

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

MCA - SEMESTER-IV • EXAMINATION – SUMMER • 2015

Subject Code: 640004

Date: 18-05-2015

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 types of information in depth. What are the information needs for Human Resource Management and finance management? **07**
- (b)** Explain following terms **07**
1. Knowledge
 2. Intellectual
 3. Privacy
 4. Programmed decision
 5. DSS
 6. Digital Certificate
 7. Key loggers
- Q.2 (a)** Describe Herbert Simon model for decision making process. Also describe methods of conflict resolutions. **07**
- (b)** Write brief note on general model of human as an information processor **07**
- OR**
- (b)** What is mean by knowledge management? What are the driving force behind knowledge management **07**
- Q.3 (a)** Explain generalized model of the system with concept of filter and boundary. Explain with example **07**
- (b)** **07**
1. Explain Life cycle approach for development of MIS
 2. What approach should be followed for development of MIS?
- OR**
- Q.3 (a)** In how many types classes of information can divide? Explain any two classes of system in depth. **07**
- (b)** List the features contribution to the success and failure of MIS development **07**
- Q.4 (a)** What is mean by DSS? Explain types of DSS. Also discuss facts about DSS **07**
- (b)** What is service? What are the principles behind good service? Write a brief note on service management system **07**
- OR**
- Q.4 (a)** **02**
1. What is the difference between DSS and GDSS?
 2. Write note on AI **02**
 3. Give the benefits of DSS **03**
- (b)** Explain input documents, applications, queries decision analysis control types of reports, decision analysis and action update in Personal applications of MIS with example. **07**
- Q.5 (a)** What is mean by system vulnerability? Explain how systems are vulnerable by the use of internet and Wi-Fi. **07**
- (b)** Explain Following **07**
1. Firewall
 2. Intrusion Detection System

OR

- Q.5 (a)** Define computer crime. Give two examples each in which computers are targets and computers are used as instruments of crime **07**
- (b)** Explain Following **07**
1. MIS audit
 2. Disaster Recovering Planning
