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| Merchant marine academy of Macedonia- School of Engineers |
| **Course: Maritime English Academic year:2021-22 Exam period: September** |
| **Semester: A Date: 13/09/22 Instructors: A. Birbili, E. Xenitidou, M. Tsombanoglou** |
| **Student’s name: Student’s number:** |
| **Exam paper grade: Instructor’s signature** |

**Fill in the gaps with the following words to make phrases: (10 points)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **IMO**  | **Diesel** | **station** | **fly** | **proof** |
| **scavenge**  | **winch** | **stuffing** | **stroke** | **call** |

…………………. box four………………………diesel engine

…………………..wheel water ……………………

…………………..sign pilot ……………………….

Mooring ……………….. ………………………number

……………… oil ………………………….box

**Fill in the gaps with the following words: (10 points)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **transponder** | **Lifejacket** | **stretcher** | **station** | **embarkation** |
| **distress** | **apparatus** | **lifebuoy** | **muster** | **extinguisher** |



**Match the following parts of a diesel engine with their functions. (10 points)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **exhaust** | **push** | **crosshead** | **water jacket** | **crankcase** |
| **piston** | **bedplate** | **piston rod** | **gudgeon pin** | **cylinder head** |

-- It reciprocates in the stuffing box: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

-- All the valves are fitted in it: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

-- It supports the whole engine: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

-- The crankshaft rotates in it: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

-- The gases go out through this valve: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ valve

-- It connects the piston rod to the connecting rod: ­­­­­­­­­­­­­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

-- It compresses the air: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

--The camshaft opens the valves with the help of this rod: \_\_\_\_\_\_\_\_\_\_\_ rod

-- It connects the piston to the connecting rod: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

-- It cools the cylinder externally: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Fill in the gaps with the appropriate word from the list below. (15 points)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***funnel*** | ***poop*** | ***port side*** | ***hatches*** | ***starboard side*** |
| ***rudder*** | ***galley*** | ***bulkheads*** | ***holds*** | ***laundry*** |
| ***messroom*** | ***cranes*** | ***forecastle*** | ***superstructure*** | ***bridge*** |

-- Tool for changing course: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

-- The place where food is cooked: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

-- You can wash your clothes there: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

-- The anchor windlass is kept on the: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

-- All navigational activities take place in it: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

-- The raised “house” containing the bridge and the accommodation: \_\_\_\_\_\_\_\_\_\_\_\_\_

-- They separate the holds from each other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

-- They are used to lift the cargo: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

-- The left part of the ship: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

-- The place where you can eat: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

-- Cargo is stored there: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

-- The right part of the ship: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

-- A raised deck aft: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ deck

-- The openings on the deck that provide access to the holds: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

-- The exhaust gases from the engine room go out into the air from there: \_\_\_\_\_\_\_\_\_\_

**Find the kinds of vessels that do the following. (10 points)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **lightship** | **tugboat** | **container** | **SAR vessel** | **clean-product tanker** |
| **Ro-Ro** | **bulk carrier** | **ferry** | **icebreaker** | **crude carrier** |

-- Carries vehicles: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

--Carries any type of cargo in “boxes” of standard dimensions: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

-- She breaks a way through ice for other ships to sail: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

-- Carries passengers and cars: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

-- Tows other vessels: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

-- Carries crude oil: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

-- Carries dry loose cargo such as grain, iron, ore etc.: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

-- Carries refined petroleum products: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

-- Searches and rescues ships in distress: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

-- Serves as a beacon for navigation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Fill in the names of the following tools: (15 points)**

  

Digital C……………….. M…………………… Ball point h……………..

  

s…………………… L………………… B…………………

   M……………………… V……………… B…………… D…………………

**Fill in the gaps with the following words: Captain, Chief Mate, 2nd Mate, Messmate, A/B, Rating, Fitter, Oiler, Chief Engineer, Second Engineer, Engineer Cadet, Bosun, O/S, Wiper, Cook (15 points)**

………………………… S/ He is in charge of the ship’s cargo and deck crew.

…………………………. This person works on the ship but is not an officer.

………………………… S/He prepares food.

………………………… S/ He keeps and E/R watch and is in charge of engine room repairs.

………………………… S/ He is in charge of the engine department.

…………………………. S/ He is the representative of the company.

…………………………. S/ He is in charge of all aspects of navigation.

………………………… S/He follows commands of officers in the E/R and assists as required.

………………………….. S/He cleans the galley and keeps all living spaces on board tidy.

………………………… S/He is responsible for cleaning various engine spaces.

…………………………… S/He greases bearings and assists in the engine room.

…………………………… S/He is in charge of all deck ratings.

…………………………… S/He is a fully trained seaman and is in charge of maintenance of the deck. S/ he can also steer the ship.

………………………….. S/He is not a fully trained seaman and concentrates more on cleaning.

………………………….. S/He does sheet metal work, plumbing and welding.

**Fill in the gaps: (15 points)**



End of the test



 **GOOD LUCK!!!**