Seat No.: _____ Enrolment No._____

GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER–VIII EXAMINATION – SUMMER 2016

Subject Code:183405 **Date:16/05/2016**

Subject Name:Materials and Logistic Management

(Department Elective – II)

Time:10:30 AM to 01:00 PM **Total Marks: 70**

Instructions:

1. **Attempt all questions.**
2. **Make suitable assumptions wherever necessary.**
3. **Figures to the right indicate full marks.**

Q.1	**(a)**	What means by MRP in Material management? Explain the importance of MRP in industry.	**07**
	(b)	Briefly explain the various techniques for value engineering.	**07**
Q.2	**(a)**	Explain Purchase cycle in sequence with each step.	**07**
	(b)	State various modes of Purchasing and Explain any one of it with suitable example.	**07**
		OR	
	(b)	Explain the procedure of purchasing by open tender modes. And prepared format of required purchase documents.	**07**
Q.3	**(a)**	State various duties of store manager.	**07**
	(b)	Explain the method of disposal of surplus and obsolete items.	**07**
		OR	
Q.3	**(a)**	Differentiate centralized store and decentralized store.	**07**
	(b)	Explain the recording system in store management.	**07**
Q.4	**(a)**	State and explain the importance of Logistic management.	**07**
	(b)	Explain how economics & price factors affecting a transportation management.	**07**
		OR	
Q.4	**(a)**	What are the factors affecting the selection of warehouse? Briefly explain it.	**07**
	(b)	State and explain logistic operating responsibilities.	**07**
Q.5	**(a)**	State various types of supply chain. Explain any one type of supply chain.	**07**
	(b)	Define EMQ and explain its significance in Inventory management.	**07**
		OR	
Q.5	**(a)**	Define a supply chain and descried its importance.	**07**
	(b)	Differentiate fixed order Interval system and Fixed order quantity system.	**07**

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