

Code No: **R194203Q**

R19

Set No. 1

IV B.Tech II Semester Regular Examinations, April– 2023

SUPPLY CHAIN MANAGEMENT

(Open Elective)

Time: 3 hours

Max. Marks: 75

*Answer any FIVE Questions
ONE Question from Each unit
All Questions Carry Equal Marks*

UNIT I

- 1 a) Define Supply Chain and list out the objective of Supply Chain. [7]
b) Discuss the role of supply chain and explain the impact of supply chain decision on success of the firm. [8]

(OR)

- 2 a) Briefly Explain about Cycle process view of supply chain. [7]
b) Briefly explain about Expanding Strategic scope. [8]

UNIT II

- 3 a) Explain 'Achieving Strategic Fit' in supply chains with the help of a suitable example [7]
b) Explain about any three drivers of Supply Chain performance. [8]

(OR)

- 4 Explain multi-echelon inventory management in detail with the help of a suitable example. [15]

UNIT III

- 5 a) What is the role of Distribution in Supply Chain? [7]
b) Explain about any three design options for a Distribution Network. [8]

(OR)

- 6 a) Explain about the phases in framework of Network design Decisions. [7]
b) Explain about the different types of models in Facility location and Capacity allocation. [8]

UNIT IV

- 7 Explain about the Components of forecast and forecasting methods. [15]

(OR)

- 8 a) Explain the role of forecasting in supply chain. [7]
b) Briefly explain about the risk management in forecasting. [8]

UNIT V

- 9 a) What is aggregate planning? Explain the role predictive visibility supply chain performance. [7]
b) Explain briefly about the Supply Chain IT framework. [8]

(OR)

- 10 Describe the lack of supply chain coordination and the bullwhip effect, and their impact on supply chain performance. [15]