



UK MARINE TRAINING CENTER (UMTC)

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SAI POOJA BUILDING, SHOP NO. 4, PLOT NO. 36, SECTOR - 34. KAMOTHE, NAVI
MUMBAI - 410 209 MAHARASHTRA, INDIA.

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Class 1 Oral's Questions

Date: 03-Oct-2023

Examiner: Mark Lenon

Candidate name: M.R.Vinod

Duration: 1Hr 15mins

Result: Pass

1. Type of vessels sailed on. (Product Tanker)
2. What certificates that are to be carried onboard.
3. If a new 2/E joins, how do you confirm he is qualified for the job.(COC,Cert. as per STCW)
4. What are the main Conventions of IMO. (Solas,Marpol,MLC,Loadline)
5. What is the purpose of MLC.
6. Tell me about Solas. (Told about the 14 chapters)
7. How many Annex's do we have in Marpol.
8. Tell me about Annex 1. (Told about OWS, ORB part 1&2, Regulations for pumping oil, Content should not be from pump room bilges)
9. Tell me about Annex VI. What certificates are to be kept onboard as per Annex VI. (IAPP,EIAPP, NOx Tech File)
10. Tell me contents of NOx Technical file.
11. How do you control SOx onboard. (Low sulphur fuel, use of scrubber)
12. How does Closed Loop Scrubber work. Describe the operation of the system.
13. Tell me about NOx. What is NOx.
14. How do you control NOx onboard.
15. How do you know your fuel is compliant with SOx regulation.
16. What are the other properties of fuel you would be looking for.
17. What is CCAI.
18. How would it affect the engine.
19. How would you rectify the situation. (Adjusting fuel injection)
20. Any other method.
21. What is VIT and its use.
22. Tell me about bunkering.
23. How would you decide the quantity required.
24. Tell me the bunkering process.
25. Why would you decide the bunkering plan with the deck department.
26. How will you maintain stability. (Metacenter)
27. Vessel is in drydock tell me checks you would carry out.
28. Which area would you expect more corrosion.
29. Vessel not getting enough spares what would you do. (told about performance checks)
30. Vessel is not making speed.
31. What would you do as chief engg.
32. What essential services would you require in drydock.
33. How would you connect shore power.
34. Checks on Shore power.
35. Types of earthing systems.
36. CO2 system checks.



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37. What all checks will you carry out when vessel is being refloated after drydock.
38. Why do we take crankshaft deflection.
39. A new cadet has joined and he will join you for crankcase inspection, what would you tell him about checks to be carried out.
40. What tests are carried out on Lube oil.
41. Reasons for bacterial attack on lube oil.
42. How would you rectify the condition.
43. Other checks in crank case.

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Shivaji Sir

ADITYA SIR