

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

Sep/Oct'25 SE

Programme Name: B Tech (Marine Engineering)

Semester: VII

Subject Code: UG11T4704

Subject Name: Maritime Law and Ship's Business

Date: 28.10.2025

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.

Section A

Ten MCQs/Fill in the Blanks of 01 Mark each – Choose the correct answer as applicable.

1. Which of the following load line is deepest?
 - (a) Tropical
 - (b) Summer
 - (c) Winter North Atlantic
 - (d) Tropical FW

2. The enclosed water to land ratio for an archipelagic state must be between _____.
 - (a) 1:1 and 1:9
 - (b) 1:1 and 9:1
 - (c) 5:1 and 10:1
 - (d) 1:5 and 1:10

3. Which Marine Insurance principle establishes that the insured must be covered for a damage to the extent of compensation and not to the extent of making a profit out of it?
 - (a) Subrogation
 - (b) Reinsurance
 - (c) Indemnity
 - (d) Insurable Interest

4. Maximum concentration of toxic gases to which a human can be exposed to work daily without having any adverse effect on health is called _____.
 - (a) TWA-TLV

- (b) LEL
 - (c) STEL-TLV
 - (d) HFL
5. What is standard thickness of lines drawn at the ship's hull to mark load lines ?
- (a) 15 mm
 - (b) 20 mm
 - (c) 25 mm
 - (d) 30 mm
6. Which of the following alarms is silent on-board?
- (a) SOPEP
 - (b) UMS
 - (c) MOB
 - (d) SSAS
7. All seafarers must be vaccinated for following before joining ship:
- a) Yellow Fever
 - b) Heart Attack
 - c) Liver Damage
 - d) All of above
8. Contiguous Zone of a coastal state may extend seaward from the territorial sea to up to _____.
- (a) 12 NM
 - (b) 24 NM
 - (c) 200 NM
 - (d) 350 NM
9. A fire protected Lifeboat when waterborne can withstand oil fire for a period not less than _____.
- (a) 6 minutes
 - (b) 8 minutes
 - (c) 10 minutes
 - (d) 15 minutes
10. Following Survey is not a part of SOLAS requirement:
- a) IOPP Survey
 - b) Radio Survey
 - c) LSA Survey
 - d) Hull and Machinery Survey

Section B

Five Questions of 02 Marks each

Q11) Explain the role of IMO

Q12) List Life Saving Appliances found on-board ship

Q13) What is the role of Safety Committee onboard?

Q14) What is Bareboat Chartering?

Q15) What is CIC initiative of PSC?

Section C

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

Q16a) With reference to UNCLOS, explain Territorial Sea and Innocent Passage (5)

b) Explain the checks carried out while conducting Load line survey. (5)

Q17a) Describe about Standard Fire Test and A-60 Bulkhead (4)

b) Explain about Muster List and its constituents (3)

c) Write full form and explain to which type of cargoes they are applied. "IMDG code, IBC Code and IGC Code" (3)

Q18a) Describe the features of Enclosed Space Entry Permit used onboard the ship (6)

b) Explain the Hazards associated with Cold Weather and list the precautions taken (4)

Q19a) Explain the role of Ship Security Officer and Company Security Officer as per ISPS Code (5)

b) What is Classification and explain role of Classification Society (5)

Q20a) Explain rules regarding Minimum Age of Seafarer and Medical Fitness Certificate as given in MLC (6)

b) Describe features of International Medical Guide for Ships (4)

Q21a) What is Salvage? explain features of LOF (4)

b) Describe features of Fund Convention (3)

c) Explain the need of London Dumping Convention (3)

Q22a) Explain Principle of Utmost Good Faith as followed in Marine Insurance (4)

b) List the perils covered by P&I clubs (3)

c) Explain General Average (3)