

Indian Maritime University
(A Central University, Govt of India)
End Semester Examinations – June 2023

Programme Name: DNS

Semester: II

Subject Code: UD11T5206

**Subject Name: Emergencies, Maritime Communication
and Commercial Shipping Knowledge**

| | |
|------------------|----------------|
| Date: 29.05.2023 | Max Marks: 70 |
| Duration: 03 Hrs | Pass Marks: 35 |

General Instructions

- (i) All Sections (A, B & C) are to be attempted.
- (ii) Options, if any, are specified in respective section.

QP setters to specify the following as applicable:-

- (iii) Tables (Steam/Log/Nautical Almanac etc) that can be used.
- (iv) Chart Work Booklets to be used.
- (v) Any other tables/charts to be used.

Section A

Objective questions; Fill in the blank, objective types and True or False: (Marks 1 x 10 = 10)

- Q1. Fly is the length of the flag, measured from the staff to the flag's outside edge. (T/F)
- Q2. Operation of emergency bilge pump is an essential task for each drill (T/F)
- Q3. External DSC Test Call is made on monthly basis. (T/F)
- Q4. SOLAS deals with ILO conventions. (T/F)
- Q5. How many line throwing apparatus (LTA) are there on bridge.
a) Two - 2 b) Three - 3 c) Four - 4 d) Five - 5
- Q6. BIMCO stands for _____
- Q7. Ship-owner employs _____ for handling ships affairs in the port.
- Q8. For the purpose of GMDSS, area that lies between 70 N to North Pole is called _____.
- Q9. A light cotton or woollen cloth used for making flags _____.
- Q10. ILO stands for _____.

Section B

Short Questions:

(Marks 2 x 5 = 10 Marks)

Q11. Write a short note on EPIRB.

Q12. Differentiate between Liner and Tramp trade.

Q13. Write the meaning of the following:

A. Tack line

B. Halyard

Q14. Describe shipboard Emergency preparedness?

Q15. What are statutory requirements for Abandon ship drills?

Section C

Seven Questions of 10 Marks each of which any 05 questions to be answered.

16. a. Explain use of a Drill planner.

b. List essential tasks to be carried out during an emergency drill.

Q17. Draw the following flags and explain their meanings:

a) A

b) Q

c) U

d) Y

Q18. Explain the abbreviation and purpose of the following:

a) IMO

b) ILO

c) IACS

d) OCIMF

Q19. a) Define Sea Area A1, A2 and A3 as per GMDSS?

b) Explain relationship between Shipper and Broker

Q20. Explain the procedure for launching a Life-raft by;

- a) Manual launching of life-raft.
- b) Automatic launching of life-raft (float-free).

Q21. What is a "Fall Preventer device" (FPD)? Explain the use of Fall Preventer Device (FPD) on a lifeboat?

Q22. a) Write a note on types of ports.

- b) List all the FFA equipment carried on board ship.

Tolani

