ModelQuestionPaper-1witheffectfrom 2022(CBCS Scheme)

USN

Sixth Semester B.E. Degree Examination
SUPPLY CHAIN MANAGEMENT

TIME: 03Hours   Max.Marks:100

Note: 01.Answer any *five* full questions, choosing at least **one** question from each **MODULE**.
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Module-1			*Bloom's Taxonomy Level	Marks
Q.01	a	Define "Supply Chain" and list its core components. Explain the importance of Supply Chain Management in today's global economy.	L2	10
	b	List the drivers and enablers of supply chain and discus the role of them in supply chain performance	L2	10
OR				
Q.02	a	What is Supply Chain Management? Explain the network of SCM, with a relevant diagram.	L2	10
	b	Describe the decisions in supply chain Management, with suitable example.	L3	10
Module-2				
Q.03	a	A manufacturing company is facing challenges in managing its supplier relationships. Analyze the "Make vs. Buy" decision-making process and recommend a suitable sourcing strategy for this company, justifying your choice.	L2	10
	b	Compare and contrast the concepts of "Supplier Development" and "World Wide Sourcing." Evaluate the potential advantages and disadvantages of each approach for a company looking to optimize its supply chain.	L3	10
OR				
Q.04	a	Explain the key drivers of supply chain performance and illustrate how they are interconnected with a company's overall business strategy.	L2	10
	b	Describe the key organizational levels within the SAP Enterprise Structure that are relevant to Material Management.	L3	10
Module-3				
Q.05	a	Briefly explain the Stores and ware house Management, its objectives and functions	L2	10
	b	Briefly compare the stock valuation methods in supply chain management	L3	10
OR				
Q.06	a	Explain the key factors to consider when designing an efficient supply chain network for this scenario.	L2	6
	b	Considering global variability in transportation costs, tariffs, and lead times, how would you integrate risk management and flexibility into the supply chain network design to ensure resilience against disruptions	L3	14

Module-4				
Q.07	a	Explain how uncertainty can impact supply chain network design. Describe how Decision Trees can be used as a tool for making network design decisions under uncertainty.	L3	20
OR				
Q.08	a	Define "Supply Chain Network Optimization" and list different optimization models used in practice.	L2	12
	b	Analyze the challenges and benefits of implementing a pricing and revenue management strategy within a complex supply chain.	L3	8
Module-5				
Q.09	a	Explain the concept of the "Bullwhip Effect" and its impact on supply chain performance. Describe how information sharing and collaboration can help mitigate this effect.	L2	10
	b	Discuss the role of Information Technology (IT) in enabling agility and responsiveness in modern supply chains. Illustrate your answer with relevant examples.	L3	10
OR				
Q.10	a	Define "Reverse Supply Chain" and list the key activities involved in this process.	L2	10
	b	Analyze the potential of e-business and emerging technologies (e.g., blockchain, Internet of Things) in transforming future supply chains.	L3	10

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