



**CINEC  
CAMPUS**  
Beyond A Graduate

CINEC CAMPUS (PVT) LTD  
Faculty of Maritime Sciences  
Department of Navigation

EDUCATION & TRAINING COURSE: PRE-SEA Training Program  
COURSE CODE: ND-125 - BATCH 182/183/184

*De C. J. C. Raktine*

## REPEAT EXAMINATION - QUESTION PAPER

- Answer all questions.
- Total Marks: 100(part 1 – 76 marks/ Part 2- 24 marks)

Date: 17.01.2024

Pass mark 50%

Time allocated: 03 Hours (Part 1 + Part2)

### PART 1

- Write down 5 bridge equipment and their purposes. (10 Marks)
  - Name 4 lifesaving appliances. (2 Marks)
- Write down the 3 main rope categories. (3 Marks)
  - Draw a mooring diagram of a vessel Made Fast alongside to pier and name all mooring Ropes (6 Marks)
- Write down 4 activities that you should carried out prior to the bunkering (4 marks)
  - List down 5 items you will find inside the fireman's outfit (5 Marks)
- Draw and Name the lights of a power driven vessel more than 50m in length as per following Aspects. (11 Marks)
    - Head view
    - Port side view
    - STBD side view
    - Astern view
- What are the 3 modes of steering (3 marks)
  - Write down 3 types of paint brushes use for painting (3 Marks)
  - List down 4 emergency situations that can occur on-board (2 Marks)
  - Write down 2 work permits that you should obtain on-board under the permit to work system (2 Marks)
- Draw and give the meaning of the following International Nautical Flags (15 Marks)
    - H
    - B
    - Q



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(ii) Name 4 lifesaving appliances. (2 Marks)
- (i) Write down the 3 main rope categories. (3 Marks)

(ii) Draw a mooring diagram of a vessel Made Fast alongside to pier and name all mooring Ropes (6 Marks)
- (i) Write down 4 activities that you should carried out prior to the bunkering (4 marks)

(ii) List down 5 items you will find inside the fireman's outfit (5 Marks)
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(i) Head view

(ii) Port side view

(iii) STBD side view

(iv) Astern view (11 Marks)
- (i) What are the 3 modes of steering (3 marks)

(ii) Write down 3 types of paint brushes use for painting (3 Marks)

(iii) List down 4 emergency situations that can occur on-board (2 Marks)

(v) Write down 2 work permits that you should obtain on-board under the permit to work system (2 Marks)
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(iii) Q



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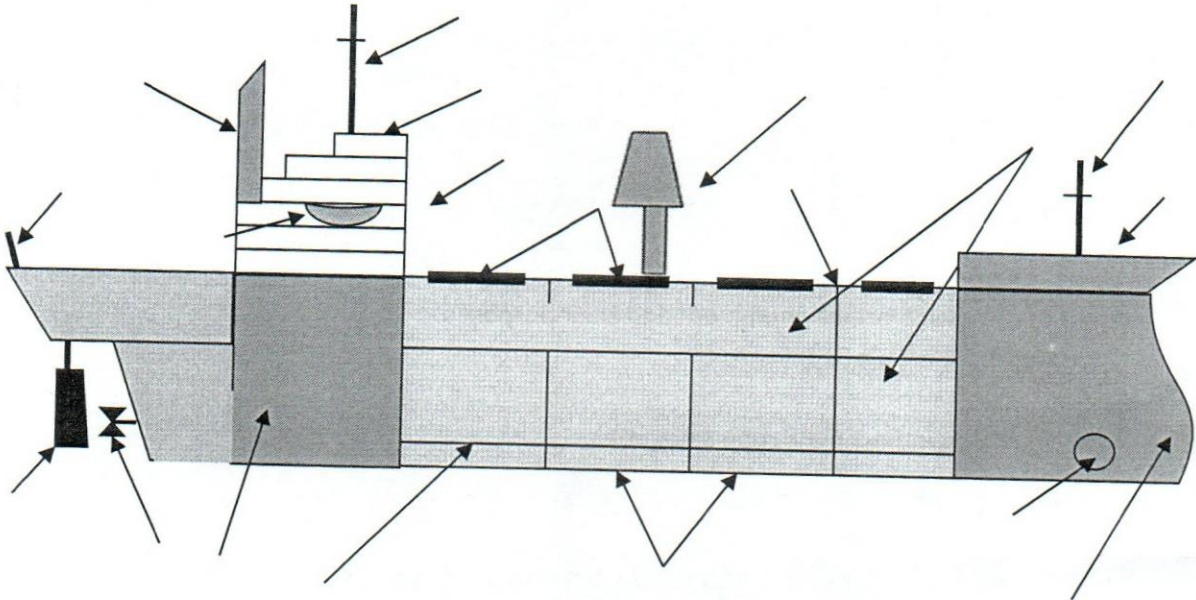
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7. Insert the relevant numbers of the following parts in the diagram and attach it with the answering sheets.

(10 Marks)



- |                    |                         |
|--------------------|-------------------------|
| 01. Funnel         | 11. Double bottom Tanks |
| 02. Aft Flag Staff | 12. Bulbous Bow         |
| 03. Rudder         | 13. Pontoon             |
| 04. Propeller      | 14. Accommodation       |
| 05. Life boat      | 15. Propeller           |
| 06. Bridge         | 16. Holds/Hatches       |
| 07. Aft Mast       | 17. Tank top            |
| 08. Forecastle     | 18. Main deck           |
| 09. Bow thruster   | 19. Fwd mast            |
| 10. Engine room    | 20. Crane               |





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**REPEAT EXAM: 17 Jan 2024**

TIME: 03Hrs (Part 1 + Part2)

Total Marks : 100(Part 1 – 76 marks/ Part 2- 24 marks)

**PART - 2**

**ANSWER ALL THE QUESTIONS**

**WRITE DOWN THE MOST SUTABLE ANSWER ON THE ANSWERING SHEET.**

(Total Marks 24) (02 Marks each question)

**MULTIPLE QUESTION PAPER**

- 1) A vessel Under way means
  - a) Not made fast to the Shore
  - b) Not at Anchor
  - c) Not Aground
  - d) All of the above
  
- 2) Distance from the Keel to the bottom of the Sea is called?
  - a) Freeboard
  - b) Under Keel Clearance
  - c) Draft
  - d) Tank
  
- 3) ECDIS has inputs by
  - a) GPS
  - b) ARPA
  - c) Echo Sounder
  - d) All of the above

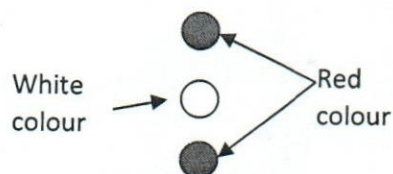
4) As per ILO and STCW requirements, the minimum Rest Hours needed in any 24-hour period is

- a) 9 Hours
- b) 12 Hours
- c) 10 Hours except in an Emergency
- d) 12 Hours except in an Emergency

5) In IMDG cargos dangerous gases are classified under

- a) class 3
- b) class 4
- c) class 2
- d) class 5

6) Identify the vessel, if she is displaying the following light signals during night time.



- a. A vessel engaged in fishing.
- b. A vessel at anchor.
- c. A vessel not under command.
- d. A vessel restricted in her ability to maneuver.

7) The minimum requirements to be competent enough to certify as Watch keeping Rating is Given in

- a) SOLAS
- b) STCW Code
- c) IMDG Code
- d) MARPOL

8) Hatch covers are secured by

- a) Base locks
- b) Twist Locks
- c) Cleats
- d) Chain Blocks

9) Stand on vessel in a Risk of Collision should

- a) Maintain Course and speed
- b) Keep out of the way
- c) Alter course to North
- d) Alter course to South

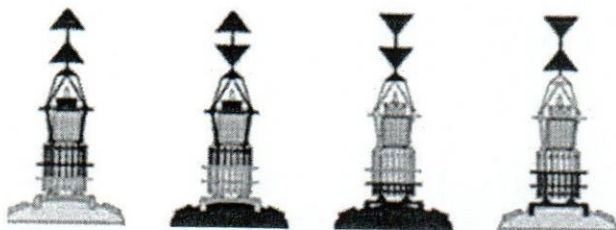
10) If assigned as helmsman what task does not apply for his duties?

- a) Must be able to understand and execute steering orders
- b) Must be familiar with the steering system (alarm, etc.) used on board
- c) Should know the proper procedures in changeover operation from manual steering to autopilot and vice versa, and non-follow up
- d) The helmsman shall be considered to be the look-out while steering

11) If any vessel is found between right ahead and one point on the port bow report as...

- a) There is vessel fine on the stbd bow Sir
- b) There is a vessel fine on the port bow Sir
- c) There is a ship one point on stbd bow sir
- d) There is ship one point on the Port bow sir

12) Identify East cardinal buoy



a)

b)

c)

d)