

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

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| 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 | |
