MBA Degree (FT) III Semester End Semester Examination- December, 2022

21-371-0357: PURCHASING AND MATERIALS MANAGEMENT
(Regular)

Time: 3 Hours   **Max Marks: 50**

Course Outcomes: On completion of the course, the student will be able to:-

CO1	Ability to recall the basic concepts and terms related to Production and Operations, Inventory, Warehousing. Transportation, Customer service, Optimization with reference to Materials
CO2	Develop a sound understanding of the important role of Purchasing and materials management in today's business environment. Become familiar with current Purchasing and materials management trends. Understand and apply the current Purchasing and materials management theories, practices and concepts
CO3	Effectively apply knowledge of research outcomes and methods of Materials requirement analysis and Materials management decision analysis; Demonstrate cognitive skills to demonstrate mastery of Purchasing and materials management and related business theories and to reflect critically on both theory and professional practice.
CO4	Use cognitive skills, technical knowledge to investigate, analyze and synthesize complex information, problems, concepts and theories and to apply theories and practices of Purchasing and materials management to different contextual problems in business situations.
CO5	Apply technical knowledge and use data, theories and models to evaluate and implement, appropriate solutions to problems related to Purchasing and materials management. Evaluate the impact of the decisions in Purchasing and materials management on other functional areas
CO6	Demonstrate and use cognitive, technical and creative skills to conceive and develop solutions to complex problems related to Purchasing and materials management.

BL – Bloom's Taxonomy: (L1- Remember, L2 - Understand, L3 – Apply, L4-Analyse,   L5-Evaluate, L6-Create)

PART A
(*Answer ALL questions. Each question carries 2 marks*)

Q No.	Questions	Marks	BL	CO
1	Distinguish between 3PL and 4PL.	2	2	2
2	What is meant by Material Audit?	2	1	1
3	"Standardization is helpful to minimize the cost". Comment on it	2	2	2
4	Write a note on Safety Stock and Service Level.	2	1	1
5	Explain the relevance of BOM in MRP.	2	2	2

(5X2=10 marks)

Q No.	Questions	Marks	BL	CO
6	Consider yourself as a purchase manager of a car manufacturing organisation of your choice; explain the various steps that you should follow to carry out the purchase activity of your organisation.	4	4	4
7	Demonstrate how value is related to purchasing decisions? Enumerate various phases of the value analysis process.	4	3	3
8	Interpret the importance of receiving and incoming quality inspection. Differentiate between 100% inspection and sampling inspection	4	3	3
9	Discuss the various classification and coding systems of the materials department.	4	3	3
10	Compare the various systems of Stock Replenishment. Depict various levels of location of inventory in stores.	4	4	4
11	Explain different types of Material Handling? What is the scope of materials management in stores?	4	4	4
12	Evaluate the benefits of implementing JIT system in purchasing. Distinguish between MRP 1, MRP II and ERP.	4	4	4

(5X4=20 marks)

PART C

(Answer ANY TWO questions. Each question carries 10 marks)

Q No.	Questions	Marks	BL	CO
13	What is meant by Vendor Rating? Enumerate the various steps in supplier evaluation and selection process, Recommend a suitable Vendor Evaluation technique for Mobile manufacturing unit	10	5	5
14	What is 'Make or Buy or Lease' decision strategy? As a materials manager evaluate its importance for a business? Analyse various risks involved in 'Make or Buy' decisions.	10	5	5
15	Develop and explain the various components of the following with illustration:- a) Purchase Order b) Bin Card c) Goods received note	10	6	6

(2x10=20 marks)

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