

GUJARAT TECHNOLOGICAL UNIVERSITY**M. B. A. 1ST Semester Remedial Examination –July- 2011****Subject code: 810003****Subject Name: Management Information Systems****Date: 08/07/2011****Time: 02:30 pm – 05:30 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 Management Information System? Explain importance of MIS to business manager. **07**
(b) Describe the characteristics of Transaction Processing System (TPS) and role they play in a business. **07**

- Q.2** (a) What is IT infrastructure? List and describe the components of IT infrastructure that firms need to manage. **07**
(b) Define a data warehouse, explaining how it works and how it benefits organizations. **07**

OR

- (b) What is network topology? Name and explain principal network topologies. **07**

- Q.3** (a) List and explain the most common threats against contemporary information systems. **07**
(b) Describe the roles of firewalls, intrusion detection systems, and antivirus software in promoting security. **07**

OR

- Q.3** (a) Compare and contrast E-Commerce Vs. M-Commerce. **07**
(b) Increased use of Information Technology has led to more concern for ethical business practices. Do you agree? Discuss. **07**

- Q.4** (a) Define an enterprise system and explain how enterprise software works. **07**
(b) Define an expert system, describe how it works, and explain importance to business. **07**

OR

- Q.4** (a) Write a short note on Decision Support System **07**
(b) Differentiate between systems analysis and systems design. Describe the activities for each. **07**

- Q.5** (a) What are the objectives of project management and why is it so essential in developing information systems? **07**
(b) List the major challenges of global information system and suggest management solutions. **07**

OR

- Q.5** (a) Write a note on 'Business Process Reengineering' **07**
(b) Write a note on 'Linux Vs Windows'. **07**
