

WAREHOUSE PRINCIPLES AND INVENTORY MANAGEMENT

(259)

Tutor-Marked Assignment

Note: i) All questions are compulsory. The marks allotted for each question are indicated against each question.

ii) Write your name, enrolment number, AI name, and subject on the top of the first page of the answer sheet.

1. Answer any one of the following questions in about 40-60 words. (2)

- (a) A warehouse manager wants to improve the efficiency of inventory storage and retrieval. Based on your understanding of warehouse concepts, suggest two key factors that should be considered for effective space utilization and inventory management.
(See Lesson 1)

OR

- (b) A company is experiencing delays in order processing due to poor warehouse organization. Identify two basic warehouse principles that can help streamline operations and ensure faster order fulfilment.
(See Lesson 2)

2. Answer any one of the following questions in about 40-60 words. (2)

- (a) Do you think warehousing is an important activity in supply chain management? Substitute with an example.
(See Lesson 5)

OR

- (b) Visit a warehouse nearby and inquire about the safety rules followed in the warehouse.
(See Lesson 10)

3. Answer any one of the following questions in about 40-60 words. (2)

- (a) Recent technologies help manage the warehouses efficiently. Discuss any one of the recent technologies used in warehouses.
(See Lesson 19)

OR

- (b) Do you think all types of goods can be stored in a warehouse? Justify your answer by explaining the factors that determine the storage requirements of different goods and the special arrangements needed for perishable, hazardous, and high-value items.
(See Lesson 15)

4. Answer any one of the following questions in about 100-150 words. (4)

- (a) Visit a retail outlet nearby and inquire about the process of receiving materials and managing inventory. Observe how goods are checked upon arrival, recorded in the inventory system, stored efficiently, and tracked for sales or restocking. Based on your

findings, explain the process in detail, highlighting key steps such as inspection, documentation, storage, and stock monitoring. Additionally, suggest two ways to improve inventory management for better efficiency and accuracy. *(See Lesson 14)*

OR

- (b) A manufacturing company is facing challenges in managing its warehouse inventory efficiently. Sometimes, raw materials arrive late, causing production delays, while at other times, finished goods pile up due to slow dispatch. As a warehouse manager, how would you optimize inventory management to ensure a smooth flow of materials and products? Suggest two key strategies that can help improve warehouse efficiency and reduce delays. *(See Lesson 14)*

5. Answer any one of the following questions in about 100-150 words. (4)

- (a) A well-organized distribution system ensures that goods reach the right place at the right time, reducing delays and costs. Imagine a company that manufactures perishable food products and needs to deliver them to multiple retail stores across different cities. How can an efficient distribution system help the company maintain product quality, minimize transportation costs, and ensure timely delivery? Explain with a suitable example. *(See Lesson 19)*

OR

- (b) Cold storage is essential for preserving perishable goods by maintaining specific temperature conditions. Visit a nearby cold storage facility and explain how temperature is controlled, the types of goods stored, and the safety measures followed to ensure product quality. *(See Lesson 14)*

6. Prepare any one of the following projects given below: (6)

- (a) Retail companies rely on effective inventory management to maintain smooth operations and meet customer demand. Choose a well-known retail company and analyze how it manages its inventory. Identify the types of inventories it handles, the inventory management system it uses, and the key strategies it employs to balance stock levels and prevent losses. How do these practices help the company improve efficiency, reduce costs, and enhance customer satisfaction? *(See Lesson 15)*

OR

- (b) Warehouses play a crucial role in a company's supply chain, ensuring efficient storage and movement of goods. Choose a company and analyze its warehouse design and operations. Examine the types of products stored, the warehouse layout, and the processes involved in receiving, storing, and shipping goods. How do these factors contribute to operational efficiency, cost-effectiveness, and customer satisfaction? *(See Lesson 11)*