



Name:

Enrolment No:

**UNIVERSITY OF PETROLEUM AND ENERGY STUDIES**

**End Semester Examination, December 2023**

**Course: Logistics & Planning Strategy**

**Semester: V**

**Program: BBA (LM)**

**Course Code: LSCM 3011**

**Time : 03 hrs.**

**Max. Marks: 100**

**Instructions: All questions are compulsory.**

**SECTION A**  
**10Qx2M=20Marks**

S. No.	Describe the various terms mentioned below.	Marks	CO
Q 1	Competitive Advantage	2	CO1
Q 2	Flexibility and Adaptability	2	CO1
Q 3	Reverse Logistics	2	CO1
Q 4	Continuously monitoring transportation costs	2	CO1
Q 5	Request for Proposals (RFPs)	2	CO1
Q 6	Distribution Management	2	CO1
Q 7	Hazmat Warehouses	2	CO1
Q 8	Stock	2	CO1
Q 9	Supply Planning	2	CO1
Q 10	Economic order quantity (EOQ)	2	CO1

**SECTION B**  
**4Qx5M= 20 Marks**

Q 1	Explain the significance of inventory management in logistics and how it contributes to overall operational efficiency.	5	CO2
Q 2	Differentiate between inbound and outbound logistics, highlighting their respective importance in the supply chain.	5	CO2
Q 3	Explain the role of technology in enhancing visibility and tracking within transportation management processes.	5	CO2
Q 4	Explain the key functions of a modern warehouse in the context of supply chain management. Provide examples and discuss how these functions contribute to improving overall logistics efficiency.	5	CO2

**SECTION-C**  
**3Qx10M=30 Marks**

Q 1	Critically analyze and discuss the influence of technological advancements on logistics and planning strategies. Highlight specific technologies that	10	CO2
-----	---	----	-----

	have transformed or improved the efficiency of logistics processes and discuss the advantages they bring to businesses.		
Q 2	Explain the key components of a logistic system and how they contribute to the overall efficiency of supply chain management. Provide examples to illustrate the importance of coordination and integration within these systems.	<b>10</b>	<b>CO3</b>
Q3	Explain the concept of multimodal transportation and discuss its advantages and challenges in the context of modern supply chain management. Provide examples to support your arguments.	<b>10</b>	<b>CO3</b>
<b>SECTION-D</b> <b>2Qx15M= 30 Marks</b>			
Q 1	Discuss the key factors and considerations involved in designing an efficient logistics network. Elaborate on how companies can strategically plan and optimize their logistics network to achieve cost efficiency, responsiveness to customer demands, and adaptability to changing market conditions.	<b>15</b>	<b>CO4</b>
Q 2	Assess the environmental implications of transportation activities and the role of the transportation sector in contributing to climate change. Discuss innovative strategies and practices that transportation managers can adopt to promote sustainability, reduce carbon emissions, and minimize the ecological footprint of transportation systems.	<b>15</b>	<b>CO3</b>