



UK MARINE TRAINING CENTRE (UMTC)

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

EMAIL : umtcindia1234@gmail.com | PH : +91 9673855053, +91 7021406134

Class 1 Oral's Question

Date: 20 Feb 2023

Surveyor: Neaz Hyder

Candidate: Opinder Singh

Time: 1Hr 30 MINS

1. How will you take over as a Chief Engineer.
2. What is NOx Technical File. What all is include in it.
3. What all entries we make in it.
4. Difference between IAPP and EIAPP.
5. How is IAPP acquired.
6. Give example of NOx Reduction.
7. What is the difference between Condition of Class and Memorandum of Class. Give examples.
8. Full preparation of a Dry Dock.
 - 3 Monthly checks
 - 1 Monthly checks
 - 2 Weekly checks
 - Vessel in Lay Up berth
 - Vessel inside Dry Dock
9. Explain how forward part of the ship is affected by the Panting and Pounding effect.
10. How is ship structure stiffened to counter panting and pounding effect.
11. Why do we need pintle. It's purpose and clearances.
12. Rudder Inspection. What takes the load of the rudder.



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13. Checks on the propeller. How Cavitation occurs on the propeller blades.
14. How ISM affects the Chief Engineer.
15. How will you ensure that the Company's SMS is being followed and implemented onboard your vessel.
16. How do you get an SMC for the vessel.
17. What is Condition Based Monitoring and how do you go about it. (Discussed L.O analysis in detail.
18. 2/E takes crankshaft deflection and produces the report. What will you interpret from the result and what actions if you find any deviation. How will you plot a graph.
19. How will you ensure that your ME is balanced. Explain about light spring card.
20. Explain load diagram/Propeller curve graph.
21. How to survey the boiler safety valve. What all will be checked.
22. How to gag the safety valve. What is the gagging tool.
23. Explain PID controller. Explain cascade control system.
24. What is T/C surging. Explain the T/C surge curve.
25. Explain the full pump down procedure of the refrigeration system.
26. How does the thermostatic expansion valve equalizing line work.
27. What is the purpose of PSC inspection.
28. What are the documents available onboard the ship and not the certificates issued by flag/class.
29. Explain all 5 titles of MLC.
30. What is DMLC, DMLC 1, DMLC 2.
31. Asked me to explain about the field flash procedure in case of generator is not producing any voltage.



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32. IR testing procedure.

33. Procedure to release CO2 in the engine room.

34. What is the purpose of CO2 bottle syphon/dip tube.

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Shivaji Sir
ADITYA SIR