## **GUJARAT TECHNOLOGICAL UNIVERSITY** ME SEMESTER II EXAMINATION – SUMMER 2017

Subject Code: 2725005 Subject Name: Logistic and Supply Chain Management

## Time:02:30 PM to 05:00 PM

## **Instructions:**

	1. 2.	Attempt all questions. Make suitable assumptions wherever necessary.	
	<i>2</i> . 3.	Figures to the right indicate full marks	
Q.1	(a)	What are the objectives of supply chain? Briefly explain different decision phases of supply chain.	07
	(b)	Clearly explain the role of various processes/functions in the value chain of an organization.	07
Q.2	(a)	Briefly explain any two supply chain drivers.	07
-	<b>(b)</b>	What are the obstacles to achieve strategic fit?	07
		OR	
	(b)	Explain the impact of bullwhip effect on various supply chain performance measures with suitable examples.	07
Q.3	(a)	Explain transportation-related metrics a manager should track, which influences supply chain performance.	07
	(b)	Which are the key components of pricing decision that affect supply chain performance? Explain.	07
		OR	
Q.3	(a)	What key decisions a manager must make, while designing distribution network? Explain any one distribution network design in detail.	07
	(b)	Draw the diagram for the framework for network design decisions and explain in brief.	07
Q.4	(a)	Explain the strategic roles for various facilities in global supply chain network.	07
	(b)	What are various measures of forecast error? Explain its importance. OR	07
Q.4	<b>(a)</b>	Consider the supply chain involved when a customer purchases a book at a book	07
		store. Identify the supply chain and push/pull boundary.	
	(b)	Briefly explain the inventory-related metrics, which influences supply chain performance?	07
Q.5	(a)	How static and adaptive forecasting methods differ?	07
	(b)	Briefly explain managerial levers to achieve coordination in supply chain. OR	07
Q.5	(a)	Briefly explain aggregate planning strategies.	07
·	(b)	Write a short note on Collaborative Planning Forecasting and Replenishment.	07

Seat No.: \_\_\_\_\_

Enrolment No.\_\_\_\_\_

Date: 30/05/2017

**Total Marks: 70** 

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