

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

STUDENT'S FULL NAME:

STUDENT NUMBER:

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Semester: A

Instructor's name: M. Tsompanoglou, A. Birbili, E. Xenitidou

FINAL TEST in English

1. Match the following words. (10 p.)

Crank	Cover
Cylinder	Rod
Exhaust	Web
Crank	Box
Hatch	Pin
Main	Valve
Poop	Liner
Inlet	Valve
Stuffing	Deck
Connecting	Deck

2. Name the following tools. (10 points)



F..... g.....



C.....



M.....



L.....



B.....



M.....



D.....



Fitter's v.....



B.....



Hand G.....

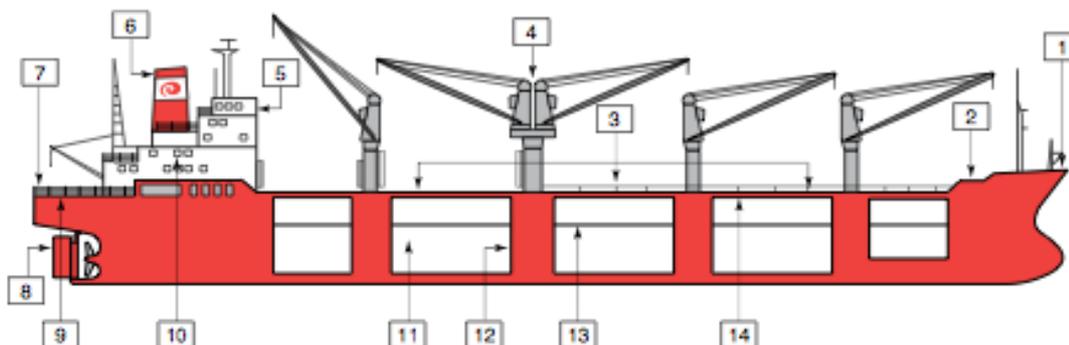
3. Find the kinds of vessels that do the following: (15 points)

Tug, General cargo ship, Bulk carrier, Cable layer, Pilot tender, LPG, Reefer, Container, Clean-product tanker, Ro-Ro, SAR vessel, Lightship, Crude carrier, Icebreaker, Paxcar ferry

- Lays cables on the bottom of the sea:
- Crushes a way through ice:
- Searches and rescues ships in distress:
- Carries passengers and cars:
- Serves as a beacon for navigation:
- Carries any type of cargo in “boxes”:
- Carries refrigerated cargo:
- Tows other vessels:
- Carries any type of packaged cargo or pieces of machinery:
- Carries crude oil:
- Carries liquified petroleum gas:
- Assists with the pilotage of another vessel:
- Carries loose cargo such as grain, iron, ore etc.:
- Carries vehicles:
- Carries refined petroleum products:

4. Name the following parts of the vessel: (14 points)

- | | |
|-----|------|
| 1.: | 8.: |
| 2.: | 9.: |
| 3.: | 10.: |
| 4.: | 11.: |
| 5.: | 12.: |
| 6.: | 13.: |
| 7.: | 14.: |



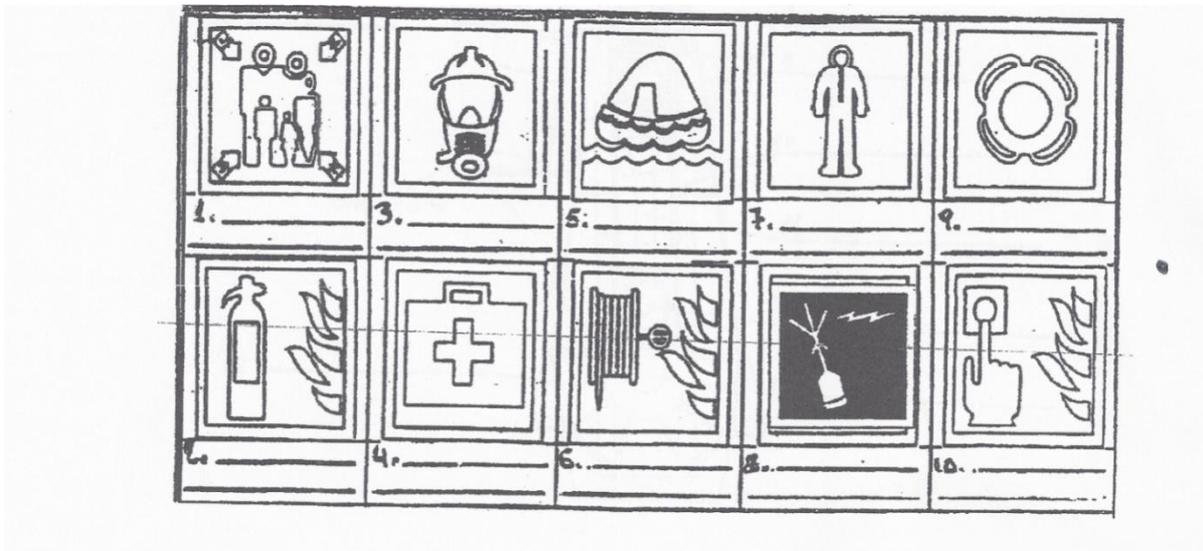
5. Complete the descriptions of the different facilities onboard. (10 p.)

*messroom, galley, laundry, lounge, cabins,
navigation bridge, hospital, gym, radio room, accommodation*

- In the _____ there are the living quarters and recreation rooms for the use of the crew and passengers.
- The Captain can navigate the vessel in the _____.
- You can watch T.V and relax together in the _____.

- You can get first aids and basic medical treatment in the _____.
- You can send VHF messages in the _____.
- You can have lunch in the _____.
- You can sleep in your _____.
- The kitchen on a vessel is called the _____.
- You can work out and keep fit in the _____.
- You can wash and dry your clothes in the _____.

6. Name the following life saving equipment. (15 points)



7. Find which of the following crew members are responsible for the following duties: (11 points)

Master, fitter, oiler, chief engineer, chief officer, wiper, bosun, 2nd engineer, 2nd officer, apprentice engineer

- Is traditionally the ship's navigational officer: _____
- Keeps the engine room crew overtime: _____
- Supervises the O/S and the A/B: _____
- Lubricates and greases parts of the machinery: _____
- Cuts and welds pipes: _____
- Cleans the engine room: _____
- Learns about bunkering: _____
- Is the representative of the company and responsible for the safety of the crew and the ship: _____
- Is the head of the deck department: _____
- Corrects and updates the charts: _____
- Is responsible for all machinery on board: _____

8. Name the parts in the following diagram of a 2-stroke diesel engine. (15 points)

