p>Aground day signal</p> <p>Rule 3, 14</p> <p>North cardinal buoy</p> <p>What is imdg</p> <p>What is KG, TPC</p> <p>What is marpol annex 1</p> <p>Load density</p>  | MIXED |
| DAS      | 13-DEC-19 | <ol style="list-style-type: none"> <li>1. What is overtaking situation</li> <li>2. Responsibility of overtaking situation</li> </ol> <p>After that for around 30-40 mins he asked me only gmdss. Everything about gmdss</p> <p>Sea areas, frequency, full forms of various abbreviations etc</p> <p>Was happy with my GMDSS knowledge.</p> <p>How will you find new GM of the vessel</p>   | MIXED |

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| DEVESH     | 4-OCT-23   | <p>Idl, why not straight. Azimuth, amplitude. Ror cards.</p> <p>Situations. lala cards. Flag symbols.</p> <p>Still some questions cant remember.</p> <p>Pre arrival checks on tankers</p> <p>Cargo containment in chemical tanker</p> <p>Disch criteria annex 2</p> <p>Req for tpa</p> <p>Ism code which convention and chapter</p> <p>Isps code chapter and explain</p> <p>Isps security lvl 1, 2,3</p> <p>Fmp, tml</p>   | MIXED |
| DEVESH     | 2-APRIL-21 | <p>Started with introduction, Ship which u have sailed,</p> <p>Basic definitions like, Load density, stowage factor etc,</p> <p>Cargo sweat ships sweat, Classes if IMDG.</p> <p>Pv valve pv breaker pressure settings, Fire in galley fixed firefighting system.</p> <p>What about fire blanket?</p> <p>Hazards of urea? How will you prepare hold for urea (don't tell I will try out bilges).</p> <p>How bilge educator works? Annex 1 discharge criteria.</p> <p>Name 5 convention (I think he want to hear ballast water convention) and I told him that he said 'very good'.</p> <p>Capacity of slope tank and requirement.</p> <p>Why we add glycol in PV breaker and when?</p> <p>Entries in garbage record book.</p> <p>What about battery can discharge in sea??</p> <p>(Shore reception facilities)</p> | MIXED |
| DEVESH     | 12-MAR-21  | <p>Azimuth, Routing charts, Land and sea breeze.</p> <p>Why we say compass compared and what to do if there is 20deg difference between both compass (say first will inform to master).</p> <p>Stowage factor, Load density, From where we will get above details.</p> <p>CSM, Cargo and ship sweat.</p> <p>IMDG classes, Segregation table.</p> <p>Annex 1 cargo spaces discharge criteria, Annex 5 special areas.</p> <p>Certificates of marpol, Solas certificates.</p> <p>Fireman outfit (everything requirements its specifications n all)</p>  | MIXED |
| G P SHENOY | 13-SEPT-21 | <p>characteristics on which PPI depends ..</p> <p>TRS</p> <p>Name 5 convention</p> <p>Hongkong convention in detail</p> <p>GREEN passport</p> <p>STCW</p>  | MIXED |
| GP SHENOY  | 6-SEPT-22  | <p>1) tell me passage planning (He heard entire PP till monitoring), He always kept asking, what points you will consider while making PP, i did not understand what actually he wanted to hear.</p> <p>2) how will you determine position plotting interval ? When do u keep 5 mins? When 1 hour?</p> <p>3) 8-10 cards, all were RAM</p> <p>4) Explain safe speed in your words</p> <p>5) Vessel collided, Action ? - Which lights you will put in this case ?</p> <p>6) South cardinal mark card</p> <p>Situations</p> <p>1) You are doing 090°, you see south cardinal mark 2 pts on your port bow, action?</p>   | MIXED |
| GP SHENOY  | 7-JAN-22   | <p>Characteristics on which PPI depends..</p> <p>TRS</p> <p>Name 5 convention</p> <p>Hongkong convention in detail</p> <p>GREEN passport</p> <p>STCW</p>   | MIXED |



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| HARINDER   | 13-APRIL-21 | Mostly same questions as external<br>Deck seal alarms<br>Cow requirements and what will check before cow and from where fo u get all this information<br>Loadicator maintenance when carried out<br>Sopep contact list update frequency and who publishes it<br>Pv breaker diagram<br>What is the TLV of h2s amd few more<br>Difference between reserve source and emergency source                   | MIXED |
| JB SINGH   | 8-APRIL-21  | Sextant and why it is called sextant. ECDIS limitations and CATZOC.<br>Errors of echo sounder and phasing explanations.<br>Angle of repose. Precaution of loading methonal.<br>Types of wire used on board. IG composition. Deck seal.<br>Imo and convention under IMO. Survival crafts and why they called SV.<br>Y one life raft in forward. Immersion suit and it's specification.                 | MIXED |
| MANCHALWAR | 4-FEB-21    | CIRM. Which volume contains about CIRM?<br>Wheelhouse poster. Situation head-on with shallow patch on port side.<br>SOPEP contents.   | MIXED |
| MANHAS     | 5-MAR-21    | 7-8 cards n question few more but simple...<br>Content of routeing charts, PSG plan<br>Plans ob, Sailing direction content,<br>Situation OV FV SPD 8 PDV SPD 4 why n many more cross que<br>Marpol annex 1 special area,<br>What is sheering force n bending moment<br>Fire in galley, Trim table, HRU and cross que.<br>Content of SOPEP manual<br>Content of ship stability booklet                 | MIXED |
| MANHAS     | 4-SEPT-19   | Situations crossing overtaking TSS. AIO.<br>Head up course up North up. IAMSAR volume 3. Segregation table whts X.<br>Critical dilution line. Intact stability of grain. Annex 1 disc criteria<br>Annex 6 nox sox tiers<br>Whts %m/m  | MIXED |
| MANHAS     | 7-AUG-19    | Situations crossing overtaking TSS<br>AIO<br>Head up course up North up<br>IAMSAR volume3<br>Segregation table whts X<br>Critical dilution line<br>Intact stability of grain<br>Annex 1 disc criteria<br>Annex 6 nox sox tiers<br>Whts %m/m   | MIXED |
| MENON      | 17-NOV-23   | If in rv overtsking from stbd quarter you are stand on or give away<br>Tdl, time equation. 4 passage plan a to b. Not happy with ans just trying to fail basically.<br>Gas freeing. Isgot amm. Bay plan. Imsbc. Basic question wanted to pass in 2.<br>SMS. Ism cert. Life boat req. Fal and it's amendment. Mlc amendment.<br>Emergency fire pump req. No of fire extinguisher need. Marpol annex ¼. | MIXED |

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| MITHILESH | 17-JUNE-22 | COW and IG requirements<br>Doc and SMC survey explain<br>FSC<br>Inertia formula<br>MS space discharge criteria<br>ISPS (CSR) if anybody know this one plz give answer   | MIXED |
| MONDAL    | 6-SEPT-22  | 1. Shallow water? At what depth?<br>2. Speed over water?( he was not satisfied with answer)<br>3. Vsl 22.5° aft of ur port beam, situation, action?<br>4. Vsl crossing port to stbd, another vsl 4 point stbd bow, range 2 miles, going up, action?<br>5. You r CBD vsl, NUC crossing port to stbd, who is give way, action?<br>6. You r CBD, power driven vsl crossing port to stbd, 3-4 NM, who is give way, action?( in this situation he caught me- I said I will give 5 short and rapid blast, then he said she won't hear u, range of fog signal? how will u attract attention?)<br>7. Checks on Eldis lamp?<br>8. ECDIS limitations?<br>9. Settings on ECDIS?<br>10. Safety contour?<br>11. Use of safety depth setting? Is it navigable?  | MIXED |
| MONDAL    | 3-DEC-21   | Safety setting, Trs, Sea swell define,<br>R8 quote, Annex 1 discharge criteria<br>Marpol amendment.   | MIXED |
| NITIN     | 1-APRIL-21 | Introduction<br>Type A type B ships<br>Static dynamic test of life boat<br>What is subdivision load line<br>What is free board<br>How will u compute free board<br>How will u load cargo on tanker ( he want to hear which valves u will open and in which sequence)<br>A P R AR in ship shore safety check list<br>What is convention ,protocol and amendment ( Try to confuse u )   | MIXED |
| OAK       | 8-FEB-22   | Lights and day signal (all vessel's).<br>You're in Japan, you see a red light, Composite flash (2+1), what's the indication?<br>Chart symbols (swept by wire, flooding). Engine failure action.<br>Gyro error 2 High, compass course 253 (T), CTS?<br>Situation: RV, You're in tss, Target vsl ahead of you, can you overtake.<br>Rule 19, Part D (avoiding action)<br>Which side will you overtake? Distress flag.<br>Errors of Aneroid Barometer, Present reading 1000mb and height of eye 30m, what is the correction? Safe water mark lights. IMSBC code contents.<br>Markings of crane and what is the marking on the crane arm.<br>How many types of segregation in IMDG? Supplements of IMDG?<br>Pv valve settings. IG alarms. TML. TLV.<br>Discharge criteria for cargo pump room bilges.<br>Stealer plate. Coffin plate. Unstable equilibrium.<br>Angle of loll and corrective action. How are frames numbered?<br>Shell expansion plan. Solas pack A and B.<br>Life buoy painter length. What type of battery is used in lifeboat vhf and its expiry?<br>Annex 5 amendments. EPIRB testing. | MIXED |

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| OAK       | 6-JAN-21  | <ol style="list-style-type: none"> <li>1) Requirements to change co2 cartridge</li> <li>2) RSO</li> <li>3) 060686 container stowage position</li> <li>4) TML, FMP</li> <li>5) Contents of training manual</li> <li>6) Alarms in pump room</li> <li>7) All MARPOL certificates</li> <li>8) Discharge criteria for annexe II and I</li> <li>9) Lashings of RO RO ship</li> <li>10) Use of toggle pin</li> <li>11) Types of dunnage.</li> <li>12) Primary and secondary means of venting</li> <li>13) How you will operate fixed foam system</li> <li>14) If mast riser fails action</li> <li>15) Intact stability criteria of cargo ships</li> <li>16) Alarms in cargo tanks while loading</li> <li>17) What all books present in CCR</li> </ol>  | MIXED |
| PANIGRAHI | 19-JAN-23 | <p>Waited for almost an hour on a blank screen. External appears and starts with mixed questions. BPG and contents. How to find position using LBC and Merpass?</p> <p>How to find Lat using Polaris? Rule 8,17,Annex 2.</p> <p>What kind of vessels you've done?</p> <p>Contents of SOPEP, IMSBC, ISGOTT, SOLAS. Classes of IMDG.</p> <p>Certificates as per SOLAS. Fire in hold for coal. Fire on the mast riser.</p> <p>Fire in accommodation. Oil spraying from mast riser. What action will you take.</p> <p>Maintenance on fixed CO2 system, TPA, immersion suit</p> <p>What are onload release hooks</p> <p>What is SEEMP</p> <p>Enlist machinery space discharge criteria</p> <p>What is a green passport</p> <p>What are watertight and weathertight doors</p> <p>What is stowage factor, load density</p> <p>What is dangerous cargo</p> <p>How will you load explosives?</p>   | MIXED |
| PC MEENA  | 7-AUG-21  | <ol style="list-style-type: none"> <li>1) Garboard Strake, Sheer strake.</li> <li>2) Numbering of frame starts at which frame.</li> <li>3) Naming of stroke strats at which strake.</li> <li>4) How to report damage on hull near manifold?</li> <li>5) Gusset Plate.</li> <li>6) STCW code &amp; convention. In both cases, what is the abb. of STCW?</li> <li>7) OOW, Loading on tanker V/L, V/L list is 1<sup>o</sup> STBD Action, While taking action list increases to 5<sup>o</sup> STBD Action, Taking action for 5<sup>o</sup>, V/L listed to 10<sup>o</sup> STBD Action.</li> <li>8) What is difference between loading of bulk carrier, product tanker &amp; gas carrier?</li> <li>9) What is the harbor condition SF BM? What is the limit? What happens if you reach to 100% SF BM? (To the v/l in particular). Why SF BM has limit of 100% only, why not 125% or 200% or 150%?</li> <li>10) In which condition SF BM is more sea going or harbor? Why?</li> <li>11) Is Interco requirement onboard? If yes, than as per which regulation?</li> </ol> | MIXED |
| PC MEENA  | 15-OCT-19 | <p>Flammable range. If you see and oil pollution and you see oil every where what action will you do as the duty officer. And some more questions, but didn't focus much coz I performed good in external. Lsa equipment's, EEBD maintenance, Co2 bottles maintenance, Here is where it got interesting. He asked me for how to check the whistle of scab. So I told him the whole process of testing scba. He crossed question: if there is fire on ship will you check your scba before use. Ans is YES.</p> <p>He threw points like you didn't do tour last service then, you don't trust the equipment ,etc. stick to your point.</p>   | MIXED |

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| RAVINDRA   | 17-MAY-22  | Very Nice Person. Sailing vsl light, its day signal. What is mine sweeper - how does it perform or work, mine clearance vsl lights? Trawler light - shooting nets and nets fast upon obstruction.<br>2 different meaning of flag Z. Pilot vsl making way through water - lights and fog signals. when and how to take amplitude, its purpose. Purpose of taking Azimuth.   | MIXED |
| SRIVASTAVA | 15-OCT-19  | Rule 5,6,13 ( Didn't ask word to word just the brief). Some cards.<br>Passage planning. Over Taking situation. Flammability range explain.<br>IMDG contents. Isgott some topics. What info does CSM code provides. (Contents).<br>LSA maintenance. FFA maintenance. Fire extinguishers bottles test.   | MIXED |
| SURENDAR   | 5-JAN-21   | <ul style="list-style-type: none"> <li>* Name and native etc.</li> <li>* Asked about my last ship (VLCC)</li> <li>* Cow requirements (went in very deep with it all practical aspects, asked me if you cleaned you heavy weather ballast tank everytime?)</li> <li>* Cow checklist before arrival</li> <li>* Oil spill action</li> <li>* Cargo pump capacity</li> <li>* What line arrangements you had on ship</li> <li>* Root valves</li> <li>* Cargo pump capacity</li> <li>* Pressure testing for tank cleaning line</li> <li>* Blowers capacity your last ship</li> <li>* Deck seal diagram</li> <li>* Showed a couple of ROR cards</li> <li>* Primary and secondary means of venting on tankers</li> <li>* He asked me "is it your blind attempt?" I said yes sir.</li> </ul> | MIXED |
| TAPESH     | 11-JAN-22  | PSC and FSI, types of life buoys,<br>If mob lifebuoy is damaged can you replace with the lifebuoys on deck?<br>pms of lifeboat, what is flare and its reason, some cargo residues<br>eg. coal remain after discharge what will you do as per marpol,<br>name some imo conventions,<br>ballast water exchange methods   | MIXED |
| TOPNOV     | 1-APRIL-21 | Ask 4 to 5 cards crossing situations.<br>R 15, isolated danger marking on right action.<br>Cards also.<br>Load density. Grain cargo harzd.<br>Lashing. Heavy load lifting precaution, angel of lol action not definition.<br>Hazard of cement bcoz I work cement carrier MSDS sheet.<br>Conventional.<br>Definition. TPA.<br>Did u see TPA.  | MIXED |
| UNKNOWN    | 12-JULY-22 | <ol style="list-style-type: none"> <li>1) CBD, RAM, Isolated danger mark, lateral mark &amp; situations (4,5).</li> <li>2) Angle of loll, stack weight, chamber, shear force.</li> <li>3) Grain intact stability, gm&amp; properties</li> <li>4) You loaded container and it's damage and cargo spillage from container. Action.</li> <li>5) Why grain shift, and many more question related to the same</li> <li>6) M &amp; MS ACT (MSN, MGN, MIN).</li> <li>7) Marpol annex 5,1</li> <li>8) DOA</li> <li>9) ODMCS why fresh water need</li> <li>10) ISPS</li> <li>11) IMDG code</li> <li>12) Solas chapter</li> </ol> Rest hours (MLC & STCW) explain, Cow advantage.  | MIXED |

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| VAZ    | 23-AUG-19 | <p>1. contents of noise code.. Which chapter in MLC cross reference to noise code</p> <p>2. ISM.. Quote what's written in the Solas</p> <p>3. Which document can a PFSO access on the ship</p> <p>4. What are review recommendation of SMPEP. In MARPOL what does it say sopep "could be", "shall be "or" should be" combined with smpep</p> <p>5.What is FCOP with reference to chapter 2 of SOLAS</p> <p>6. Rule 12 sailing vessel why is the vsl having wind on her port side is supposed to keep out of the way.. Construction of sailing boat?</p> <p>7. what is the angle bw the runner wire of union purchas.. I was very happy cos this was the first question to which i knew the answer.. I said 120 deg.. He asked me why what is the reason and what is the calculation behind it?</p> <p>8. What is the formula given in Annex 3 for sound signals.</p> <p>After every question he told me i don't want anything word to word just quote the relevant convention and regulation number.</p> <p>9. Where does it say in Solas that the passage plan has to be berth to berth.. Which chapter and which regulation.</p> <p>I told him finally these r very absurd questions and nobody asks it.. And nobody prepares like this for the xam.. He said i am nt like other surveyors and started laughing and said that i am "terror" amongst the oral candidates...</p> <p>Told me finally although u haven't answered any of my questions but I don't wanna demotivate u.. U sound confident and r not afraid of expressing urself..so I'll give u func 3..i said pls tell me hw much are u marking me out of 10 for func 3..he said don't worry i don't give marks i only write pass or fail.</p> <p>Went to capt uppal for internal vaz was there uppal asked u hav done well in func 3 as told by vaz.. I looked at vaz smiled and said yes sir..</p> <p>If you r going to vaz don't bother to study.. He is a flag state and port state surveyor and ISM ISPS MLC auditor..he ll find a way to screw u..but he is a good guy</p> | MIXED |
| VIKRAM | 6-OCT-21  | <p>In TSS Vsl on Stbd crossing Action. In TSS Vsl on Port crossing Action.</p> <p>In TSS Vsl Head On action. Will anything change in Open waters.</p> <p>In open waters CBD on port Action. You are on that now CBD Action.</p> <p>Critical Dilution Limit. When to use which gas meters in gas freeing of tanks?</p> <p>Plate floor in DB Use.</p>  | MIXED |