CBCS SCHEME

USN

BME515C

Fifth Semester B.E./B.Tech. Degree Examination, Dec.2025/Jan.2026
Supply Chain Management & 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.

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			M	L	C
		Module – 1			
Q.1	a.	What you mean by supply chain? Explain the objectives and importance of supply chain management.	10	L1 L2	CO1
	b.	Explain with example, the impact of different drivers on the performance of supply chain.	10	L2	CO1
		OR			
Q.2	a.	Illustrate the Evolution of supply chain management.	10	L2	CO1
	b.	Clarify why achieving strategic fit is critical to a company's overall success.	10	L2	CO1
		Module – 2			
Q.3	a.	Illustrate the significant difference between warehouse management and stores management.	10	L2	CO2
	b.	Discuss in detail about the models for facility location and capacity allocation.	10	L2	CO2
		OR			
Q.4	a.	Enumerate supplier development in supply chain and worldwide sourcing in supply chain.	10	L2	CO2
	b.	Illustrate in detail Make versus Buy process in supply chain.	10	L2	CO2
		Module – 3			
Q.5	a.	Enumerate about concept of supply chain network and distribution network design.	10	L2	CO3
	b.	Explain the process of impact of uncertainity on network design.	10	L2	CO3
		OR			
Q.6	a.	Expound the importance of impact of uncertainity on network design.	10	L2	CO3
	b.	Discuss the concept of Pricing and Revenue Management.	10	L2	CO3
		Module – 4			
Q.7	a.	Discuss Network Design Decisions using Decision Tree.	10	L2	CO4

	b.	Elucidate about how multiple item, multiple location inventory management helps a firm to achieve optimization.	10	L2	CO4
		OR			
Q.8	a.	Explain the terms Bullwhip Effect, Effective forecasting, coordinating the supply chain.	10	L2	CO4
	b.	Elaborate the concept of Agile Supply Chain.	10	L2	CO4
		Module – 5			
Q.9	a.	Enumerate the topic of supply chain restructuring, supply chain mapping, supply chain process restructuring.	10	L2	CO5
	b.	Define SAP? Explain in detail procurement process and organization structure in SAP.	10	L2	CO5
		OR			
Q.10	a.	What is Master Data Management and how does it impact SAP performance?	10	L1	CO5
	b.	Explain the concept of SAP material management and its importance.	10	L2	CO5

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