



Roll No. :

Galgotias College of Engineering and Technology, Greater Noida

Pre University Test (PUT) : Odd Semester 2024 - 25

Course/Branch : **MBA** Semester : **III**

Subject Name : **Supply Chain Planning** Max. Marks : **100**

Subject Code : **KMLS 302** Time : **180 min**

- CO-1 : Applying various Techniques for Effective Supply Chain Planning.**
CO-2 : Understanding of Strategies of SCM and Logistics.
CO-3 : Application of Demand Forecasting Techniques with reference to SCM and Logistics.
CO-4 : Application of Various Demand Forecasting Techniques and Strategy in Real World Cases.
CO-5 : Understanding of Decision parameters for Inventory Management.

Section – A # 20 Marks (Short Answer Type Questions)

Attempt ALL the questions. Each Question is of 2 marks (10 x 2 = 20 marks)

Q. No.	CO#	Question Description # Attempt ALL the questions. Each Question is of 2 marks
1	a	CO1 What is total cost management in logistics? (K1)
b	CO1	CO1 List two components of integrated logistics management. (K1)
c	CO2	CO2 Define the concept of supply chain strategy. (K1)
d	CO2	CO2 Explain the purpose of the SCRM Maturity Model. (K2)
e	CO3	CO3 Explain the advantage of joint decision-making in the supply chain. (K2)
f	CO3	CO3 What is the primary focus of an agile supply chain? (K1)
g	CO4	CO4 What is the main goal of demand planning? (K1)
h	CO4	CO4 List commonly used techniques in demand forecasting? (K1)
i	CO5	CO5 What is the primary goal of collaborative planning, forecasting, and replenishment? (K1)
j	CO5	CO5 Explain advantages of adopting a quick response (QR) strategy in supply chain operations? (K2)

Section – B # 30 Marks (Long / Medium Answer Type Questions)

Attempt ALL the questions. Each Question is of 6 marks (5 x 6 = 30 marks)

- Q.2 (CO-1) : Explain recent trends in supply chain management and their impact on operations. (K5)
 OR
 Discuss logistics management integrated within the broader supply chain framework. (K6)
- Q.3 (CO-2) : Discuss two tools or techniques that organizations can use for risk management in supply chain strategy. (K6)
 OR
 Explain the purpose of the supply chain strategy matrix and how it is used to evaluate strategic decisions. (K5)
- Q.4 (CO-3) : Explain the role of shared goals in fostering collaboration and agility in the supply chain. (K5)
 OR
 Discuss the main drivers of agility in the supply chain, and why are they critical for success. (K6)
- Q.5 (CO-4) : Explain how demand management contributes to achieving a responsive and flexible supply chain. (K5)
 OR
 Discuss the accurate demand forecasting benefit supply chain operations? Provide examples. (K6)

Q.6 (CO-5) : How does Efficient Customer Response (ECR) contribute to customer satisfaction and supply chain optimization? Classify. (K4)

OR

Explain in the role of technology in facilitating sustainability within supply chain management. (K5)

Section – C # 50 Marks (Medium / Long Answer Type Questions)

Attempt ALL the questions. Each Question is of 10 marks.

- Q.7 (CO-1) : Attempt any ONE question. Each question is of 10 marks.
 a. Discuss the concept of integrated logistics management and its role in achieving seamless coordination across the supply chain. (K6)
 b. Explain the Supply Chain Operations Reference (SCOR) model, its components, and how it is used to improve supply chain performance. (K5)
- Q.8 (CO-2) : Attempt any ONE question. Each question is of 10 marks.
 a. Analyze the concept of supply chain strategic fit. Why is achieving a strategic fit essential for balancing responsiveness and efficiency in the supply chain? (K4)
 b. Explain the stages of supply chain strategy development. How do these stages contribute to creating a robust and efficient supply chain? (K5)
- Q.9 (CO-3) : Attempt any ONE question. Each question is of 10 marks.
 a. Discuss the concept of agility in the supply chain. How does an agile supply chain respond to dynamic market conditions? Provide examples to support your explanation. (K6)
 b. Discuss how lean thinking can be applied to business processes and supply chain management. Highlight its benefits and challenges. (K6)
- Q.10 (CO-4) : Attempt any ONE question. Each question is of 10 marks.
 a. Analyze the role of demand planning in supply chain management. What challenges do organizations face in achieving accurate demand planning? (K4)
 b. Evaluate the challenges and solutions involved in balancing demand and supply plans in production. How does this balance impact customer satisfaction? (K6)
- Q.11 (CO-5) : Attempt any ONE question. Each question is of 10 marks.
 a. Analyze the role of Just-In-Time (JIT) and Quick Response (QR) strategies in reducing supply chain costs and improving efficiency. Provide examples from real-world applications. (K4)
 b. Discuss the importance of enabling sustainability in supply chain strategy. How can organizations implement sustainable practices while maintaining profitability. (K6)