

MERCHANT MARINE ACADEMY OF MACEDONIA  
SCHOOL OF ENGINEERS

Academic year: 2011-2012

Semester: A

Instructor's name: Grigoroglou K.-Ploumistou A.

STUDENT'S FULL NAME:

A.G.M.:

Exam period: September

Duration: 2 hrs

**1.Circle the correct (10 points)**

1. I can't talk now. **I talk / I am talking** on the phone.
2. What shall we have? **Do you like / Are you liking** salmon?
3. At the moment **I have / I am having** a cup of chocolate.
4. **Do you wait / Are you waiting** for the bus?
5. She usually **gets up / is getting** up at 7.00
6. They **went / were going** on holiday three times last year.
7. Yesterday I **watched / was watching** TV when John came.
8. While I **came / was coming** home three months ago, I **found / was finding** a wallet.
9. Yesterday I **hear / heard** a lot of noise outside

**2. The following is the 2<sup>nd</sup> engineer's daily routine. Ask and answer (3) questions with what and (2) with where. In your answers say the time in the maritime way.(20 points)**

| <b>TIME</b>  | <b>ACTIVITY</b>                             | <b>PLACE</b>       |
|--------------|---|--------------------|
| <b>08:00</b> | <b>breakfast</b>                            | <b>Messroom</b>    |
| <b>09:00</b> | <b>go</b>                                   | <b>Engine room</b> |
| <b>10:30</b> | <b>check temperatures<br/>And pressures</b> | <b>Engine room</b> |
| <b>11:00</b> | <b>Coffee Break</b>                         | <b>Lounge</b>      |
| <b>13:00</b> | <b>Lunch</b>                                | <b>Messroom</b>    |
| <b>14:00</b> | <b>Talk to Chief Engineer</b>               | <b>Lounge</b>      |

- 1.
- 2.
- 3.
- 4.
- 5.

**3. Fill in the gaps with the correct word from the list below. ( 10 points)**

compartments    freeboard    holds    frames    ventilation    water-line    stem  
bulkhead    bow    after part

1. The fore part of the ship ends in the \_\_\_\_\_.
2. Electric fans provide forced \_\_\_\_\_.
3. The hull surface on the fore sides of the ship is called the \_\_\_\_\_.
4. The hull is divided into a number of watertight \_\_\_\_\_.
5. \_\_\_\_\_ is the height above the water-line of the upper-deck of the ship.
6. The wall of a compartment is called a \_\_\_\_\_.
7. \_\_\_\_\_ are part of the hull and are used to strengthen the structure of the ship.
8. We divide the ship into three parts: the fore part, the amid ship part and the \_\_\_\_\_.
9. The cargo space is divided into \_\_\_\_\_.
10. The \_\_\_\_\_ is the line of the water around the hull of the ship.

**4. Match the terms to their definitions below (20 points)**

1. to beach \_\_\_\_\_
2. air draught \_\_\_\_\_
3. to abandon vessel \_\_\_\_\_
4. bob-cat \_\_\_\_\_
5. to capsize \_\_\_\_\_
6. boarding speed \_\_\_\_\_
7. briefing \_\_\_\_\_
8. blast \_\_\_\_\_
9. backing (of wind) \_\_\_\_\_
10. adrift \_\_\_\_\_

- a) a mini-caterpillar with push-blade used for the careful distribution of loose goods in cargo holds of bulk carriers
- b) uncontrolled movement at sea under the influence of current, tide or wave
- c) the speed of the vessel adjusted to that of the pilot boat at which the pilot can safely embark/disembark
- d) the height from the waterline to the highest point of the vessel
- e) concise explanatory information to crew and passengers
- f) to run a vessel up on a beach to prevent its sinking in deep water
- g) to turn over
- h) a whistle signal made by the vessel

- i) shift of wind direction in an anticlockwise manner, for example from north to west
- j) to evacuate crew and passengers from a ship following a distress

**5. Choose the correct item (10 points)**

- 1. A dredger is a type of
  - a) passenger ship      b) special duty ship      c) dry cargo ship
- 2. The galley is part of the
  - a) catering department      b) engine department      c) deck department
- 3) A cruise ship is a type of
  - a) dry cargo ship      b) liquid cargo ship      c) passenger ship
- 4) A pumpman works in the
  - a) deck department      b) engine department      c) catering department
- 5) Which of the following is a type of special duty ship?
  - a) oil tanker      b) patrol boat      c) coaster
- 6) Which of the following is a type of liquid cargo ship?
  - a) LNG carrier      b) cruiser      c) bulk carrier
- 7) A boatswain works in the
  - a) deck department      b) engine department      c) radio department
- 8) Which of the following is a type of passenger ship?
  - a) bulk carrier      b) ferry      c) LNP carrier
- 9) Which of the following is a type of dry cargo ship?
  - a) container ship      b) ferry      c) chemical carrier
- 10) A steward works in the
  - a) deck department      b) engine department      c) catering department

**6. Write the names of ten tools (10 points)**

- 1.....
- 2.....
- 3.....
- 4.....
- 5.....
- 6.....
- 7.....
- 8.....

9.....

10.....

**7. Label the engine and its components (20 points)**