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 2 Oral's Question

Date: 08 Feb 2023

Examiner: Zorhul Haque

Candidate: Vishal Lole

Duration: 1 hour

Result: Pass

1. Name & identity

2. Flag of ship?

3. Details about deck crane?

4. Construction difference between 2 stroke and 4 stroke?

5. Function of Tie rod ?

6. Function of Holding down bolt and checking procedure ?

7. function of piston rings in 4 stroke engine ?

8. Function of top ring ?

9. Function of oil scrapper ring ?

10. If lub oil consumption is more, what is the problem? How you will resolve?

11. Draw 2 stroke cross section diagram and explain?

12. 2 stroke engine exhaust valve damaged- changing procedure for exhaust valve ?

13. What to do with damaged exhaust valve ?

14. Reasons for exhaust valve damage ?

15. Working principle of exhaust valve?

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16. Air piston working principle ?

17. How to adjust timing for opening of exhaust valve ?

18. Fuel oil change over procedure ?

19. Uses of fuel on ship?

(Asking for low sulphur and high sulphur)

20. How to control sox?

21. Marpol Annex 6?

22. Certificates under marpol annex 6 ?

23. Working of scavenge air cooler ?

24. Properties of bearing?

25. What type of damage on crankpin bearing ?

26. L.o analysis report ?

27. How will you know problem in bearing ?

28. CrankCase inspection ?what you will check ?

29. Crankshaft deflection check procedure ?

30. Prepare boiler for class survey?

31. Why boiler door opening inside not outside ?

32. furnace refractory rason for damage and material?

33. Cyclo- convertor ?

34. Transformer? Losses in transformer ? Iron loss? Copper loss?

35. What is ISM?

chapter 5?

Part A and part B?