MB118D

Sl. No.

III Semester M.B.A. Degree Examination, May/June - 2026

MANAGEMENT

Elective-D : Operations

Material and Purchase Management

(Non-CBCS Scheme)

Time : 3 Hours **Maximum Marks : 80**

SECTION - A

Answer any Five sub-questions. Each sub-question carries Three marks. (5×3=15)

1. a) List out challenges of Materials Management.

b) Explain the significance of Materials Planning in the context of inventory control.

c) List three functions of Store Management and their importance.

d) Define the Make or Buy decision in Purchasing Management.

e) How can an Integrated Management Information System improve Materials Management processes?

f) List the factors influencing Materials Planning in a manufacturing organization.

g) What are the major objectives of Store Management?

SECTION - B

Answer any Four sub-questions. Each question carries Five marks. (4×5=20)

2. Discuss the scope of Materials Management and its impact on the overall efficiency of a manufacturing organization.

3. Describe the steps involved in Materials Planning and Control in a typical production setting.

4. Compare the advantages and disadvantages of centralized and decentralized Store Management Systems.

5. What factors should be considered when making a Make or Buy decision for a critical component in manufacturing?

6. How can effective supplier partnerships contribute to streamlined Purchasing Management?

7. Elaborate on the need for scientific management of Spare Parts.

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SECTION - C

Answer any Three questions. Each question carries Ten marks. (3×10=30)

8. Analyze the challenges faced by Materials Management professionals in maintaining optimal inventory levels while meeting production demands.

9. Evaluate the importance of Spare Part Management. Provide examples of how companies can optimize their Spare Part inventory.

10. Compare traditional record-keeping methods with an Integrated Management Information System (e.g., RFID) in the context of Materials Management. Discuss the benefits of adopting the newer technology.

11. Explain the role of Materials Planning in ensuring smooth production programs and aligning them with sales forecasts.

12. A company shifted from a decentralized to a centralized Purchasing Organization. Assess the advantages and disadvantages of this change.

SECTION - D

13. Case Study (Compulsory) (1×15=15)

Store Management and Spare Part Management Company: ABC Engineering Solutions is a maintenance and repair service provider for industrial equipment. The company faces challenges in managing spare parts and optimizing its store management procedures. The company struggles with identifying critical spare parts required for different types of machinery and often faces delays in locating specific parts in the stores. This affects their ability to offer quick and efficient repair services to clients.

Questions:

a) As a materials management consultant, assess the current store management and spare part management practices at ABC Engineering Solutions.

b) Recommend a store layout and storage system to improve the organization of spare parts.

c) Provide guidelines for scientific management of spare parts inventory, including planning for overhauling and handling obsolete spares.
