

# CBCS SCHEME

USN

--	--	--	--	--	--	--	--	--	--

21MR652

## Sixth Semester B.E. Degree Examination, June/July 2024 Supply Chain Management and Introduction to SAP

Time: 3 hrs.

Max. Marks: 100

Note: Answer any FIVE full questions, choosing ONE full question from each module.

### Module-1

- 1 a. Discuss the evolution of supply chains over the decades. How have advancements in technology and changes in global markets influenced this evolution. (10 Marks)
- b. Illustrate the role of supply chain management in economy. (10 Marks)

OR

- 2 a. Explain the impact of the internet on sourcing strategy. (10 Marks)
- b. What are the factors influencing make or Buy decisions? (10 Marks)

### Module-2

- 3 a. Discuss the significance of transportation and traffic management in warehouse operations. (10 Marks)
- b. Explain the concept of cost effectiveness in warehouse management. (10 Marks)

OR

- 4 a. Explain the role of networks design in supply chain management. (10 Marks)
- b. What are the factors that influence facility location decision in distribution networks? (10 Marks)

### Module-3

- 5 a. What are the key considerations in planning demand for multiple items across multiple locations in inventory management? (10 Marks)
- b. Discuss the challenges and opportunities associated with managing inventory across multiple locations. (10 Marks)

OR

- 6 a. How can companies utilize demand planning techniques to enhance their inventory management processes? (10 Marks)
- b. Explain how network design decisions are evaluated using decision trees. (10 Marks)

### Module-4

- 7 a. Discuss the strategies and tools available for coordinating the supply chain. How can these strategies improve supply chain efficiency and responsiveness. (10 Marks)
- b. What is supply chain integration? Explain the three stages of supply chain integration. (10 Marks)

OR

- 8 a. How is e-business transforming supply chain practices, and what are the potential benefits and risks associated with e-business in supply chains? (10 Marks)
- b. Describe the reverse supply chain process. What are the key challenges in managing reverse supply chains, and how can organizations overcome these challenges? (10 Marks)

Important Note : 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.  
2. Any revealing of identification, appeal to evaluator and /or equations written eg, 42+8 = 50, will be treated as malpractice.

**Module-5**

- 9 a. Discuss the importance of master data management in SAP. What type of master data are managed, and how do they impact business operations. (10 Marks)
- b. Explain the functions of a purchase info record and a source list in SAP. How do these tools assist in the procurement process? (10 Marks)

**OR**

- 10 a. Discuss the creation and management of purchase orders in SAP. How does SAP streamline the process and ensure accuracy and efficiency in order management. (10 Marks)
- b. Describe the functionalities of inventory management in SAP. How does SAP help in tracking and managing inventory levels, movements, and storage? (10 Marks)

\*\*\*\*\*