

INDIAN MARITIME UNIVERSITY
(A Central University Government of India)
END SEMESTER EXAMINATIONS- DECEMBER 2018
DIPLOMA IN NAUTICAL SCIENCE
SEMESTER - II
Emergencies, Maritime Communication and Maritime Commerce
(UD11T3206)

Date: 02-01-2019

Max. Marks: 70

Time: 02 hours

Pass Marks: 35

Note: Question no. 1 is compulsory.
Answer any 6 out of remaining 7 questions.
All Questions carry equal marks.

Q1. Pickup the correct answer and write in answer sheet. (10 x 1 = 10 Marks)

a) When the ship is alongside a wharf the safe access to the ship is by the

1. Combination ladder
2. Pilot ladder
3. Coolie ladder
4. Gangway

b) When the low pressure alarm sounds on the SCBA the user should

1. Close the air bottle valve
2. Remove the face mask
3. Monitor the pressure in the bottles.
4. Vacate the compartment immediately

c) When receiving LSA/FFA items onboard all items must be

1. Of approved type
2. Received in good packing
3. Open it and check contents against delivery order.
4. Cheaply available.

d) Abandoned ship is indicated by

1. Continuous ringing of ship's bell
2. Seven short and one long blast on ship's whistle
3. Master's verbal orders
4. Intermittent ringing of the ship's bell.

- e) One of the main duties of the Shipping Master includes.
1. Engagement and discharge of officers and ratings.
 2. Navigation of the ship
 3. Conducting marine surveys on the ship
 4. Inspection of Cargo holds.
- f) An emergency alarm is sounded when the ship
1. Has had a collision
 2. Navigating in heavy traffic
 3. Is altering course
 4. Is overtaking another ship.
- g) Life jackets have the following attached to it
1. Light and whistle
 2. Light, whistle and retro reflective tape
 3. Light and retro reflective tape
 4. Whistle and retro reflective tape
- h) The purpose of SOLAS to
1. How to launch life boat
 2. Advice ship officer on how to navigate their ship
 3. Enhance safety of life at sea
 4. How to conduct boat drills
- i) After abandon ship, the survivors in the life boat must be given
1. No water for the first twenty four hours
 2. One litre of water each for the first twenty four hours
 3. Two litres of water each for the first twenty four hours
 4. Three litres of water each for the first twenty four hours
- j) CDC stands for
1. Country Domicile Certificate
 2. Current Discharge Certificate
 3. Coastal Discharge Certificate
 4. Continuous Discharge Certificate

Q2. a.Explain the step by step procedure for Fire Drill of Engine Room fire.
b.List out all the types of Emergencies onboard ship.(2x5=10 Marks)

Q3. a.List all the FFA equipments carried onboard ship.
b.Explain the following Flag meanings.

1. A
2. G
3. B
4. O
5. P

(2 x 5 = 10 Marks)

Q4. a.State the importance of SOLAS Convention.
b.Define all the Sea areas as per GMDSS. (2 x 5 = 10 Marks)

Q5. a.Explain The Courtesy Flag and Quarantine Flag.
b.Write in brief about types of ports and list all the major ports in India? (2 x 5 = 10 Marks)

Q6. a.Explain all the types of Ensign.
b. With simple sketch show the location on a ship of a Jack staff, Foremast, Yardarm, Main Mast. (2 x 5 = 10 Marks)

Q7. a.Explain the relationship between the Ship Owner and the Charterer
b.Explain the relationship between the Shipper and the Stevedore (2 x 5 = 10 Marks)

Q8. a.Explain the use of Fall Preventer Device (FPD) on a lifeboat?
b.Explain the Recommended Procedures for launching "Free Fall Lifeboats". (2 x 5 = 10 Marks)
