

GUJARAT TECHNOLOGICAL UNIVERSITY
BE – SEMESTER – VIII. EXAMINATION – WINTER 2016

Subject Code: 183405**Date: 22/10/2016**

Subject Name: Materials and Logistic Management
(Department Elective – II)

Time: 02:30 PM to 05:00 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) Explain in details about the Material Requirement Planning. **07**
 (b) What is value Engineering? Briefly explain Value engineering techniques. **07**
- Q.2** (a) State the list of Documents required in Import with its function and importance. **07**
 (b) State the name of Different Purchasing Documents Required to place Order. **07**
 And Draw a standard format of Purchase order.
- OR**
- (b) Briefly Explain the Purchase Cycle with suitable example. **07**
- Q.3** (a) Define a store and stock. State various functions of store. What are the responsibility of store keeper? **07**
 (b) Explain about the mechanical & thermal Disposal system with suitable examples. **07**
- OR**
- Q.3** (a) “Right choice of Waste management technique is affect overall productivity of Industry” Justify the statement. **07**
 (b) Write a short note on store inventory Identification. **07**
- Q.4** (a) Discuss the transport planning Parameter with suitable example. **07**
 (b) Write a short note on the role of logistic management in Industry. **07**
- OR**
- Q.4** (a) Discuss the factors affecting the location of Warehouse. **07**
 (b) Discuss on the performance indicator of Logistic Management. **07**
- Q.5** (a) Briefly explain the risks involved in supply chain management with suitable example. **07**
 (b) Define Fixed Order quantity and Fixed order Interval system. How do you go for the inventory control of finished goods? **07**
- OR**
- Q.5** (a) Discuss the Principle objectives of supply chain Management. **07**
 (b) Write a short note on Probabilistic models of Inventory. **07**
