

**Indian Maritime University**  
**(A Central University, Govt. of India)**  
**End Semester Examinations – June 2025**  
**Programme Name: BBA (Maritime Logistics)**  
**Semester: Second**  
**Subject Code: UG32T1204**  
**Subject Name: Warehouse & Materials Management**

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Date: 06.06.2025

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 section.

**SECTION – A**

**(10 x 01= 10 Marks)**

**ANSWER ALL OF THE FOLLOWING QUESTIONS**

1. Which of the following is an advantage of manufacturer storage with direct shipping?
  - a) Transportation costs are low because the average outbound distance to the end consumer is small and package carriers are used to shipping the product
  - b) Supply chains save on the fixed cost of facilities, because the need for other warehousing space in the supply chain has been eliminated
  - c) Response times tend to be small because the order has to be transmitted from the retailer to the manufacturer
  - d) Order tracking is easy to implement because of the complete integration of information systems at both the retailer and the manufacturer
  
2. The warehousing methodology that uses a traditional warehouse to store all of one type of product together is \_\_\_\_\_
  - a) Warehouse unit storage
  - b) Stock keeping unit storage
  - c) Job lot storage
  - d) Cross-docking

3. In warehousing, GRN stands for \_\_\_\_\_
- a) Goods Receipt Note
  - b) Goods Receipt Number
  - c) Goods Replacement Note
  - d) Goods Replacement Number
4. Which of the following storage equipment works on a similar principle to a merry-go-round?
- a) A-frames
  - b) Vertical lift module
  - c) Vertical carousels
  - d) Horizontal carousels
5. The inventory held in case demand exceeds expectation in order to counter uncertainty is called \_\_\_\_\_
- a) Cycle inventory
  - b) Sourcing
  - c) Seasonal inventory
  - d) Safety inventory
6. EOQ is the order quantity that \_\_\_\_\_ over our planning horizon.
- a) minimizes total ordering costs
  - b) minimizes total carrying costs
  - c) minimizes total inventory costs
  - d) the required safety stock
7. Which of the following is not a principle of benchmarking?
- a) Collaboration
  - b) Confidentiality
  - c) Closeness
  - d) Openness
8. In terms of storage systems, the warehouse trade-off is between \_\_\_\_\_
- a) Speed, Cost and Capacity
  - b) Service, Cost and Capacity
  - c) Safety, Cost and Capacity
  - d) Accuracy, Cost and Capacity

9. Which of the following is a key factor to consider during a manual handling operation in a warehouse?
- The task
  - The load
  - Both a & b
  - None of the above
10. In the context of warehouse waste management WEEE stands for \_\_\_\_
- Waste Electrical and Electronic Engineering
  - Warehousing Electrical and Electronic Equipment
  - Warehousing Electrical and Electronic Engineering
  - Waste Electrical and Electronic Equipment

**SECTION – B**

**(05 x 02= 10 Marks)**

**ANSWER ALL OF THE FOLLOWING QUESTIONS**

- Write a short note on consolidation centers.
- What is Advance shipping notice?
- List out the benefits of Just-in-time inventory system.
- Brief about Activity based costing.
- Define material management.

**SECTION – C**

**(05 x 10= 50 Marks)**

**ANSWER ANY FIVE OUT OF SEVEN OF THE FOLLOWING QUESTIONS**

- Describe the pressures and challenges faced by warehouse managers in operating modern warehouses.
- Explain various categories of pick strategies used in warehouses.
- Discuss different types of handling equipment used in warehouses to undertake the picking process.
- What is inventory? Explain the types and functions of inventory.
- Describe the performance metrics used by warehouse managers to measure inventory and explain how to choose the right performance measures?
- Discuss in detail the rules which set the stage for a sound outsourcing partnership.
- Elucidate the measures to be taken by the warehouse operator to prevent slips and trips in the warehouses?

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