

**Indian Maritime University**  
**(A Central University, Govt of India)**  
**End Semester Examinations – December 2022**  
**Programme Name: B Tech (ME)**  
**Semester: VII**  
**Subject Code: UG11T3701**  
**Subject Name: SHIP OPERATION & MANAGEMENT**

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Date: 13.12.2022

Max Marks: 70

Duration: 03 Hrs

Pass Marks: 35

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General Instructions

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

**Section A**

Choose the correct answer: (10 X 1 = 10 Marks)

- Q. 1 The agency responsible for the entire carriage of goods in International Multimodal Transportation is known as
  - A – Carrier
  - B – MTO
  - C – Shipper
  - D – Freight forwarder
  
- Q. 2 A Liner ship usually carries
  - A – Variety of cargo
  - B – Simple uniform cargo
  - C – Bulk cargo
  - D – Containers
  
- Q. 3 The most influencing factor for freight determination is
  - A – Competition
  - B – Govt policies
  - C – Type of cargo
  - D – Market economy
  
- Q. 4 A term used by Classification Society, which implies that specific measures, repairs, modifications, surveys etc, as indicated, are to be carried out within the specified time limit is called
  - A – Condition of class
  - B – Memorandum of Class
  - C – Non-conformity
  - D – Objection by class

- Q. 5 Nature of market transaction in a Spot Fixture is  
A - Secret  
B - Close  
C - Open  
D - Cargo owner regulated
- Q. 6 While carrying out voyage estimation it is necessary to consider  
A - Master's opinion  
B - Time in port  
C - Crew nationality  
D - Charterer's recommendation
- Q. 7 Who is the legal owner of a ship? A  
A - Ship owner  
B - Agent  
C - Ship management company  
D - Ship broker
- Q. 8 The volume required to stow a given weight of cargo on board a ship is called  
A - Net tonnage  
B - Cargo hold capacity  
C - Stowage factor  
D - Cargo factor
- Q. 9 Which department in a shipping company liaises with class and administration to arrange surveys?  
A - Operation  
B - Crewing  
C - Administration  
D - Technical
- Q. 10 Freight for booking partial or full capacity of the ship is called  
A - Back freight  
B - Lumpsum freight  
C - Ad-valorem freight  
D - Dead freight

**Section B**

Five Questions of 02 Marks each

(5 X 2 = 10 Marks)

- Q. 11 What is Tramp Shipping Service?
- Q. 12 What is the meaning of "Stowage Factor of Cargo"?
- Q. 13 What is "Sister Ship" clause in marine insurance?

Q. 14 What is containerisation?

Q. 15 What is "Bunker Clause" in a charter party?

### Section C

**Seven Questions of 10 Marks each out of which any 05 questions to be answered. (5 X 10 = 50 Marks)**

Q. 16

(a) What is chartering? Describe various types of charters. (7 Marks)

(b) What is "Seaworthiness"? (3 Marks)

Q. 17

(a) Explain the categories of costs associated with running of ships (6 Marks)

(b) State the circumstances under which a Note Protest can be lodged under COGSA (4 Marks)

Q. 18

(a) What is a Ship Management Company? (5 Marks)

(b) Write short notes on P & I Club (5 Marks)

Q. 19

(a) What measures can be taken to counteract unbalance in sea trade? (4 Marks)

(b) What are the duties of a Master of a ship with regard to provision of assistance in case of a collision? (3 Marks)

(c) What do you understand by "Maritime Fraud"? (3 Marks)

Q. 20

(a) What is Freight and state the factors on which freight depends. (6 Marks)

(b) State the principles of Safe Manning (4 Marks)

Q. 21

(a) Explain the Law of General Average (5 Marks)

(b) Write short notes on National Maritime Board (5 Marks)

Q. 22

(a) List out any ten statutory certificates to be carried on board by ships. (5 Marks)

(b) Explain what "Flag of Convenience" is (5 Marks)

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**End of Question Paper**

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