Name: **Enrolment No:**	

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Examination, December 2022

Course: **Distribution and Outbound Logistics**
Semester: 3rd
Program: **BBA-LM** **Time : 03 hrs.**
Course Code: **LSCM2013** **Max. Marks: 100**

Instructions:

SECTION A
10Qx2M=20Marks

S. No.		Marks	CO
Q 1	Inbound logistics activities are……..	**2**	**CO1**
Q2	The types of distribution channels in indirect outbound logistics are…….	**2**	**CO1**
Q3	Maximum value of Volume to Capacity ratio in mobility is **a.** 1 **b.** 2 **c.** 3 **d.** 4	**2**	**CO1**
Q4	Distribution refers to the steps taken to ….. and ……,a product from the supplier stage to a customer stage in the supply chain	**2**	**CO1**
Q5	Truck-water is called as ……	**2**	**CO1**
Q6	Indirect Marketing will be a good strategy if the following conditions exist: a. Number of buyers is small, b. Frequency of purchase is low, c. Volume per purchase is small, d. Financial position of manufacturer is strong	**2**	**CO1**
Q7	Manufacturer Storage with Direct Shipping also known as……..	**2**	**CO1**
Q8	**…….**is the amount of time it takes for a customer to receive an order.	**2**	**CO1**
Q9	With decrease in the desired response time increases the number of facilities required in the network. (True/ False)	**2**	**CO1**
Q10	In-transit merge decreases transportation costs relative to drop-shipping by aggregating the final delivery. (True/False)	**2**	**CO1**

SECTION B
4Qx5M= 20 Marks

Q1	Discuss all participants of transportations.	**5**	**CO2**
Q2	What is transportation management system?	**5**	**CO2**

Q3	What are challenges in outbound logistics? Discuss in brief.	**5**	**CO2**
Q4	How does transportation cost vary with number of facility? Discuss by using graphical analysis.	**5**	**CO2**
SECTION-C 3Qx10M=30 Marks			
Q1	Differentiate between inbound and outbound logistics.	**10**	**CO3**
Q2	Compare any of two distribution network design based on their performance characteristics.	**10**	**CO3**
Q3	Elaborate principles of transportations.	**10**	**CO3**
OR	Minimize: $w_1x_1 + w_2x_2$ $w_1 = 1$; $w_2 = 2$ Subjected to $f(x_1 , x_2) = x_1^{1/3}. X_2^{1/3}$ Solve by either of method	**10**	**C03**
SECTION-D 2Qx15M= 30 Marks			
Q1	What are the factors that influence transportation costs? Elaborate.	**15**	**CO4**
Q2	Discuss the factors that influences distribution network design.	**15**	**CO4**
OR	What are various types of fleet management technologies used nowadays? Discuss in detail.	**15**	**CO4**