

**GUJARAT TECHNOLOGICAL UNIVERSITY****MBA - SEMESTER-I • EXAMINATION – WINTER 2013****Subject Code: 810003****Date: 03-01-2014****Subject Name: Management Information System****Time: 10.30 am – 01.30 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)** How do we define Data and Information? Discuss various attributes of information. **07**

**(b)** Define Information System. Discuss briefly the main dimensions of Information Systems. **07**

**Q.2 (a)** Explain briefly the IT Infrastructure Ecosystem with the help of a diagram. **07**

**(b)** Distinguish between Decision Support System and Management Information System. **07**

**OR**

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

**Q.3 (a)** What is the function of risk assessment? How is it conducted for information systems? **07**

**(b)** Briefly elaborate Hacking and Computer crimes. **07**

**OR**

**Q.3 (a)** What is business ethics? Explain privacy issues briefly. **07**

**(b)** Write Short notes on: **07**

- 1) Peer to peer computing
- 2) Client server computing

**Q.4 (a)** Explain in detail the concept of “Business Process Reengineering” **07**

**(b)** How do enterprise systems provide value for a business? **07**

**OR**

**Q.4 (a)** “ERP plays an important role in achieving the operational excellence in a business” – Elucidate the statement in the light of its advantages to a business giving appropriate examples. **07**

**Q.4 (b)** What are Knowledge Work Systems? What role do they play in Knowledge Management? **07**

**Q.5 (a)** Define and describe open-source software with reference to Linux. In which ways open-source software benefit businesses? **07**

**(b)** Discuss various phases involved in System Development Life Cycle. **07**

**OR**

**Q.5 (a)** Describe ways the Internet can be used in international information systems. **07**

**(b)** As a manager or user of information systems, what would you need to know to participate in the design and use of a DSS or an ESS? Why? **07**

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