

Indian Maritime University
(A Central University, Govt of India)
End Semester Examinations – December 2022
Programme Name: MBA (ITL/PSM)
Semester: III
Subject Code: PG21T2302/PG22T2302
Subject Name: Elements of Port Management

Date: 20.12.2022

Max Marks: 60

Duration: 03 Hrs

Pass Marks: 30

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. _____ refers to an isolated islet of piles or masonry to assist in the berthing or manoeuvring of ships.
 - a. Pier
 - b. Dolphin
 - c. Wharf
 - d. Dock
2. _____ refers to a long solid structure, built on the seaward side of the harbour, for protection against the weather, rough seas and swell.
 - a. break water
 - b. back water
 - c. Buoy
 - d. Barge
3. _____ is responsible for the safety of the port and ships visiting the port, safety of the environment encompassed by the port and emergency planning and training.
 - a. Terminal Manager
 - b. Port Officer
 - c. Harbour Master
 - d. Customs Authority
4. Which one of the following is not a responsibility under Vessel Traffic Services?
 - a. Tug Operations
 - b. Pilotage
 - c. Stevedoring
 - d. Pollution control
5. _____ is process that is taken up for the protection of of the cargo.
 - a. Stowage
 - b. Dunnage
 - c. Hogging
 - d. Sagging
6. Ideally, which of the following covering 'Ship Turnaround Time' is productive?

- a. Waiting time at outer anchorage b. Waiting time at berth
 c. Operations time at berth d. Post operations waiting time
7. Under which of the following ownership modal, the workforce is owned by the port authority?
 a. Tool Port b. Private Port
 c. Landlord Port d. Captive Port
8. _____ is an international standard for safe operation of ships and for prevention of pollution.
 a. ISPS b. SOLAS
 c. ISM d. OHSAS
9. Cabotage law restricts
 a. foreign flagged ships from handling costal shipping.
 b. foreign flagged ships from handling Indian consignments
 c. Indian flagged ships from using Suez Canal
 d. Indian flagged ships from directly enter the rough sea
10. _____ is responsible for arranging for smooth entry, stay and exit of a vessel at a port.
 a. Stevedore b. Port Authority
 c. Shipper d. Ship Agent

Section B

Five Questions of 02 Marks each

11. What is seaport? List the various factors influencing port development?
 12. Explain the significance of stowage plan on board a ship?
 13. What is the difference between a port and a terminal?
 14. Write the relevance of various conventions in maritime sector?
 15. What is a captive port?

Section C

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

16. "Seaports are areas with facilities for berthing or anchoring ships and equipment to transfer goods from ship to shore or ship to ship." Discuss this statement in context of evolving functions and features of ports.
17. Discuss the various facilities required at a port for smooth handling of inward and outward cargo.
18. What is pre-shipment planning? Discuss the developments in cargo handling and terminal operation procedures.
19. Explain the growth trends in the world trade and its influence on the maritime sector.

20. Discuss the concept of port security? How does the various conventions help in maintaining the port security?

21. "World ports are slowly moving from service towards landlord port model." Discuss the reasons for this shift and the advantages of this transformation in port ownership model.

22. Explain the port ownership structures in India? Write about the key challenges faced by Indian ports and the initiatives of government to address these problems?

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