

GUJARAT TECHNOLOGICAL UNIVERSITY
MCA - SEMESTER-IV • EXAMINATION – WINTER • 2014

Subject Code: 2640004**Date: 04-12-2014****Subject Name: Management Information Systems (MIS)****Time: 10:30 am - 01:00 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) Explain the impact of IT on organization and society. 07
 (b) Differentiate between data and information. Explain the different types of information. 07

Q.2 (a) Describes the needs of MIS for information systems. 07
 (b) What is information overload? How does it occur? How can one control it? 07

OR

(b) Write a short note on decision support system. 07

Q.3 (a) 1) Explain the process of decision making. 07
 2) Explain how information plays an important role to decision making.
 (b) Write a short note on knowledge based expert systems. 07

OR

Q.3 (a) 1) Describes the benefits of decision support system. 07
 2) What do you mean by knowledge and knowledge management systems?
 (b) How can one measure the quality of information? What are the parameters that impact its quality? 07

Q.4 (a) A shopping mall is setup in the area of satellite, in Ahmedabad city. Find out as what information is generated from MIS, for the lower level of management, middle level of management and top level of management. 07
 (b) What is rational decision? Why is it difficult to implement? What are the problems in rational decision making? Explain. 07

OR

Q.4 (a) What is meant by the system implementation? Discuss various implementation strategies for a newly – developed MIS in your organization. 07
 (b) Describe the relationship between executive support system (ESS), management information system (MIS), and decision support system (DSS). 07

Q.5 (a) How is MIS applied in financial management? Discuss in details its applications including accounting, query, decision analysis. 07
 (b) 1) Explain given types of crimes in details: i) Hacking ii) Computer Fraud 07
 2) What is virus? State measures required for securing system from viruses? 07

OR

Q.5 (a) Discuss the importance of security in I.T./information systems and explain the various measures, which could be initiated to minimize. 07
 (b) 1) What is role of MIS in Hotel management? 07
 2) Explain the Application of MIS in Materials Management. 07
