Seat No.: _____                                          Enrolment No._____

# 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.**

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|---|---|---|---|
| **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**

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

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|---|---|---|---|
| **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**

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|---|---|---|---|
| **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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