

Indian Maritime University
(A Central University, Govt of India)
End Semester Examinations – June 2025
Programme Name: BBA (Maritime Logistics)
Semester: II
Subject Code: UG32T1205

Subject Name: Port and Terminal Management

Date: 09.06.2025

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. _____ move between a hub port and spoke port to bring smaller volumes of cargo that is unloaded at the hub port.
 - a. Tugs boats
 - b. Feeder vessels
 - c. Ferry vessels
 - d. Country boats
2. The interior dimension of a standard 20 feet container is...
 - a. 19' 4" long X 7'9" wide X 7'10" high
 - b. 20' long X 8' wide X 8'6" high
 - c. 18'6" long X 7'8" wide X 7'8" high
 - d. 20' long X 7'8" wide X 7' high
3. _____ gives an idea of the volume requirement for storage of cargo in the hold of a ship.
 - a. Stowage
 - b. Holds
 - c. Stowage factor
 - d. Stacking
4. If the stow position of a container on board a ship is 16112, it represents that
 - a. a 40 feet container is placed at Bay 16, Row 11 and Tier 12
 - b. a 20 feet container is placed at Bay 16, Row 11 and Tier 12
 - c. a 40 feet container is place at Row 16, Bay 11 and Tier 12

- d. a 20 feet container is place at Row 16, Bay 11 and Tier 12
5. Which of the following does not fall under general logistics service offered by ports?
- a. Warehousing facilities
 - b. Storage service
 - c. Distribution centres
 - d. Assembling
6. _____ take the entire responsibility of landing, carting of cargo from berth to yard, storing and delivering the consignment of the import cargo.
- a. Shore handling agents
 - b. Stevedoring
 - c. Customs house agents
 - d. Ship broker
7. The time slot reserved for a particular ship service at the berth is called _____.
- a. Reserve Time
 - b. Window for berthing
 - c. Berth hire
 - d. Berth occupancy
8. Which of the following is not a step taken by port to increase ship berth-day output?
- a. Increase size of grab
 - b. Reduce non-working time per shift
 - c. Increase number of cycles per hour
 - d. Increase working time per shift
9. Which of the following is not a pricing strategy at ports?
- a. Cost-based pricing
 - b. Average cost pricing
 - c. Marginal cost pricing
 - d. Fixed cost pricing
10. Competitiveness of port is generally depended on all of the following factors, but not...
- a. Cost
 - b. Service
 - c. Ownership
 - d. Connectivity

Section B

Five Questions of 02 Marks each

11. What is approach channel?
12. What are the 5 key instrument of IMO?
13. Write about three value added facilities at a container terminal/port?
14. List the factors that determine the 'output per berth-day' at bulk berths.
15. List the four characteristics of PPP in ports?

Section C

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

16. What are the administrative functions of a port? Write about the classifications of ports based on their functions?

17. Discuss the physical infrastructure that is required at the land side of a port.

18. Explain the concept of cyber security, its impact and the measures to be taken by ports to counter them.

19. Discuss the provisions of ISPS code.

20. What is dredging? Explain the dredging types along with types of dredging machines?

21. What is Dwell time for cargo and/or container? What are the factors that contributing to high dwell time for cargo/container at port?

22. Explain the concept of port pricing and its objectives? What are the tariffs applicable to vessel owners and cargo owners at a port?
