



**CINEC
CAMPUS**

Beyond A Graduate

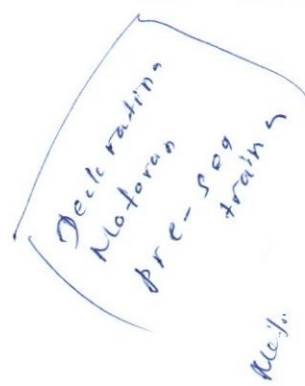
CINEC CAMPUS (PVT) LTD

Faculty of Maritime Sciences

Department of Navigation

EDUCATION & TRAINING COURSE: PRE-SEA Training Program

COURSE CODE: ND-125 - BATCH 185/186/187



FINAL EXAMINATION - QUESTION PAPER

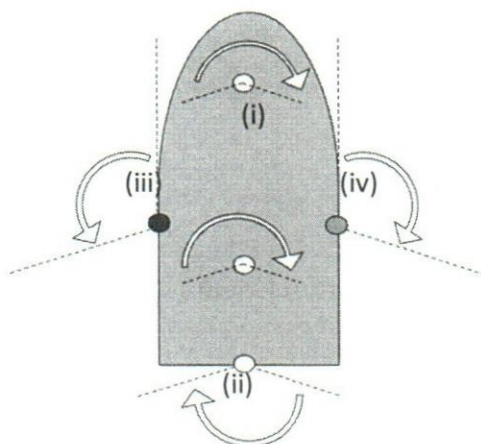
- Answer all questions.
- Total Marks : 100 (part 1 – 76 marks / Part 2- 24 marks)

Date: 27.MAR.2024 Pass mark 50% Time allocated: 03 Hours (Part 1 + Part2)

PART 1

- (i) State the General Emergency Alarm. (2 Mark)
 - (ii) What will be your immediate action once you hear the General Emergency alarm onboard? (1 Mark)
 - (iii) State 4 Emergency Situations that you can hear the General Emergency Alarm onboard. (2 Marks)
 - (iv) List down 4 Life saving appliances you will find onboard. (2 Marks)
 - (v) List down 4 Fire fighting appliances you will find onboard. (2 Marks)
 - (vi) Where do you find the Emergency Duties onboard? (1 Marks)
- (a) You are on lookout duty and your vessel's heading is 000° (T), draw and state the following reported objects in a diagram in relation to your vessel.
 - (i) There is a vessel fine on STBD bow.
 - (ii) There is a fishing boat on the bearing 270°(T).
 - (iii) There is a target 1 point forward of the STBD beam.
 - (iv) There is a White light in a direction of SW (South West) (4 Marks)

- (b) Vessel on hand steering and navigating in Suez Canal. You are on the wheel and the Next helmsman is standing next to you, ready to take over the wheel. State the procedure of Handing over and taking over the wheel. (8 Marks)
3. (i) Name 4 countries where IALA channel marking system (A) is used (region A) ? (2 Marks)
- (ii) Draw and state the Port and STBD side Lateral buoys separately with the color and the top mark in Region –“ B” as per the IALA Buoyage system (4 Marks)
- (iii) Draw and State the all Cardinal marks with color and the top mark (2 Marks)
4. (a) Define the following terms. (4 Marks)
- i) Draft ii) Lee side iii) Stand on vessel iv) Trim by head
- (b) Draw and state the meaning of the following International Nautical Flags (12 Marks)
- i) B ii) H iii) Q iv) O
5. (i) State 4 precautions to be observed while handling derricks and cranes. (4 Marks)
- (ii) List down 4 types of Hatch covers used onboard merchant vessels (2 Marks)
- (iii) State 4 types of containers that you will find on container vessels (4 Marks)
6. (a) State the following navigational lights with their colour and Arc of visibility (6 Marks)



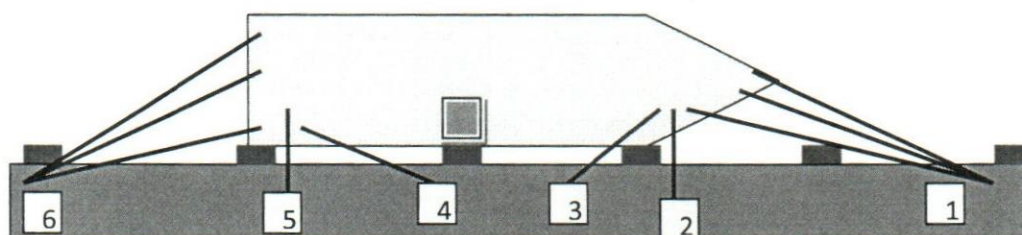
(b) Identify the Vessels as per their following Lights Signals.

(4 Marks)

- | | | | |
|-------------------------------|--------------------------------|---------------------------------|--------------------------------|
| (i) <input type="radio"/> RED | (ii) <input type="radio"/> RED | (iii) <input type="radio"/> RED | (iv) <input type="radio"/> RED |
| <input type="radio"/> RED | <input type="radio"/> WHITE | <input type="radio"/> RED | <input type="radio"/> WHITE |
| | | <input type="radio"/> RED | <input type="radio"/> RED |

7) (a) identify the following Mooring lines.

(6 Marks)



(b) State 4 safe mooring practices that you should follow while carrying out the Mooring operation.

(4 Marks)



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

EDUCATION & TRAINING COURSE: PRE-SEA Training Program
COURSE CODE: ND-125 - BATCH 185/186/187

PRE-SEA TRAINING COURSE FOR DECK RATING -FINALEXAM: 27 MAR 2024

TIME: 03Hrs (Part 1 + Part2) Total Marks: 100(Part 1 - 76 marks/ Part 2- 24 marks)

PART - 2

ANSWER ALL THE QUESTIONS

UNDERLINE OR SELECT THE MOST SUITABLE ANSWER.

MULTIPLE CHOICE QUESTION PAPER (Total Marks 24)(02 Marks for each question)

1. What type of Stopper is used on Wire Ropes?
 - a) Chain
 - b) Manila Ropes
 - c) Wire Ropes
 - d) Natural Fiber Ropes

2. What is the incorrect statement about the Hatch cover operation?
 - a) Always wear the correct protective clothing, boots and hard hats;
 - b) Never stand on a moving hatch cover;
 - c) Never stand on a hatch coaming when the hatch is opening/closing
 - d) Open or close a hatch cover without ensuring the coaming is clear

3. What is the height between Keel and the bottom of the Seabed is called?
 - a) Freeboard
 - b) Under Keel Clearance
 - c) Draft
 - d) Tank

4. A vessel Under way means
 - a) Not Made fast to the Shore
 - b) Not at Anchor
 - c) Not Aground
 - d) All of the above

5. 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

6. How many Security Levels in ISPS Code
 - a) 1
 - b) 2
 - c) 3
 - d) 4

7. In enclosed Spaces
 - a) Having a high amount of Oxygen Percentage
 - b) Having a less amount of Oxygen Percentage
 - c) Having a healthy atmosphere
 - d) None of the Above

8. In accordance with the IMDG code dangerous gases are classified under
 - a) class 3
 - b) class 4
 - c) class 2
 - d) class 5

9. What is SOPEP?
 - a) Shipboard Oil Pollution Emergency Plan
 - b) Ship operated pollution emergency prevention
 - c) Ship oil Pollution Emergency Purpose
 - d) None of the Above

10. Safe Water Mark buoy indicates the

- a) Danger Waters
- b) Navigable Waters
- c) Restricted Waters
- d) None of the Above

11. The purpose of a Bilge well is to

- a) Carry Fresh water
- b) Collect the water entered in to the Cargo hold
- c) Collect the water from the bridge Wing
- d) Collect the water from Rain for future use

12. What is MARPOL Annex V

- a) Pollution prevention by air
- b) Pollution prevention by sewage
- c) Pollution prevention by Garbage
- d) Pollution prevention by Oil