

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
MCA– SEMESTER –IV EXAMINATION –SUMMER-2019

Subject Code: 2640004

Date: 21-05-2019

Subject Name: Management Information System

Time: 10.30 am to 1.00 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) Write information attributes and methods to avoid misuse of Information. **07**
(b) Categorize management structure and information requirements for management. **07**
- Q-2** (a) Discuss benefits of MIS and different types of information at all levels of MIS are required for a Departmental store. **07**
(b) Discuss intellectual property, copyright and patents. **07**
- OR**
- (b) Discuss the role of encryption, digital certification in public key infra-structure **07**
- Q-3** (a) Discuss Methods of conflict resolution and methods of dealing with uncertainty for enhancing organizational decision making. **07**
(b) Discuss Decision Analysis by Analytical Modelling. **07**
- OR**
- (a) Discuss Rational-Decisions-Making and challenges faced in it. **07**
(b) How the decision tree analysis is useful in selecting the set of the decisions? Discuss this with one example. **07**
- Q-4** (a) Discuss Objective of Personnel Management with the input transactions, applications queries decision analysis, and control types and action update reports in MIS. **07**
(b) Discuss General model of Human as an Information Processor. **07**
- OR**
- (a) Compare Decision support system and Artificial Intelligence. **07**
(b) Demonstrate the material management applications in MIS with input transactions, applications, queries decision analysis, control types of reports, decision analysis and action update reports with example. **07**
- Q-5** (a) Discuss challenges in protecting information resources and use of tools & technologies for it. **07**
(b) Discuss (1) impact of IT on privacy (2) Driving forces behind KM. **07**
- OR**
- (a) Justify “Information as a quality product”. Discuss methods of data and information collection. **07**
(b) Discuss Business value of security and control. **07**
