

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

MCA - SEMESTER-IV • EXAMINATION – WINTER • 2015

Subject Code: 2640004

Date: 04/12/2015

Subject Name: Management Information Systems (MIS)

Time: 10.30 a.m. to 01.00 p.m.

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 management structure and discuss management and information requirements. 7

- (b) (i) Discuss methods to avoid misuse of Information. 4
(ii) Explain Attributes of the Information. 3

Q.2 (a) How data is processed to meet the functional requirements of a store? Discuss. 7

(b) Define Ethics and explain ACM code of Ethics and Professional Conduct. 7

OR

(b) Discuss Impact of Information Technology on the Workplace. 7

Q.3 (a) What is Rational-Decisions-Making? Explain the problems in making rational decisions. 7

(b) Discuss Decision Analysis by Analytical Modelling. 7

OR

(a) How the decision tree analysis is useful in selecting the set of the decisions? Discuss this with one example. 7

(b) Discuss how quality of information improves the knowledge and decision-making capability of the people. 7

Q.4 (a) Explain how knowledge gives a competitive advantage to the organization. 7

(b) Explain role of MIS in Banking sector. 7

OR

- (a) Write a short note on (i) Transaction Processing System and (ii) Application Processing System (APS). **7**
- (b) What is a conflict resolution? Explain Conflict Resolutions Methods. **7**
- Q.5 (a) Explain Malware in MIS security. **7**
- (b) (i) Explain role of MIS in Hospital section. **3**
- (ii) Discuss factors influencing Customer Service Design. **4**

OR

- (a) Explain following terms: (i) What if Analysis (ii) Goal Seeking Analysis and (iii) Sensitivity Analysis. **7**
- (b) How MIS is applied in Production Management? Discuss in detail its application including Accounting, Query and Reports & Screen Display. **7**
