

**INDIAN MARITIME UNIVERSITY**  
(A Central University, Government of India)

**December 2016 End Semester Examinations**

**Third Semester – Master of Business Administration**  
**International Transportation and Logistics Management**  
(2015 batch onwards)

**Warehousing & Inventory Management (PG22T2305)**

**Date : 26.12.2016**

**Time: 3 Hrs**

**Maximum Marks: 60**

**Pass Marks : 30**

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**SECTION-A**

**(12x 1= 12 Marks)**

**(Answer All Questions)**

**Choose the correct answer:**

1. Inventory carried for the purpose of providing flexibility to each decision-making unit to manage its operations independently is known as
  - a. Safety inventory
  - b. Decoupling inventory
  - c. Cycle inventory
  - d. Seasonal inventory
  
2. Cycle inventory helps in
  - a. finding out the amount of stock required during a finite period in order to move the materials from one location to another
  - b. taking care of uncertainty in demand and supply of products/components
  - c. taking care of any special event that does not occur on a regular basis
  - d. taking advantage of economies of scale and reducing cost within the supply chain
  
3. The inventory which is dependent on alternative modes of transportation is known as
  - a. Seasonal inventory
  - b. Safety inventory
  - c. Cycle inventory
  - d. Pipeline inventory

4. Which of the following descriptions accurately reflects the typical services of a freight forwarder?
  - a. Negotiate the purchase contract, provide transport, and make payment for goods
  - b. Arrange shipment, manage customs clearance, and make payment for goods
  - c. Arrange transportation of goods, manage documentation, and arrange customs clearance
  - d. Negotiate import duty payments, arrange agent's commission, and deliver products.
5. Higher demand uncertainty provides higher savings by pooling which of the following inventory?
  - a. Seasonal inventory
  - b. Cycle inventory
  - c. Safety inventory
  - d. Pipeline inventory
6. RFID means
  - a. Radio Frequency Identification Data
  - b. Radio Frequency Identification Demand
  - c. Radio Frequency Identification
  - d. Reader Frequency Identification Data
7. When using the 'ABC' approach to stock categorization. Which of the following describes class 'C' items? Answers
  - a. High value, high risk
  - b. High value, low risk
  - c. Low value, high risk
  - d. Low value, low risk.
8. Warehouses and stockyards are two types of storage facilities. Which of the following is the most appropriate factor to consider in the design of a stockyard?
  - a. Structure
  - b. Services
  - c. Surface
  - d. Shelving.

9. Which of the following categories of materials handling equipment does a 'counterbalanced type' belong to?
- a. Gravity Conveyor
  - b. Fork lift Trucks
  - c. Picking Robot
  - d. Warehouse Trolley.
10. Which of the following types of container is used to carry oversized cargo?
- a. Bulk
  - b. Flat rack
  - c. Reefer
  - d. Tank.
11. Many organisations hold safety stocks as part of their inventory. Which of the following is a reason for holding safety stocks?
- a. To improve stock holding levels
  - b. To improve stock accuracy levels
  - c. To cater for demand forecast errors
  - d. To cater for a large storage capacity.
12. Throughput refers to:
- a. storage capacity of a warehousing facility
  - b. amount of product entering and leaving a facility in a given time period
  - c. inventory turnover in a one-month period
  - d. volume through a pipeline

**SECTION-B**

**(5x 4= 20 Marks)**

**(Answer ANY FIVE Questions not exceeding 200 words each. All Questions carry equal marks)**

13. What are the functions of a warehouse in the modern trends?
14. Briefly describe the different stages of warehousing process.
15. What is meant by perpetual inventory System? Explain.
16. Discuss any five of the value-added activities that can be performed by warehouses.

17. What are the advantages of Bonded warehousing?
18. What is meant by ABC analysis inventory system ? Explain.
19. Describe the factors considered for selecting a material handling system.

**SECTION - C**

**(4 x 7 = 28 Marks)**

**(Question No.20 is compulsory. Answer any THREE from the remaining questions. Each Analysis/ Answer should not exceed 500 words)**

20. Discuss 5 critical factors that the manufacturing firms should take into consideration when designing a warehouse operational system that can lead to a firm's meeting the objectives of maximizing production flow and minimizing the cost of investment.
21. What are roles of a warehouse Manager? Explain.
22. "A well designed process is essential to handling your product efficiently and effectively" – Explain with an example.
23. What are the different types of warehouse storage equipments?
24. Explain the role of inventory management in warehouse management system with suitable examples.
25. What are the principles of warehouse safety? Explain.

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