

**Indian Maritime University**  
**(A Central University, Govt of India)**  
**End Semester Examinations – December 2022**  
**Programme Name: B Tech (ME)**

Semester: VII  
Subject Code: UG11E3706

**Subject Name: Transport and Logistic Management**

Date: 20.12.2022	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. According to Maslow's Hierarchy of Needs, food, water, warmth, Sleep are a part of which need?
  - a. Safety
  - b. Physiological
  - c. Self actualisation
  - d. Esteem
2. Which of the following is not a part of Hofstede's cultural dimensions?
  - a. Power distance
  - b. Individualism Vs Collectivism
  - c. Paradoxicality
  - d. Femininity Vs Masculinity
3. Given the price, if the cost of production increases because of higher price of raw materials, the supply
  - a. Decreases
  - b. Increases
  - c. Remain same
  - d. None of the above
4. Which of these is not a controllable factor in port operations?
  - a. Vessel arrival time
  - b. Waiting time
  - c. Service time
  - d. Dwell time
5. Pricing structures in international transportation are generally based on
  - a. Cost-of-service: "cost plus" method
  - b. Value-of-service method
  - c. "market based" a middle of the road approach using cost (minimum) and value (maximum) method
  - d. Arbitrarily, not based on any particular method
6. TOFC is the same as \_\_\_\_\_
  - a. Piggyback
  - b. Total fleet control
  - c. Tri-optic fibre carrier
  - d. None of the above
7. Which one of the following is a non probability sampling method?
  - a. Simple random sampling
  - b. Stratified sampling
  - c. Cluster sampling
  - d. Quota sampling
8. Which one of the following steps is not a part of strategy management process?
  - a. Market analysis
  - b. Strategy Formulation
  - c. Strategy Implementation, evaluation and control
  - d. None of the above
9. Singapore is a \_\_\_\_\_ port, whereas Shanghai is a \_\_\_\_\_ port.
  - a. Hub and Gateway respectively
  - b. Gateway and Hub respectively
  - c. River and sea ports respectively
  - d. Container and bulk ports respectively
10. Odessa is a port in the \_\_\_\_\_
  - a. Black Sea
  - b. Red Sea
  - c. Caspian sea
  - d. Mediterranean sea

**Section B**

Five Questions of 02 Marks each

11. Mention any three reasons for interpersonal conflict.
12. Explain the difference between positive and normative economics.
13. Operationally, distinguish between RORO and LASH.
14. Distinguish between strategy and tactics.
15. What is transmodalism in maritime liner shipping?

**Section C**

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

16. Discuss the JOHARI window as a tool to improve interpersonal communication along with its limitations. (8+2)
17. From your perspective, suggest steps to create an inspirational work environment on board ship.
18. What is demand? If you are a ship manufacturer, explain various factors determining demand for buying ships. (2+8)
19. Briefly discuss the economic and operational factors that affect the choice of the mode of transport.
20. What are hub and-spoke structures? What are the main advantages and the potential disadvantages of hubs in a hub and-spoke structure?
21. Define research. Discuss the importance of review of literature in research. Explain any three ethical issues in research. (2+4+4)
22. Explain the importance of economic activity and availability of operational infrastructure in the hinterland for a gateway port.

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