Seat No.:	Enrolment No.

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. Make suitable assumptions wherever necessary. 3. Figures to the right indicate full marks. 0.1 Explain the role of Information System (IS) in management. 07 List and briefly describe the major types of systems in organizations. 07 **(b)** Explain the various types of Network Topologies with diagram. 07 **Q.2** (a) Differentiate between Internet, Intranet & Extranet. 07 **(b)** Write a note on: Business Process Reengineering (BPR) 07 0.3 Briefly elaborate Hacking and Computer crimes. 07 Discuss the role of Firewalls, Intrusion Detection System and Encryption 07 System in promoting security. OR Differentiate between TPS & MIS. 07 0.3 (a) **(b)** Short note: ERP System. 07 **Q.4** (a) Define DSS. Explain main features and types of DSS. **07** Define Data and Information. Discuss various characteristics of Information. **(b)** 07 OR Explain in detail the concept of "E-commerce". 07 **Q.4** (a) (b) List the major challenges of global information system and suggest 07 management solutions. What is IT infrastructure? List and describe the components of IT infrastructure 07 0.5 (a) Explain following terms with the help of diagram. 07 a) Peer-to-peer computing b) Client-server computing OR Enlist and briefly explain the steps required to build new information system. **Q.5** 07 (a) Write a note on Transaction Processing System (TPS). 07
