Seat No.: Enrolment No GUJARAT TECHNOLOGICAL UNIVERSITY BE - SEMESTER-VII (NEW) - EXAMINATION - SUMMER 2017 Subject Code: 2172505 Date: 09/05/20 Subject Name: Supply Chain Management(Department Elective - II) Time: 02.30 PM to 05.00 PM Total Marks: Instructions: 1. Attempt all questions. 2. Make suitable assumptions wherever necessary. 3. Figures to the right indicate full marks.		: Enrolment No	Enrolment No	
Q.1	(a)	Describe any SEVEN types of supply chain, which are generic in nature with	07	
	(b)	their typical characteristics. How "Information" integrates rest of FOUR drivers? Explain it with neat sketch.	07	
Q.2	(a)	ABC Corporation has got a demand for particular part at 10,000 units/year. The	07	
		cost/unit is Rs. 2 and it cost Rs. 36 to place an order and to process delivery.		
		The inventory carrying cost is estimated at 9% of average inventory investment.		
		Determine:		
		(i) Economic Order Quantity		
		(ii) Optimum number of orders to be placed per annum.		
		(iii) Minimum total cost of inventory per annum.		
	(b)	Explain (i) ABC analysis (ii) FSN analysis (iii) HML analysis with respect to Supply chain in brief.	07	
	(b)	OR Compare traditional versus SCM based sourcing practices.	07	
Q.3	(a)	What are the factors affecting selection of Transportation Mode?	07	
Q.S	(a) (b)	What is the difference between 3PL & 4PL? Give examples of 3PL. OR	07	
Q.3	(a)	What is EDI? How it enhances effectiveness of I.T. when combines with GPS? State the benefits.	07	
	(b)	How Enterprise Resource Planning differs from Supply Chain Management?	07	
Q.4	(a)	Give example of Reverse Supply Chain Management. How it differs from	07	
	(b)	Forward Supply Chain? Discuss various "Attributes and Enablers" of Agility for functioning of successful Agile Supply Chain.	07	
Q.4	(a)	OR What do you mean by MCDM? Explain any one mathematical model for	07	

What abilities required for Supply Chain Integration? Explain any THREE

investigates strategies and action plans to leverage supplier wing.

Explain How Customer Supplier Relationship Management Systems (CSRM)

Collaboration Enabling Tools and Techniques.

supplier selection.

(b)

(a)

Q.5

07

07

(b) What do you mean by collaborative supply chain? Also describe collaboration **07** at various stages.

OR

- Q.5 (a) Considering Earthquake type disaster in mind, Discuss the case of humanitarian 07 supply chain.
 - (b) Considering yourself as a Fast Food Distributor, Analyze the distribution **07** system in Supply Chain by suitable case of your choice.
