

Time: 3 hours

Marks: 80

- Question No.1 is compulsory and Answer 3 Questions remaining 5 Questions.
- Assume suitable data wherever necessary
- Diagram and sketches explanations are right to reserve full marks

- Q1 (i) What is importance of supply chain management? Explain Objectives of supply chain management in industries? 10
- (ii) Explain decision phases and pillars of supply chain management functions with case study 10
- Q2 (i) Explain push pull systems and boundary of push pull systems in supply chain management ? 10
- (ii) Explain the Supply chain SCOR performance model with neat diagram 10
- Q3 (i) Explain Network design in supply chain considering roles, factors, models for facilities location and capacity allocation. 10
- (ii) List out key dimensions of implementation of SCM and explain Implementation of each dimension in Supply chain Management model 10
- Q4 (i) What is the material management? Classification of materials in Chemical Manufacturing industries in the context of Material management. Classify the materials in chemical Industries 10
- (ii) Explain Vendor Managed Inventory control systems in Material Management 10
- Q5 (i) What is a role of warehouse in supply chain management? What are the types of ware house in supply chain? 10
- (ii) Describe the modes of transportation, Identifying the most significant characteristic of each. 10
- Q6 Explain the following concepts in Supply chain Management (**Any Four**) 4 x 5 =20
- (i) Green Supply Chain Management
- (ii) Just InTime [JIT]
- (iii) Micro and Macro Dimensions of Logistics
- (iv) Bullwhip effect in supply chain management
- (v) RFID systems

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