

retrieval processes are highly automated in high-flow warehouses. Illustrate this case and describe how IKEA are working absolutely with more efficiency and high responsiveness in their logistic operation.

Questions :

- (a) How does IKEA use sales data from stores?
- (b) Why does IKEA have two types of warehouses?
- (c) How does automation help IKEA in busy warehouses?

MBSC 3004 R

M.B.A. DEGREE EXAMINATION, MAY 2026.

Third Semester

Operations & Supply Chain Management

MATERIALS AND STORES MANAGEMENT

(2023 Regulation)

Time : Three hours

Maximum : 75 marks

PART A — (5 × 4 = 20 marks)

Answer any FIVE questions.

1. Explain the key objectives of materials management.
2. Discuss the need for stock in the business.
3. How to control the slow moving stocks?
4. Enumerate the function in determining stock range.
5. Explain how to cope with uncertainty in achieving service levels.

6. Compare stores efficiency and effectiveness.
7. Discuss the safety measures followed in the stores.
8. In what way supplies help in stocks control? Explain.

PART B — (5 × 8 = 40 marks)

Answer any FIVE questions.

9. Explain the Codification of stock in stores of business organization.
10. Discuss how to minimize stock and control methods of stock.
11. Explain the forecasting techniques relating to demand and lead times of stock.
12. Elaborate how to handle to stock at independent demand and dependent demand situations.
13. Classify the commodity types stored and state their characteristics.

14. State and explain the factors to be considered while locating the store room.
15. Give a note on distribution requirement planning.
16. Suggest any two operational research techniques applied in the store management.

PART C — (1 × 15 = 15 marks)

Case Study Compulsory.

17. IKEA is the world's largest home furnishing retailer with more than 411 locations across 49 countries has committed to customer service. All IKEA locations have an in-store logistics manager. The in-house logistics managers collect the Points of Sale (POS) data regarding sales using the central inventory management software. The inventory system also notifies deviations if any. IKEA also uses separate high-flow and low-flow warehouse facilities very efficiently. Products that have low demand are stocked in low-flow warehouses where the processes are manual. In high-flow warehouses, high demand products are stocked. Storage and