

Indian Maritime University

(A Central University, Govt of India)

End Semester Examinations – December 2022

Programme Name: DNS

Semester: Two

Subject Code: UD11T5206

Subject Name: Emergencies, Maritime Communication and Commercial Shipping Knowledge

Date: 19.12.2022

Max Marks: 70

Duration: 02 Hours

Pass Marks: 35

General Instructions

- (i) All Sections (A, B & C) are to be attempted.
- (ii) Options, if any, are specified in respective section.
- (iii) Scientific Calculator is permitted.
- (iv) (Norrie's Table, Nautical Almanac, Hindship Hyd. Particulars, Weather coding booklet, Tide Tables, permitted as per the subject concerned)
- (v) (World Map, Tidal curve, Radar Plotting sheets, Charts, Illumination range curve chart will be supplied by the Examination Centre)

Section A

Objective questions answer True or False (Marks 1 x 10 = 10)

1. Abandon ship drills must be conducted every week
2. Operation of emergency bilge pump is an essential task for each drill
3. While donning breathing apparatus it is essential to test low pressure alarm
4. Free fall Lifeboat has Fall preventer device (FPD)
5. SOLAS deals with ILO conventions
6. Port State Control (PSC) can detain ship for deficiencies
7. Flag hooks are parts of ship's flags

8. Inland ports do not have sea boundary
9. Ship-owner employs agents for handling his affairs in the port
10. IMO means "Indian Maritime Organization"

Section B

(Marks 5 x 2 = 10)

11. What are statutory requirements for Abandon ship drills?
12. What is CABA and where it is used?
13. What is "International code of signals"?
14. Explain the relationship between a Harbour, Ports, Terminals and berths.
15. Explain role of a ship agent?

Section C

Answer five out of seven questions. (10 Marks Each)

16.
 - a. Explain use of a Drill planner
 - b. List essential tasks to be carried out during an emergency drill
17.
 - a. Explain monthly maintenance to be carried out on FFA equipment
 - b. What is a Flag State Inspection (FSI)?
18.
 - a. Describe launching procedure of free fall Life-boats
 - b. What is a "Fall preventer device" (FPD)?
19.
 - a. Write single letter signals (Meaning) for the following flags
 1. A
 2. K
 3. M
 4. V
 5. Z
 - b. What is the format of a Distress message?

20.
 - a. Write a note on Harbour
 - b. Explain functions of IMO

21.
 - a. Draw the following flags
 1. B
 2. D
 3. H
 4. P
 5. Q
 - b. Locate following on a ship and list flags flown from them

22.
 - a. Explain relationship between Ship-owner and agents
 - b. Explain relationship between Shipper and Broker.

Tolani

