

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**BE - SEMESTER-VII • EXAMINATION – WINTER • 2014**

**Subject Code: 171605****Date: 29-11-2014****Subject Name: Enterprise Resource Planning****Time: 10:30 am - 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 is ERP? Explain business function and business process in detail. **07**  
 (b) State and explain different types of risk involved in ERP implementation. **07**
- Q.2** (a) State and explain benefits of ERP in detail. **07**  
 (b) Explain business modeling and integrated data model. **07**
- OR**
- (b) Explain MRP, MRP-II and DRP. **07**
- Q.3** (a) Explain PLM and CRM with proper examples. **07**  
 (b) Define and explain data mining and data warehousing. **07**
- OR**
- Q.3** (a) Explain BPR and OLAP with proper examples. **07**  
 (b) Differentiate e-commerce and e-business. Explain with examples. **07**
- Q.4** (a) State the phases of ERP implementation life cycle. Explain any three of them in detail. **07**  
 (b) Explain the challenges which can be faced before, during and after ERP implementation. **07**
- OR**
- Q.4** (a) State the functional modules of ERP system. Explain any three of them in detail. **07**  
 (b) Explain BOM in detail with proper example. **07**
- Q.5** (a) Which are the ERP transition strategies? Explain any two of them with their pros and cons. **07**  
 (b) Define following terms: **07**  
 ROI, Lead-time, Cycle-time, EDI, EFT, GIS, Extranet
- OR**
- Q.5** (a) State the basic functions of JD Edwards – Enterprise One. Explain any two of them with their sub functions. **07**  
 (b) Explain E-Business process model. **07**

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