

Indian Maritime University
(A Central University, Govt of India)

End Semester Examinations – December 2023

Programme Name: DNS

Semester: Two

Subject Code: UD11T5206

Subject Name: Emergencies, Maritime Communication and Commercial Shipping Knowledge

Date: 18.12.2023

Max Marks: 70

Duration: 03 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,

Section A

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)

Fill in the Blanks

5. There are ----- numbers of orange smoke floats provided in the Lifeboat.
6. ----- is used for the automatic release of Life Raft in case the vessel sinks.
7. The full form of SIGTTO is _____
8. An urgency message starts with a prefix _____ on radio telephony.
9. GMDSS involves _____ as well as _____ Communications systems.
10. _____ is used to escape from a room on fire or filled with smoke.

Section B

(Marks 2 x 5 = 10)

11. Write a short note on EPIRB.?
12. What is CABA and where it is used?
13. What is "International code of signals"?
14. Describe Bare Boat Charter.
15. Explain role of a ship Port state control?

Section C

Answer five out of seven questions.

16. **(5 x 2 = 10 marks)**
- a. State the importance of the 1978 STCW convention.
 - b. State at least five statutory requirements that should be included in an 'Abandon ship' drill.
17. **(5 x 2 = 10 marks)**
- a. Explain monthly maintenance to be carried out on FFA equipment
 - b. What is a Flag State Inspection (FSI)?
18. **(5 x 2 = 10 marks)**
- a. Describe launching procedure of free fall Life-boats
 - b. What is a "Fall preventer device" (FPD)?
19. **(5 x 2 = 10 marks)**
- a. Write Morse Code and Meaning of following Flags,
A, K, M, V, Z
 - b. What is the format of a Distress message?
20. **(5 x 2 = 10 marks)**
- a. Write a note on Harbour
 - b. Write down names of any 5 Chapters of SOLAS.
21. **(5 x 2 = 10 marks)**
- a. Write a short note on 'Articles of Agreement'. What is the role of a Shipping Master.
 - b. Explain relationship between Ship-owner and agents
22. Describe in the following in two to three sentences: **(10 Marks)**
IMO, ICS, IACS, OCIMF & ISGOTT.