

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

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

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**B.E. Sem-III Regular / Remedial Examination December 2010**

**Subject code: 131601**  
**Subject Name: Business Information System**

**Date: 18 /12/2010**

**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) Explain Levels and Categories of Information. **07**  
(b) Explain Reliability of Computer Configuration. **07**
- Q.2** (a) i. Compare Open and Closed Systems. **03**  
ii. Explain Data representation. **04**  
(b) Explain Optical Character Recognition. **07**
- OR**
- (b) Explain Business Work Area in detail. **07**
- Q.3** (a) Explain Data Storage Media. **07**  
(b) Explain types of word Processors. **07**
- OR**
- Q.3** (a) Explain File-Record Structures **07**  
(b) Explain real time Computer Configurations. **07**
- Q.4** (a) What is Interviewing? Give the Guidelines to Interviewing Design. **07**  
(b) Explain Hierarchical and Faceted classification. **07**
- OR**
- Q.4** (a) Explain Changeover Procedure in detail. **07**  
(b) List out the Requirements of Code Numbers and Explain Code numbering schemes in detail. **07**
- Q.5** (a) Explain security and Audit with respect to system design **07**  
(b) Explain Inventory Management System Design. **07**
- OR**
- Q.5** (a) Explain Data Communication and Expert Systems. **07**  
(b) Explain Storage and Access Modes of Direct Access file organization. **07**

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