

Model Question Paper (Blank) is on next page



Name:	
Enrolment No:	

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Examination, May 2023

Course: Logistics Planning and Strategy

Semester: 2nd

Program: MBA-LSCM

Course Code: LSCM 7005

Time : 03 hrs.

Max. Marks: 100

Instructions:

SECTION A
10Qx2M=20Marks

S. No.		Marks	CO
Q1	Category A in ABC Analysis contribute: a. Very low in overall profit b. Heavily to overall profit c. Medium to overall profit Any of the above	2	CO1
Q2	Suppose there are 20 customers and they each order 10 chocolates. The available stock of chocolates are 195. Calculate order fill rate and volume fill rate.	2	CO1
Q3	Just in Time is based on: a. Pull system b. Push system c. Inventory led system d. All	2	CO1
Q4	Modularity and product differentiation are the features of: a. Efficient supply chain b. Responsive supply chain c. Both efficient and responsive d. Logistic supply chain	2	CO1
Q5	For efficient supply chain price margin should be: a. Low b. High c. Medium d. Doesn't matter	2	CO1
Q6	Among three decision phases of supply chain, the uncertainty present in Operations phase is: a. Low b. High c. Very high	2	

	d. Medium		
Q7	Threat of new entrants in the market would be tougher if barriers present in the market are: a. Low b. High c. Independent of barriers d. Medium	2	CO1
Q8	For the benefits of customer, competitive rivalry should be? a. Low b. High c. Neutral d. Any of the above	2	CO1
Q9	Push system is: a. Demand driven b. Build to stock c. Build to machine d. None	2	CO1
Q10	Supply chain responsiveness includes a supply chain's ability to do the following: a. Meet low service level. b. Meet longer lead times. c. Handle a large variety of products. d. ALL	2	CO1
SECTION B 4Qx5M= 20 Marks			
Q1	Differentiate the term management with administration.	5	CO2
Q2	What do you mean by risk hedging strategy?	5	CO2
Q3	How is an efficient supply chain different from a responsive supply chain. Differentiate on the basis of pricing, inventory and lead time strategy.	5	CO2
Q4	Outline various spectrums of responsiveness?	5	CO2
SECTION-C 3Qx10M=30 Marks			
Q1	Elaborate Porter's competitive force model	10	CO3
Q2	Discuss three types of decision phases in supply chain in details.	10	CO3
Q3	Explain the strategic fit? How is it achieved?	10	CO3
SECTION-D 2Qx15M= 30 Marks			
Q1	Using Lee's Uncertainty Matrix discuss all types of supply chain strategies in detail.	15	CO4
Q2	Calculate: DIF, DOQ, DOT and DIFOT for each product. DIF = Delivered in Full,	15	CO4

DOQ= Delivered on Quality,

DOT= Delivery on Time,

DIFOT= Delivered in Full on Time

Product 1	Qty ordered	Qty supplied	Quality Issues	Qty delivered on time
Product 1	1000	880	50	600
Product 2	1500	1500	100	1200
Product 3	400	400	10	400
Product 4	2000	1500	0	1500
Product 5	800	800	0	700
Product 6	600	580	30	500
Product 7	85	85	5	85
Product 8	100	0	0	0
Product 9	8000	7800	100	7000
Product 10	60	60	0	60