

**GUJARAT TECHNOLOGICAL UNIVERSITY****SEMESTER– 1 EXAMINATION – WINTER 2012****Subject code: 810003****Date: 05/01/2013****Subject Name: Management Information Systems (MIS)****Time:14:30 – 17:30****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)** What do you mean by Data & Information? Discuss various attributes of information. **07**

**Q.2 (a)** Differentiate between TPS & MIS. **07**

**(b)** What are the different components of information systems? Explain Management, Organization & Technology dimensions of information system. **07**

**OR**

**(b)** Explain various phases of System Development Life Cycle. **07**

**Q.3 (a)** Compare and contrast E-Commerce v/s M-Commerce. **07**

**(b)** Define Knowledge Management. What are the advantages of Knowledge Management? **07**

**OR**

**Q.3 (a)** Define ERP. Discuss the advantages of implementing ERP. **07**

**(b)** Identify and describe three major enterprise applications. **07**

**Q.4 (a)** Describe Hacking and Computer crimes. **07**

**(b)** Increased use of Information Technology has lead to more concern for ethical business practices. Do you agree? Discuss. **07**

**OR**

**Q.4 (a)** Discuss the role of Firewalls, Intrusion Detection System and Encryption system in promoting security. **07**

**(b)** Differentiate between Internet, Intranet & Extranet. **07**

**Q.5 (a)** Write a note on “Business Process Reengineering”. **07**

**(b)** Define LAN. Explain the various types of topologies with diagram. **07**

**OR**

**Q.5 (a)** List the major challenges of global information system and suggest management solutions. **07**

**(b)** How do cultural, legal, political and social expectations affect global business? **07**

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