

GUJARAT TECHNOLOGICAL UNIVERSITY

MBA - SEMESTER-I • EXAMINATION – SUMMER • 2014

Subject Code: 810003

Date: 30-05-2014

Subject Name: Management Information System

Time: 14.30 pm - 17.30 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) Explain the role of Information System (IS) in management. **07**
(b) List and briefly describe the major types of systems in organizations. **07**
- Q.2** (a) Explain the various types of Network Topologies with diagram. **07**
(b) Differentiate between Internet, Intranet & Extranet. **07**
- OR**
- (b) Write a note on : Business Process Reengineering (BPR) **07**
- Q.3** (a) Briefly elaborate Hacking and Computer crimes. **07**
(b) Discuss the role of Firewalls, Intrusion Detection System and Encryption System in promoting security. **07**
- OR**
- Q.3** (a) Differentiate between TPS & MIS. **07**
(b) Short note: ERP System. **07**
- Q.4** (a) Define DSS. Explain main features and types of DSS. **07**
(b) Define Data and Information. Discuss various characteristics of Information. **07**
- OR**
- Q.4** (a) Explain in detail the concept of “E-commerce”. **07**
(b) List the major challenges of global information system and suggest management solutions. **07**
- Q.5** (a) What is IT infrastructure? List and describe the components of IT infrastructure **07**
(b) Explain following terms with the help of diagram. **07**
a) Peer-to-peer computing
b) Client-server computing
- OR**
- Q.5** (a) Enlist and briefly explain the steps required to build new information system. **07**
(b) Write a note on Transaction Processing System (TPS). **07**
