**ΘΕΜΑΤΑ ΕΞΕΤΑΣΕΩΝ**

1. **MATCH THE POSSIBLE CAUSES WITH THEIR REMEDIES.**

**GIVE THE ANSWER IN THE ANSWER SHEET. (9x1,25=11,25)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| adjusted | check | clean | correct | drain |
| find | increase | raise | repair |  |

1. If the control selectors are wrongly set, \_\_\_\_\_\_\_\_\_\_ the setting.
2. If there is faulty timing of starting air distributor, \_\_\_\_\_\_ the timing.
3. If the puncture valves are not deaerated, \_\_\_\_\_\_\_\_\_ the cause of the stop-order and correct the fault.
4. If the fuel filter is blocked, \_\_\_\_\_\_\_\_ the filter.
5. If the fuel pressure is too low, \_\_\_\_\_\_\_\_\_ the pressure.
6. If the fuel cam is wrongly \_\_\_\_\_\_\_\_\_ , or slipped, check the fuel pump lead.
7. If there is a defective fuel pump suction valve, \_\_\_\_\_\_\_\_\_\_ the suction valve.
8. 8. If there is water in fuel oil, \_\_\_\_\_\_\_\_\_ off the water and/or clean the fuel more effectively.
9. If the oil pressure before fuel pumps is too low, \_\_\_\_\_\_\_\_ the supply and circulating pump pressures to the normal level.
10. **DAMAGE CONTROL COMMUNICATIONS, LOGBOOK PARAMETERS: GIVE THE ANSWER IN THE ANSWER SHEET. (7x1,25=8,75)**

|  |  |  |  |
| --- | --- | --- | --- |
| current | detect | filling | flooded |
| muster | openings | previous |  |

1. Close all \_\_\_\_\_\_\_\_\_\_\_\_ and valves. Switch on power. Switch on bilge pump.
2. Engine room station \_\_\_\_\_\_\_\_\_\_. Stopping flooding from inside not possible.
3. \_\_\_\_\_\_\_\_\_ damage control team. Damage control team must have appropriate equipment.
4. It is worth noting that a log book is not just for \_\_\_\_\_\_\_\_\_ records.
5. It is also used as a reference to study \_\_\_\_\_\_\_\_ data of machinery parameters ,
6. and to compare them with the \_\_\_\_\_\_\_\_ data , in order to
7. \_\_\_\_\_\_\_\_\_\_\_ any major fault early.
8. **CHOOSE THE CORRECT ANSWER AND GIVE IT IN THE ANSWER SHEET. (64x1,25=80)**
9. In an emergency passengers should be able to\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ crew members from other passengers.
10. extinguish b. distinguish c. disperse
11. The terms ‘muster station’ and ‘embarkation station’ are used\_\_\_\_\_\_\_\_\_\_\_\_\_ which can cause some confusion.

 a. indicatively b. attentively c. interchangeably

1. \_\_\_\_\_\_\_\_\_\_\_\_ made on a PAS (public address system) should be clearly audible in all operating conditions.

 a.Instructions b. Information c. Broadcasts

1. You may leave your children under \_\_\_\_\_\_\_\_\_\_\_\_\_\_ care in the playroom on B deck from 9:00 to 17:00.

 a. Experienced b. trained c. qualified

1. The vessel is in all \_\_\_\_\_\_\_\_\_\_\_ ready for the sea.

a. requests b. respects c. means

1. All safety equipment is \_\_\_\_\_\_\_\_ full working order.
2. of b. off c. in
3. Rescue vessels are coming to our rescue. They will reach us \_\_\_\_\_\_\_ 30 minutes.
4. at b. in c. within
5. \_\_\_\_\_\_\_\_\_\_\_\_ in training sessions on occupational safety is mandatory.
6. Involvement b. Participation c. Taking care

1. You must carry a breathing apparatus when entering a(an) \_\_\_\_\_\_\_\_\_\_ space.
2. closed b. enclosed c. closure
3. You must wear full \_\_\_\_\_\_\_\_ clothing when dealing with fire.
4. protect b. protection c. protective
5. In a person overboard situation, if the victim is \_\_\_\_\_\_\_\_, you must launch the rescue boat immediately.
6. invisible b. visible c. vision
7. “What is the nature of \_\_\_\_\_\_\_\_\_\_?” “ I have problems with navigation”
8. distress b. inconvenience c. trouble
9. Number of \_\_\_\_\_\_\_\_\_\_ due to explosion: two
10. casualties b. fatalities c. losses
11. Sufficient time should be allotted for not only taking the \_\_\_\_\_\_\_\_\_\_ but also for properly filling up the log book.
12. readable b. reader c. readings

1. Corrective maintenance is defined as activities undertaken to detect, isolate and \_\_\_\_\_\_\_ a fault.
2. correct b. rectify c. repair
3. An objective of the ISM Code is to ensure prevention of human \_\_\_\_\_\_\_\_\_\_\_\_\_.
4. casualty b. injury c. wound
5. The mandatory application of the ISM Code helps to ensure \_\_\_\_\_\_\_\_\_\_ with mandatory rules and regulations.
6. compliance b. conformity c. progress
7. The officer on watch shall keep the main propulsion plant and auxiliary systems under constant \_\_\_\_\_\_\_\_\_\_\_\_\_ until properly relieved.
8. audit b. inspection c. supervision
9. The engineer of the watch is the chief engineer’s \_\_\_\_\_\_\_\_\_\_\_\_\_.
10. representative b. representation c. represented

1. There is a \_\_\_\_\_\_\_\_\_\_\_\_\_ between my figures and yours. We should check again.
2. difference b. discrepancy c. similarity
3. What do you think the \_\_\_\_\_\_\_\_\_\_ outcome of the manager’s meeting will be?
4. expected b. likely c. possible

1. The company was \_\_\_\_\_\_\_\_\_ $20.000 for breaching safety regulations.
2. donated b. fined c. resumed
3. We must fight a fire quickly until we are sure it is completely \_\_\_\_\_\_\_\_\_ out.
4. away b. off c. put
5. This is to \_\_\_\_\_\_\_\_\_ that the safety management system of the ship has been audited.
6. certify b. registry c. valid
7. Attention should be paid to all \_\_\_\_\_\_\_\_\_\_\_\_\_ materials in the machinery space.
8. combustible b. combustion c. ignited

1. The emergency bilge suction is a (an) \_\_\_\_\_\_\_\_\_\_\_ unit.
2. independent b. dependable c. dependence
3. The emergency bilge suction is used for the \_\_\_\_\_\_\_\_\_ of flooding on the ship.
4. prevent b. prevention c. preventive
5. For \_\_\_\_\_\_ reasons we request all passengers to go to their assembly stations.
6. emergency b. safety c. security
7. A drill will be held to \_\_\_\_\_\_\_\_\_\_\_ passengers with their assembly stations and with emergency procedures.
8. familiarize b. make known c. make acquainted
9. Passengers are \_\_\_\_\_\_\_\_\_ to follow the crew who will escort them.
10. asked b. ordered c. requested
11. \_\_\_\_\_\_ the pilot ladder immediately.
12. Fix b. Mend c. Rig
13. There are enough life-saving \_\_\_\_\_\_\_\_\_\_ for everyone on board.
14. appliances b. equipment c. gadgets
15. Enter the lifeboats \_\_\_\_\_\_\_ the ladders. Do not push each other when entering the lifeboats.

a. down b. through c. via

1. Is the ship’s routine in \_\_\_\_\_\_\_\_\_\_\_\_ with IMO rules and regulations?
2. accordance b. according c. following
3. The Safety Management certificate is \_\_\_\_\_\_ until expiry date 26/01/2023, subject to periodical verification.
4. invalid b. valid c. worthy
5. The frequency of inspections depends \_\_\_\_\_\_\_ the engine make and use.
6. at b. of c. on
7. Access to the assembly station is \_\_\_\_\_\_\_\_\_ the lounge.
8. into b. out of c. through
9. “What kind of assistance is required?” “I require radio medical \_\_\_\_\_\_\_\_\_.”
10. advice b. advise c. help
11. “What problems do you have?” “ I am maneuvering with \_\_\_\_\_\_\_\_\_\_\_.”
12. difficulty b. hardship c. troubles
13. “ Are you ready to bunker?” “ Yes, I am ready to bunker. I have \_\_\_\_\_\_\_\_all safety measures.”
14. prepared b. reported c. succeeded
15. “Pressure steady at 3 bars.” “ We have \_\_\_\_\_\_\_ a tank capacity of 90%.”
16. measured b. met c. reached
17. In a 4-stroke Diesel Engine the piston is connected to the connecting rod with the: a.crank pin b. gudgeon pin c. connection pin

1. In a 2-stroke Diesel Engine the piston rod is connected to the connecting rod with the:
2. connection pin b. crosshead pin c. crank pin
3. The connecting rod is connected to the crankshaft with the:
4. crank pin b. connection pin c. crosshead pin
5. The camshaft opens the valves with the help of the:

a.crankshaft b. piston rod c. push rod

1. The 2-stroke DE does not have an inlet valve; it has scavenge:
2. valves b. ports c. exhaust
3. The cylinder block, the frame of the engine and the bedplate are all three connected together with the:
4. tie rods b. connecting rods c. frame rods
5. The valve seats are housed on the:

a.cylinder liner b. cylinder head c. cylinder top

1. The cylindrical chamber which holds water is called:
2. water drum b. steam drum c. water tube
3. The steam which is generated in the tubes is wet, while the steam in the steam drum is:

a. superheated b. dry c. saturated

1. Water changes into steam in the:

a. circulating tubes b. generating tubes c. supplying tubes

1. Stationary means :

 a. the opposite of ahead b. action c. fixed, not in motion

1. To convert means:
2. to change into something else b. to remain the same c. to keep going
3. the main part of a reciprocating steam engine is:
4. the piston b. the rotor c. the blades
5. Steam transmits to the engine:

a. kinetic energy b. heat energy c. mechanical energy

1. A device in which boiler feed water is heated under reduced pressure in order to remove dissolved air:

a. superheater b. desuperheater c. deaerator

1. A device which cools exhaust steam back into water:

a. condenser b. deaerator c. economizer

1. If there is fire in a place, we are warned by:

a. fire extinguishers b. fire detectors c. fire appliances

1. A gear –wheeled pump is used to pump mostly:

a. water b.lub oil c. all kinds of liquids

1. The vane type of pump is a :

a. rotary pump b. centrifugal pump c. reciprocating pump

1. The engine indicator cards show if the fuel pumps need:

a. alignment b. adjustment c. correction

1. Lubricating oil sumps and tanks should be cleaned of:

a. sediment b. wear c. carbon deposits

1. When we replace piston rings we should leave sufficient clearance for the \_\_\_\_\_\_\_\_\_\_ of the rings.
2. construction b. expansion c. extension
3. The crankshaft should be checked for:

a. deflection b. deviation c. reflection