

Indian Maritime University
(A Central University, Govt of India)
End Semester Examinations – December 2024
Programme Name: MBA (PSM / ITLM)
Semester: III
Subject Code: PG21E3305 / PG22E3305
Subject Name: Warehouse Management

Date: 23.12.2024

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 (10 x 01= 10 Marks)
ANSWER ALL OF THE FOLLOWING QUESTIONS

1. As a Thumb Rule, freight cost for distribution of goods from factory to field warehouses _____
 - a) Increases with increase in number of warehouses
 - b) Decreases with increase in number of warehouses
 - c) Remains same irrespective of number of warehouses
 - d) None of the above
2. Which of the following is the key principle of materials handling?
 - a) Continuous movement is most economic
 - b) Economy is directly proportional to size of load
 - c) Standardization reduces costs
 - d) All of the above
3. _____ are used for retrieval from double-deep racking and for the movement of large or multiple pallets.
 - a) Boom attachment
 - b) Crane attachment
 - c) Carton clamps
 - d) Extended forks
4. In terms of safety, PPE stands for _____
 - a) Proper Protective Equipment
 - b) Personnel Protective Equipment
 - c) Personal Protective Equipment
 - d) Production & Protective Equipment

5. According to the International organisation for standardization, what are the dimensions of UK Pallet?
- 1000 mm x 1200 mm
 - 1165 mm x 1165 mm
 - 800 mm x 1200 mm
 - 1016 mm x 1219 mm
6. In _____, the orders are consolidated into one pick list and once picked, they are broken down into constituent orders.
- Batch picking
 - Wave picking
 - Cluster picking
 - Zone picking
7. Which of the following is a type of Radio frequency identification tag used in warehouses?
- Passive tags
 - Active tags
 - Both of the above
 - None of the above
8. Warehouse layout is greatly affected by _____
- Product demand in the market
 - Material handling system
 - Storage capacity of the place
 - Inventory throughput
9. Which of the following outsourcing decision is appropriate, when both the organisational expertise and potential value to the organisation are high?
- Transactional outsourcing
 - Partnership outsourcing
 - Decision based on financial consideration
 - Do not outsource
10. _____ is an internal organisation based on an arms-length outsourcing arrangement.
- Vested business model
 - Shared services model
 - Preferred provider model
 - Performance based model

SECTION – B

(05 x 02= 10 Marks)

ANSWER ALL OF THE FOLLOWING QUESTIONS

11. Explain Bonded warehouses.
12. What is Cross-docking?
13. List out the core attributes of security within a warehouse.
14. What is Software as a service WMS?
15. Discuss how important is an aisle width in a warehouse layout?

SECTION – C

(05 x 08= 40 Marks)

ANSWER ANY FIVE OUT OF SEVEN OF THE FOLLOWING QUESTIONS

16. Examine the role of a warehouse in today's supply chain.
17. Critically analyse the factors determining the location of a warehouse.
18. Elucidate different types of pallet racking configurations used in warehouses?
19. Discuss in detail various order picking methods which are currently used in today's warehouses.
20. Explain the significant benefits of goods-to-person picking system.
21. Describe the attributes needed in a warehouse management system to make it effective.
22. Why do we measure performance and productivity within the warehouse?
Explain various traditional productivity measures. (3+5)
