

With reference to international safety manning code

State the purpose of the DPA **Desiccated Person A shore.**

The two certificates that are required on a vessel in order to show compliance with the code **safety, and environmental concerns.**

2 With reference to marpol 73/78 annex 1 that stipulates an oil record book must be used

List four circumstances under which a entry mus be made. **Bunkering, oil on, or oil off the boat. Any spill, when oily water is pumped off the boat.**

List six items that must be recorded following the transfer of a substance containing oil

3 with reference to machinery watchkeeping list the five responsibilities of a watchkeeper. **Standing orders carried out. Bilges are kept in safe condition; machinery is running in safe and manufactures specs. All fire and safety equipment is in operation. To code to safe working practices. Report any faults breakdowns to chef and bridge.**

State the procedure that should be followed when attending a ums engine room. **Set the dead man alarm before entering engineroom, Answer the alarm, inform bridge about alarm and time you will be in the engineroom. Call the bridge atleast every hour and set the dead man alarm every time until finished. Once finished, reset the dead man alarm go to your cabin and inform bridge you are finished and out of engineroom.**

4, With reference to yacht tender launching and recovery lifting appliance

State four safety requirements . **inspected on annual basis, and before every time you used it. Have a safe working load stamp. Check all lifting equipment strops,lifting eyes,**

5,With reference to plant monitoring as part of a planned maintenance system

List the various parts of a single main engine piston liner etc that would be calibrated during a main engine overhaul. **Piston, the crown would be calibrated by using profile gauge, measure the piston ring groves, the oratory of the bottom end bearing, measure in at least 4 different positions of the liner to manufactures recommendations. Inspect the Jurnal in 4 differan't positions.**

6, Ba routine crankcase oil report indicated high levels of tin and lead list the specific parts of the engine that would require examination., **bottom end bearings and main bearings, cam shaft bearings**

7 Define the term harmonization system of survey and certification **notes Y3 stats Ops page 188**

B With reference to a motor yacht of 500 tonnes and carrying 12 passengers list six

Doc of compliance, sewer doc, load line cert, ships safety cert, IAPP Cert.

Statutory certificates that are required to be carried out in order to be in compliance with the IMO convention

8 with reference to the periodical dry docking of a vessel

list 5 services that should be made available in order to maintain the vessel

while in the dock

Sea water for fireman control

Sewage

Commutations

Fresh water

Electrical connections, correct voltage and frequency.

9 As fire team leader describe how you would organize a team to search for a person in a smoke filled space.

Use a 4 man team using SCBA equipment. 1 man standing by outside with SCBA ready. 1 controller notes time on time off of air. 2 men enter to do a left hand search. Safety line may be used by the 2 men doing the search.

List four essential checks that should be carried out before using a compressed air

Breathing apparatus. Visual inspection of SCBA equipment. Check whistle, demand valve, have a good seal. Check fire fly sensor.

10 write a list of standing orders detailing the procedure to be adopted in the event of severe flooding in the machinery spaces, rise alarm, water tight doors to be closed, and evac non personnel. Open emergency bilge injection system and start pumping. Assess damage. Ballast pump to be started. Slow or stop the increase of flow.

List the positions of the four main watertight bulkheads in a typical vessel.

Collision bulkhead. 96% of distance from LBP

Forward engine room bulkhead.

Aft engine room bulkhead

Aft peak bulkhead