

**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)**

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Date: 14.12.2019

Max Marks: 70

Time: 2 hrs

Pass Marks: 35

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**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)?

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