| PRN: | | Course Code : | MET-2704.2 |
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Final Year **B. Tech** End Semester Examination Winter 2023

# Supply Chain Management

Day and Date: Tuesday, 05/12/2023 Max Marks: **100**

Time : 2-00 to 5-00 PM Duration: **03** hrs

Instructions: All questions are compulsory.

| | | | Marks | Bloom's Level | CO |
|---|---|---|---|---|---|
| Q.1 | | **Attempt the following** | | | |
| | a) | Define supply chain management and discuss its main features | 08 | 3 | 1 |
| | b) | Discuss the various functions of supply chain management along with their roles. | 08 | 4 | 1 |
| | | OR | | | |
| | b) | Every element of supply chain is required in every company. Do you agree with this statement? Justify your answer with suitable example. | 08 | 4 | 1 |
| Q.2 | | **Attempt the following** | | | |
| | a) | Diagrammatically show the various flows in supply chain. | 08 | 4 | 2 |
| | b) | Describe 3 PL advantages for the run strategy. | 08 | 4 | 2 |
| | | OR | | | |
| | b) | "Logistics is the part of SCM" Comment on this statement | 08 | 4 | 2 |
| Q.3 | | **Attempt any two from the following** | | | |
| | a) | Discuss the role of Inventory in the achievement of Logistical Objectives. | 08 | 3 | 3 |
| | b) | Discuss the importance of Inventory and Explain various elements of inventory costs. | 08 | 3 | 3 |
| | c) | Explain the Operational flow of Information. | 08 | 3 | 3 |
| Q.4 | | **Attempt any two from the following** | | | |
| | a) | Discuss the nature and scope of storage warehouse and distribution centers. | 08 | 3 | 4 |
| | b) | Discuss the functions of Ware house. | 08 | 3 | 4 |
| | c) | Explain the Logistical Information System. | 08 | 3 | 4 |
| Q.5 | | **Attempt any Two of the following** | | | |
| | a) | Discuss the Impact of Centralized Information on Bullwhip Effect | 09 | 3 | 5 |
| | b) | Describe the Impact of De-Centralized Information on Bullwhip Effect | 09 | 3 | 5 |
| | c) | Explain Push supply chain and Pull supply chain with neat sketch. | 09 | 3 | 5 |
| Q.6 | | **Attempt any Two of the following** | | | |
| | a) | Explain the various causes of Bullwhip effect. | 09 | 3 | 5 |
| | b) | Explain the following points of Outbound distribution strategies<br>(i) Direct Shipment<br>(ii) Warehousing<br>(iii) Cross Docking | 09 | 3 | 5 |
| | c) | Describe Goals of Supply Chain Information Technology | 09 | 3 | 5 |

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