

GUJARAT TECHNOLOGICAL UNIVERSITY**SEMESTER– 2 EXAMINATION – WINTER 2012****Subject code: 2820002****Date: 04/01/2013****Subject Name: Management Information System****Time: 10:30 – 13:30****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) Define Information System. What are the main dimensions of Information System? 07

(b) Discuss various information systems serve at different level of organization. 07

Q.2 (a) What is network topology? Name and explain principal network topologies. 07

(b) Explain in detail computer crime and hacking as the biggest issue to the information system. 07

OR

(b) What are the security measures that a company can use to manage their security? 07

Q.3 (a) Discuss the factors of organization affecting use of information system in an organization. 07

(b) Define GDSS. What are the components of it? 07

OR

Q.3 (a) Differentiate between application software and system software. List out and explain various application and system software. 07

(b) What are the problems with traditional file environment? 07

Q.4 (a) What are the key digital networking technologies? Explain each in detail. 07

(b) What are the principle technologies and standards for wireless networking, communications and Internet access? 07

OR

Q.4 (a) What is an Internet? List out and explain major internet services. 07

(b) Define Expert System. What are the applications of the expert system? 07

Q.5 (a) Define ERP System. What is the role of it in a business? 07

(b) What are the strategic business objectives of Information System? 07

OR

Q.5 (a) 'Piracy and Privacy are the biggest issues created by the information technology' - Do you agree? Justify your answer. 07

(b) Explain the behavioural and economic impact of information system on an organization. 07
