

**INDIAN MARITIME UNIVERSITY**  
(A Central University, Government of India)  
End Semester Examinations Dec 2019  
**DIPLOMA IN NAUTICAL SCIENCE (DNS)**

**Semester : II**

**UD11T3206 - Emergencies, Maritime Communication & Commercial shipping  
knowledge**

**Date: 14-12-19**

**Max Marks: 70**

**Time: 2 Hrs**

**Pass Marks: 35**

**Part – A: EMERGENCIES**

**(Question No.1 is Compulsory. Answer any 6 out of remaining Questions)**

- 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"
- Q 2. (5 x 2 = 10 Marks)
- a. Explain use of Drill Planner
  - b. List tasks to be carried out during an emergency drill
- Q3. (2x5 = 10 Marks)
- a. List weekly inspection and testing to be carried out on survival crafts
  - b. What is a Flag State Inspection (FSI)?
- Q4. (2x5 = 10 Marks)
- a. List GMDSS Sea Areas
  - b. What is INMARSAT system?
- Q5. (2x5 = 10 Marks)
- a. Write contents of a "Safety" message
  - b. Explain proper procedure to use a Walkie-Talkie
- Q6. (2x5 = 10 Marks)
- a. What is IAMSAR manual?
  - b. Explain Expanding square search pattern
- Q7. (2x5 = 10 Marks)
- a. What is a ship reporting system?
  - b. What position reports are required for Ship reporting system?
- Q8. (2x5 = 10 Marks)
- a. What is Liner service?
  - b. What is Tramping service?
- Q9. Write short notes (5x2 = 10 Marks)
- a. Bill of Lading
  - b. Mates Receipt
  - c. Role of Stevedores
  - d. Shipping agent
  - e. Ship Chandler

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