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Eighth Semester B.E. Degree Examination, June/July 2023

Supply Chain Management

Time: 3 hrs.

Max. Marks: 100

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

Module-1

- 1 a. Explain the different stages of supply chain management. (10 Marks)
- b. With a line diagram, explain frame work for design decisions. (10 Marks)

OR

- 2 a. What are drivers of supply chain performance? (10 Marks)
- b. What are the obstacles to achieving strategic fit in supply chain? (10 Marks)

Module-2

- 3 a. Explain any three models of facility location. (10 Marks)
- b. List and explain concepts of safety inventory. (10 Marks)

OR

- 4 a. How to evaluate network design decisions? (10 Marks)
- b. Explain concept of aggregation of inventory. (10 Marks)

Module-3

- 5 a. Explain steps involved in design collaboration. (10 Marks)
- b. What is tailored transportation explain advantages? (10 Marks)

OR

- 6 a. What is trade off in transportation design? Explain. (10 Marks)
- b. Explain modes of transportation and their performance characteristics. (10 Marks)

Module-4

- 7 a. How to build a strategic partnership in supply chain? Give an example. (10 Marks)
- b. Explain role of IT in supply chain. (10 Marks)

OR

- 8 a. Differentiate between SRM and CRM. (10 Marks)
- b. What are managerial levels to achieve coordination? (10 Marks)

Module-5

- 9 a. What are the applications of RFID in supply chain? (10 Marks)
- b. How to implement six sigma in supply chain? (10 Marks)

OR

- 10 a. What is reverse logistics? How it is managed? (10 Marks)
- b. Explain need of lean supply chain. (10 Marks)