

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

Enrolment

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**BE - SEMESTER- VII EXAMINATION – SUMMER 2015**

**Subject Code: 171605**

**Date: 06/05/2015**

**Subject Name: Enterprise Resource Planning**

**Time: 02.30pm-05.00pm**

**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) Which are the phases of ERP implementation? State and explain. **07**  
(b) Describe tangible and intangible benefits of ERP. **07**

- Q.2** (a) Define: Lead-time, Cycle-time, Business Function, Business Process, Business Model, ROI, BOM **07**  
(b) Explain E-commerce and E-business with proper examples. **07**

**OR**

- (b) Explain Data Mining and Data Warehousing with proper examples. **07**

- Q.3** (a) State and explain the challenges faced by ERP implementation. **07**  
(b) Which are the functional modules of ERP? State and explain any two of them. **07**

**OR**

- Q.3** (a) Consider an ERP system for an engineering college. Which functional modules would be required? State and explain. **07**  
(b) Explain supply chain management and its importance. **07**

- Q.4** (a) Define CRM. Explain the same with a view of Mobile Manufacturing company. **07**  
(b) What is BPR? Which are the phases of it? State the challenges of BPR. **07**

**OR**

- Q.4** (a) Which are the three risk factors of ERP? Explain in detail. **07**  
(b) Explain: Intranet, Extranet, EDI, EFT. **07**

- Q.5** (a) Explain Product Life Cycle Management of an ERP. **07**  
(b) Explain various sub system of Plant Maintenance Module. **07**

**OR**

- Q.5** (a) Explain various functions of Quality Management Module. **07**  
(b) Explain MRP and MRP II. **07**

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