

INDIAN MARITIME UNIVERSITY
(A Central University, Govt of India)
End Semester Examinations – June 2023

Programme: MBA (PSM/ITLM)

Semester: II

Subject Code: PG21/PG22T3203

Subject: PORT AND SHIPPING MANAGEMENT

Date: 29.05.2023

Max Marks: 60

Duration: 03 Hours

Pass Marks: 30

General Instructions

All Sections (A, B & C) are to be attempted.
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. A 'geared' bulk carrier is one that _____
 - a. Has huge gears driving the screws instead of shafts
 - b. Has its own on-board cranes for loading and unloading
 - c. Uses a gear mechanism to turn the propeller instead of a shaft
 - d. None of these

2. A STCW is an acronym for
 - a. Shipboard training and certificate for watch keeping
 - b. Systematic training and certificate of watch keeping
 - c. Standards of Training, Certification and Watch keeping
 - d. Shore training for Certifying Watch keepers

3. Port Charge is a part of _____.
 - a. Repair and maintenance cost
 - b. Insurance cost
 - c. Crew management cost
 - d. Voyage cost

4. Ship's "Official number" is assigned by:
 - a. Classification society
 - b. Flag state
 - c. Port state control
 - d. Owner of the vessel

5. Ports that are linked to a major river are known as?
 - a. Mainland ports
 - b. Sea ports
 - c. Natural Harbour
 - d. Artificial Harbour

6. Stevedores are appointed by....
- a. Shipper
 - b. Consignee
 - c. Shipping Companies
 - d. Shipping Agent
7. The term 'Ullage' means:
- a. The depth of space above the liquid in a tank
 - b. The depth of liquid in a tank
 - c. The depth of a tank containing liquid
 - d. None of the above.
8. Which of the following systems of yard handling of containers in a port terminal yields maximum stack density?
- a. Reachstacker - Tractor-trailer combination
 - b. Straddle Carrier - Tractor-trailer combination
 - c. Toplift Truck - Tractor-trailer combination
 - d. Rubber-tyred Gantry Crane - Tractor-trailer combination
9. The word 'No Trim' means a ship _____ . :
- a. Requires trimming of dry bulk cargo inside its hold
 - b. Is in even keel and doesn't require trimming
 - c. Is listed and ballast adjustment is required
 - d. None of the above
10. The free board of a ship is the part of the ship that
- a. Height of the hull from the water line
 - b. Passengers boarding the ship free of charge
 - c. Cargo carried free without any freight
 - d. Ship is free of any diseases and is free to enter port

Section B

Five Questions of 02 Marks each

11. How does the Traffic Manager of a Maritime Port perform the duties and responsibilities?
12. How important is a shipping agent to the success of a seaport?
13. Briefly describe any four (4) reasons to justify the statement - Maritime transportation is generally preferred by the trade compared to any other mode of transport of cargo.
14. What is the difference between liner shipping and tramp shipping?
15. Write down a short note on the concept of Green Port Initiative.

Section C

Seven Questions of 08 Marks each of which any 05 questions to be answered.

16. What is "Load Line" mark on a ship? Explain the significance of this load-line?
(3+5)
17. Define Ship management. Name at least ten services that a ship management company provides.
(1+7)
18. Various performance indicators are used to measure the port's performance. How are they used to measure the port's performance?
(4+4)
19. Discuss the role of development of ICDs and CFSs in India for enhancing growth of container trade through Indian Ports.
(8)
20. What are some of the key risks associated with shipping, and how can ship managers prepare for and mitigate these risks?
(4+4)
21. The Port industry is known for existence of numerous competitors. Explain the role played by these competitors?
(2+6)
22. Write a brief note on Sagarmala Project as envisaged by the Government of India. Discuss how Port Performance Indicators such as average TRT, Average Idle Time at Berth, Average Berth-day Output and Average Productivity per hour of a port can be used for Port marketing.
(4+4)
