

INDIAN MARITIME UNIVERSITY
(A Central University, Government of India)

Diploma in Nautical Science

Semester II

Emergencies, Maritime Communication and Maritime Commerce

Subject Code: UD11T5206

Max Marks : 70

Date :27.06.2022

Pass Marks: 35

Time: 2 hours

PART- A

Q1. Fill in the blanks.

(1 x 10 = 10 Marks)

- a) All ships must carry at least _____ Fireman outfit.
- b) Fire involving paper or cloth are classified as Class _____ fires.
- c) While escaping in smoky and toxic gaseous environment the equipment used is called _____.
- d) Equipment which allows life raft to float free when the ship sinks is called _____.
- e) Steering Gear must be tested _____ hours before the departure.
- f) When sending message using morse code proportion between Dot and dash is _____.
- g) For the purpose of GMDSS, area that lies between 70 N to North Pole is called _____.
- h) Full form of MMSI is _____.
- i) Chapter 3 of SOLAS deals with _____.
- j) Full form of OCIMF is _____.

PART- B

Q2.

(2 x 5= 10 Marks)

- a) What is the difference between Liner and Tramp Trade?
- b) What do you understand by DSC in GMDSS?
- c) What do you understand by terms Halyard and Tackline?
- d) As per SOLAS what is the frequency of conducting Abandon Ship Drill on board ship?
- e) What are the sides of Fire Tetrahedron?

PART- C Answer any 5 out of 7 Questions. (5x10 Marks)

Q3. (2x5=10 Marks)

- a) Write essential tasks as per SOLAS, to be conducted during Fire Drill.
- b) Write down steps in donning and checking the SCBA.

Q4. (2x5=10 Marks)

- a) What all preparation you should do before you proceed to life boat or life raft station for launching.
- b) Write down steps in launching totally enclosed life boat other than free fall life boat.

Q5. (2x5=10 Marks)

- a) With the help of a diagram explain working of Foam type portable Fire Extinguisher.
- b) What is the purpose of Load Line Convention?

Q6. (2x5=10 Marks)

- a) List the purpose of ISM.
- b) List 10 equipment which must be available in the Life Raft.

Q7. (2x5=10 Marks)

- a) State the meanings of following flags.
 - i) B
 - ii) E
 - iii) H
 - iv) Q
 - v) O
- b) Explain Role of shipping Master.

Q8. (2x5=10 Marks)

- a) List GMDSS equipment required in a vessel above 500 GRT proceeding to Sea Area 3.
- b) Define Articles of Agreement for employment of seafarers.

Q9. (2x5=10 Marks)

- a) What is format of Distress Call and Message using radio telephony
- b) Very briefly, state functions of: - IMO, ILO, ISF, WHO.

-----End of question paper-----