MB-118D

Sl.No. :

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Third Semester M.B.A. Degree Examination, May - 2025
(SLM Scheme) (NON CBCS)
MANAGEMENT
ELECTIVE - D : OPERATIONS
Materials & Purchase Management

Time : 3 Hours **Max. Marks : 80**

Instruction : All Sections are compulsory.

SECTION - A

Answer any five sub-questions. Each sub question carries three marks :

[5 × 3 = 15]

1. a) What is Materials Management and what are its objectives?

b) Explain the importance of Materials Planning in a manufacturing organization.

c) List three challenges faced by Materials Management professionals.

d) Define Store Management and its key objectives.

e) What is the significance of the Make or Buy decision in Purchasing Management?

f) Mention two benefits of using an Integrated Management Information System in Materials Management.

g) Why is scientific management of Spare Parts essential in a manufacturing organization?

SECTION - B

Answer any four questions. Each question carries five marks : [4 × 5 = 20]

2. Discuss the scope of Materials Management and its functions in a manufacturing organization.

3. Explain the relationship between Materials Planning and Sales Forecast.

4. Compare and contrast centralized and decentralized Purchasing organizations.

5. Describe the role of supplier partnerships in effective Store Management.

6. Explain Benefits of the Materials Budget.

7. Explain what are the major factors influencing spare Part inventories.

SECTION - C

Answer any three questions. Each question carries ten marks : [3 × 10 = 30]

8. Analyze the benefits and challenges of implementing an Integrated Management Information System (e.g.. RFID) in Materials Management.

9. Evaluate the impact of efficient Spare Part management on production downtime and maintenance costs in a manufacturing company.

10. Discuss the factors that influence the decision to make or buy components in a manufacturing organization.

11. Explain Cycle Purchasing Methods and Techniques in purchase management.

12. Evaluate the organizational variations within Materials Management and discuss the limitations associated with each variation.

SECTION - D

13. Case (Compulsory). [1 × 15 = 15]

Materials planning and Control Company: XYZ Manufacturing Ltd. XYZ Manufacturing Ltd. is a leading automobile manufacturer with a diverse range of models in its portfolio. The company has been facing challenges in its materials planning and control processes. Due to inconsistent materials planning, the company often experiences stock outs of critical components, resulting in production delays and dissatisfied customers. Also, excess inventory of certain materials ties up working capital and warehouse space.

Questions :

a) As a materials management consultant, analyze the factors influencing materials planning at XYZ Manufacturing Ltd.

b) Propose effective guidelines for improving the materials planning and control process.

c) Provide recommendations to establish a reliable and efficient materials planning system.

