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Third Semester MBA Degree Examination, Dec.2024/Jan.2025

Logistics and Supply Chain Management

Time: 3 hrs.

Max. Marks: 100

- Note:** 1. Answer any *FOUR* full questions from Q.No.1 to Q.No.7.
 2. Question No. 8 is compulsory.
 3. M : Marks , L: Bloom's level , C: Course outcomes.

| | | | M | L | C |
|-----|----|---|----|----|-----|
| Q.1 | a. | Define Logistics concepts. | 3 | L1 | CO1 |
| | b. | Examine the key challenges of supply chain. | 7 | L4 | CO1 |
| | c. | Identify the operating objectives of logistics planning. | 10 | L3 | CO1 |
| Q.2 | a. | Define Inventory management concept. | 3 | L1 | CO4 |
| | b. | Explain various types of logistics. | 7 | L2 | CO1 |
| | c. | Examine in brief the cycle view of push/pull view in supply chain. | 10 | L4 | CO2 |
| Q.3 | a. | Define order/setup cost. | 3 | L2 | CO4 |
| | b. | Determine the approaches to analyse logistics system. | 7 | L5 | CO3 |
| | c. | What is meant by stock out cost and list out the consequences of stock out cost on your business? | 10 | L3 | CO1 |
| Q.4 | a. | Define Benchmarking. | 3 | L1 | CO1 |
| | b. | Explain the components of Inventory Decision. | 7 | L5 | CO4 |
| | c. | Examine the functions of transportation. | 10 | L4 | CO4 |
| Q.5 | a. | What is meant by VMI (Vendor Managed Inventory)? | 3 | L2 | CO1 |
| | b. | Define MRP in supply chain and why it is important. | 7 | L3 | CO4 |
| | c. | Examine any 3 inventory management techniques. | 10 | L4 | CO4 |
| Q.6 | a. | Identify the 5 drivers of supply chain. | 3 | L3 | CO2 |
| | b. | Examine the factors impacting Road transport cost. | 7 | L4 | CO4 |
| | c. | Analyze the Role of IT (Information Technology) in SCM (Supply Chain Management) | 10 | L5 | CO4 |

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| Q.7 | a. | Define F.O.B Pricing in Logistics. | 3 | L1 | CO3 |
| | b. | Identify the factors influencing distribution network design. | 7 | L3 | CO4 |
| | c. | Explain the methods and tools facilitating international logistics. | 10 | L5 | CO4 |
| Q.8 | | <p><u>Case Study [Compulsory] :</u></p> <p>India is going to be a 5 trillion \$ economy very soon in another 5 years. And it is observed in recent days, that all manufacturing and service industry in India are doing good. There is lot of opportunities for Indian companies to build “Vocal for Local” statement.</p> <p>Indian supply chain processes are reaching heights in terms of quality and experience. Most of the companies both public and private are engaged in quality SCM services. There are many private agencies like VRL, Sharma roadways, NAVTA travels are working towards successful logistics support.</p> <p>There are multiple challenges for Indian companies when it comes to speedy delivery proper packaging, AI handling and technology implementation in SCM activities. However, huge investment is happening in SCM due to Indian govt, positive actions towards infrastructure in recent days.</p> <p>2029 will be the Era of Indian Logistic System, where the country has pledged to reach higher heights in Global supply chain Network.</p> <p>Questions :</p> | | | |
| | a. | What are the major challenges that Indian Logistics is facing? | 10 | L1 | CO2 |
| | b. | How developing countries like India can implement new technology in SCM to overcome supply chain cost. | 10 | L1 | CO2 |
