



Class 2 Oral's Questions

Date: 24-04-2024

Examiner: Michael Groark

Candidate name: **Sarfraz**

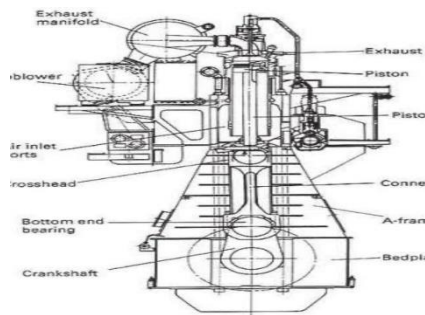
Duration: 1Hr 30 Mins

Result: Pass

Started with room inspection, screen share identity checks

1-what type of vessel and type of engine (conventional or electronic)?

2-



Displayed same like this diagram and asked me to name all the component?

3-Exhaust v/v operation?

4-If LO pressure is very less in T/C what will happen?

5-How will you operate with defective T/C what are the methods explain?

6-How crosshead lubrication is happening?

7-Are you using same LO oil to CC and liner?

8-Explain the both LO properties?

9-Why high TBN oil using with sulphur content oil and why not with low sulphur oil (diesel)?

10- If there is fire on engine head what are the sensors are there and what they will do?

(smoke,flame,tempreture. Activate high fog system)

11-Explain high fog system operation?

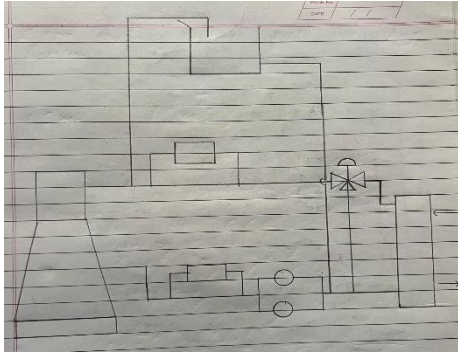
12-Shows me like this diagram asked me to name all component?



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13-If JCW out temp.. is high how you will manage according to diagram? (circulate through FWG)

14-Why preheater is there in JCW inlet?

15 What type of vv is this what it is doing in system and type of control is used? (I explained p, p+l, P+l+D controller)

16- Purpose of expansion tank and what condition the expansion tank is helping us to obserb ?

(Basically he was taking me through liner or cyl head crack what will happen in exp.. tnk)

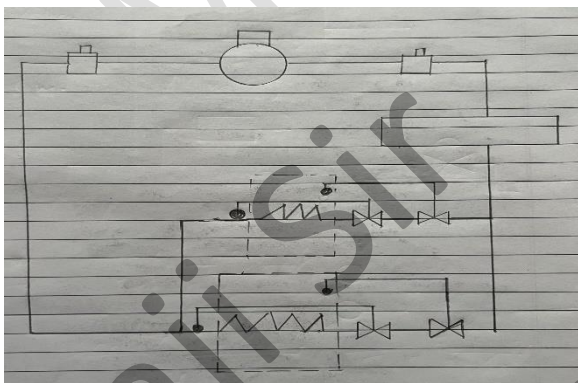
17-How cyl. Head will crack? (hot corrosion , scale formation)?

18- Explain hot corrosion?

19- To reduce scale formation what you will do?

20-On board vessel do you have any other system where you are doing water treatment? (boiler)

21- Explain the boiler water tests? (Alkalinity, chloride, phosphate, hydrazine, ph)



22-Name the components?

23-Why compressor frequently starting and stoping?



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24- Explain the work of expansion vv?

25-What are the defects in the system ?

26-If there is a leak how will you find out and how to fix it?

27-Explain charging process?

28- Ch/cook said meat room, fish room, veg room temp.. abnormal very first thing what you will check? (all meat, fish, veg room parameters)

29-If meat, fish ,veg room parameters not in required range Even your refer system is in good condition at stop position than what could be the problem?(room door may left open, sealing not good , IT is in auto defrost condition).

30-All the work is done and refrigerant charged where will you record? (ODS book)

31-If a motor is frequently started stopping what will happen with motor?

32-What is short circuit?

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Aditya Sir