

**MERCHANT MARINE ACADEMY OF MACEDONIA  
SCHOOL OF ENGINEERS**

**Course: Maritime English**

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**Student number:**

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**FINAL TEST in English**

**1. Fill in the gaps with the following words (12 p.)**

*weight, rocker, stroke, crown, journal, rod,  
list, proof, stuffing, wheel, web, oil*  
diesel .....

check.....

fly.....

fly .....

water.....

primary ..... arm

push ..... lever

four ..... DE











piston .....

crank .....

crank .....

.....box

**2. Name the following Life Saving Equipment. (15)**










				
L.....	Radio t.....	E..... ladder	L..... with line	Eye wash S.....
				
breathing a.....	survival craft d..... signal	m..... station	fire e.....	S.....

### 3. Match the following parts of a diesel engine with their functions. (11 p.)

*exhaust, piston, push rod, bedplate, crosshead, piston rod,  
water jacket, gudgeon pin, cylinder head, crankcase, sump tank*

- It connects the piston rod to the connecting rod: \_\_\_\_\_
- It compresses the air: \_\_\_\_\_
- The crankshaft rotates in it: \_\_\_\_\_
- The lub oil is in it: \_\_\_\_\_
- The gases go out through this valve: \_\_\_\_\_ valve
- The camshaft opens the valves with the help of this rod: \_\_\_\_\_
- It connects the piston to the connecting rod: \_\_\_\_\_
- All the valves are fitted in it: \_\_\_\_\_
- It supports the whole engine: \_\_\_\_\_
- It cools the cylinder externally: \_\_\_\_\_
- It reciprocates in the stuffing box: \_\_\_\_\_

### 4. Name the following tools. (10 p.)

 Bench G.....	 P.....	 D..... machine	 Single German S.....	 A..... key
 B..... and N.....	 H.....	 V.....	 M.....	

### 5. Match the duties to the crew members who perform them (10 p)

*Master, fitter, oiler, chief engineer, chief officer,  
wiper, bosun, 2<sup>nd</sup> officer, apprentice engineer, cook*

- Representative of the company and responsible for the safety of the crew and the ship: \_\_\_\_\_
- Corrects and updates the charts: \_\_\_\_\_
- Is the head of the Engine Department: \_\_\_\_\_
- Plans and supervises loading: \_\_\_\_\_
- Is in charge of all deck ratings: \_\_\_\_\_
- Greases parts of the machinery: \_\_\_\_\_
- Cuts and welds pipes: \_\_\_\_\_
- Follows commands of the officers in E/R and assists as required: \_\_\_\_\_
- Prepares food: \_\_\_\_\_
- Is responsible for cleaning various engine spaces: \_\_\_\_\_

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

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

- The right part of the ship: \_\_\_\_\_
- The left part of the ship: \_\_\_\_\_
- The place where you can eat: \_\_\_\_\_
- The place where food is cooked: \_\_\_\_\_
- You can wash your clothes there: \_\_\_\_\_
- The anchor windlass is kept on the: \_\_\_\_\_
- They separate the holds from each other: \_\_\_\_\_
- They are used to lift the cargo: \_\_\_\_\_
- Cargo is stored there: \_\_\_\_\_
- 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: \_\_\_\_\_
- Tool for changing course: \_\_\_\_\_
- All navigational activities take place in it: \_\_\_\_\_
- The raised "house" containing the bridge and the accommodation: \_\_\_\_\_

**7. Find the kinds of vessels that do the following. (12 p.)**

*lightship, tugboat, LNG, bulk carrier, reefer, container, Paxcar ferry, Ro-Ro, SAR vessel, icebreaker, clean-product tanker, crude carrier*

- Carries refrigerated cargo: \_\_\_\_\_
- Carries dry loose cargo such as grain, iron, ore etc.: \_\_\_\_\_
- Carries vehicles: \_\_\_\_\_
- Tows other vessels: \_\_\_\_\_
- Carries crude oil: \_\_\_\_\_
- Carries refined petroleum products: \_\_\_\_\_
- Searches and rescues ships in distress: \_\_\_\_\_
- Serves as a beacon for navigation: \_\_\_\_\_
- Carries any type of cargo in "boxes" of standard dimensions: \_\_\_\_\_
- She breaks a way through ice for other ships to sail: \_\_\_\_\_
- Carries passenger and cars: \_\_\_\_\_
- These vessels carry extremely dangerous cargo, explosive gas at freezing temperatures: \_\_\_\_\_

8. Name the parts in the following diagram of a 4-stroke diesel engine. (15 p.)

