CBCS SCHEME

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BME515C

Fifth Semester B.E./B.Tech. Degree Examination, Dec.2024/Jan.2025
Supply Chain Management and Introduction to SAP

Time: 3 hrs. Max. Marks: 100

Note: 1. Answer any FIVE full questions, choosing ONE full question from each module.
2. M : Marks , L: Bloom's level , C: Course outcomes.

		Module – 1	M	L	C
Q.1	a.	Explain the fundamentals and evaluation of SCM.	10	L2	CO1
	b.	Discuss the decision phases involved in SCM.	10	L2	CO1
		OR			
Q.2	a.	What are the enablers and drives of supply chain performance? Explain with example.	10	L1	CO1
	b.	Describe the strategic sourcing and make vs buy decision.	10	L2	CO1
		Module – 2			
Q.3	a.	Explain the concept of warehouse management and the role of stores system and procedures.	10	L2	CO2
	b.	Discuss the importance of material handling and cost effectiveness in supply chain management.	10	L2	CO2
		OR			
Q.4	a.	Describe the factors influencing distribution networks design in supply chain management.	10	L2	CO2
	b.	Explain the models for facility location and capacity allocation.	10	L2	CO2
		Module – 3			
Q.5	a.	What is supply chain network optimization? Discuss its importance.	10	L1	CO3
	b.	Explain the impact of uncertainty on network design using decision trees.	10	L2	CO3
		OR			
Q.6	a.	Discuss the multiple item and multiple location inventory management techniques.	10	L2	CO3
	b.	Explain the concepts of pricing and reverse management in supply chain management.	10	L2	CO3
		Module – 4			
Q.7	a.	Describe the process of supply chain integration and the importance of building partnership.	10	L2	CO4
	b.	Explain the Bullwhip effect and its impact on supply chain performance.	10	L2	CO4
		OR			
Q.8	a.	Discuss the role of IT in supply chain management and its factor trends.	10	L2	CO4
	b.	Explain the concept of reverse supply chain and agile supply chain.	10	L2	CO4
		Module – 5			
Q.9	a.	Describe the SAP material management system and its key components.	10	L2	CO5
	b.	Explain the procurement process in SAP with the steps involved.	10	L2	CO5
		OR			
Q.10	a.	What is the significance of master data management in SAP? Discuss its role in procurement.	10	L2	CO5
	b.	Explain the importance of transaction codes in SAP material management.	10	L2	CO5

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