

Roll No. 

Total No. of Pages : 02

Total No. of Questions : 08

**M.Tech.(ME) (Sem.-3)**  
**SUPPLY CHAIN MANAGEMENT**

Subject Code : MME-537

M.Code : 38219

Time : 3 Hrs.

Max. Marks : 100

**INSTRUCTION TO CANDIDATES :**

1. Attempt any FIVE questions out of EIGHT questions.
2. Each question carries TWENTY marks.

1. a) Explain the key components of 'Supply chain'. (10)  
b) Discuss the various objectives that can be achieved through SCM. (10)
2. a) Explain Architecture of Supply chain. (10)  
b) How do you characterise the competitive strategy of retail chain BIG BAZAAR or MORE? What are the key customer needs these retailers aims to satisfy? (10)
3. a) Explain the Push, Pull and Push pull system. What is the effect of moving push pull boundary earlier in the supply chain? (10)  
b) How could a grocery store use inventory to increase responsiveness of the companies supply chain? (10)
4. a) A company is considering redesigning its logistics network. Evaluate the following options available to the company : (i) Having a small number of centrally located warehouses and (ii) A large number of warehouses closer to end customers. (10)  
b) Define JIT philosophy and explain its characteristics, goals, pre-requisites. (10)
5. a) Classify the vendors and discuss the vendor management for supply chains. (10)  
b) Discuss the modes of transportation and their performance characteristics in SCM. (10)

6. a) Discuss the role of IT in the success of Supply Chain Management. (10)
- b) How does lack of coordination in the supply chain impact the performance of the supply chain? (10)
7. a) How is Knowledge Management helpful for effective SCM? Explain. (10)
- b) How will you do the mapping of supply chain processes, suppliers and distributors? (10)
8. Write the short notes on the following :
- a) Hub and Spoke concept (7)
- b) Reverse Logistics (6)
- c) Global Sourcing (7)

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**NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.**