

INDIAN MARITIME UNIVERSITY
(A Central University Government of India)
End Semester Examinations December 2019
DIPLOMA IN NAUTICAL SCIENCE
Semester-II
Emergencies, Maritime Communication & Commercial Shipping Knowledge
(UD11T4206)

Date: 14.12.2019

Max Marks: 70

Time: 2 hrs

Pass Marks: 35

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

Q1. Write if True or False (10 x 1 = 10 Marks)

- a) Abandon ship drills must be conducted every week
- b) Operation of emergency bilge pump is an essential task for each drill
- c) While donning breathing apparatus it is essential to test low pressure alarm
- d) Free fall Lifeboat has Fall preventer device (FPD)
- e) SOLAS deals with ILO conventions
- f) Port State Control (PSC) can detain ship for deficiencies
- g) Flag hooks are parts of ship's flags
- h) Inland ports do not have sea boundary
- i) Ship-owner employs agents for handling his affairs in the port
- j) IMO means "Indian Maritime Organization"

Q2. (2 x 5 = 10 Marks)

- a. Explain use of a Drill planner
- b. List tasks to be carried out during an emergency drill

Q3. (2 x 5 = 10 Marks)

- a. Explain monthly maintenance to be carried out on FFA equipment
- b. Write single letter signals (Meaning) for the following flags

- 1. A
- 2. K
- 3. M
- 4. V
- 5. Z

Q4. (2 x 5 = 10 Marks)

- a. What is a Flag State Inspection (FSI)?
- b. Write contents of a "Safety" message

Q5. (2 x 5 = 10 Marks)

- a. Explain proper procedure to use a VHF set
- b. Write a note on Harbour

Q6. (2 x 5 = 10 Marks)

- a. Locate following on a ship and list flags flown from them
 1. Foremast
 2. Mainmast
- b. Write Morse code for the following
 1. B
 2. D
 3. L
 4. O
 5. W

Q7. (2 x 5 = 10 Marks)

- a. Explain relationship between Ship-owner and agents
- b. Explain relationship between Shipper and Broker

Q8. (2 x 5 = 10 Marks)

- a. Describe launching procedure of free fall Life-boats
- b. What is a "Fall preventer device" (FPD)?
