

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
MCA - SEMESTER-IV • EXAMINATION – SUMMER - 2017

Subject Code: 640004

Date: 06/06/2017

Subject Name: Management Information Systems (MIS)

Time: 10.30 AM TO 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)** State and explain the different types of information giving suitable examples. **07**
(b) Define Management Information system (MIS). What are benefits of MIS? **07**
Explain what different types of information at all levels of MIS are required and useful for Human Resource Management.
- Q.2 (a)** What are the attributes of Information? Describe methods to avoid misuse of **07**
information.
(b) How information effects manager's decisions. What are the different methods to **07**
help manager to decide among Decision alternatives to achieve goal. Explain any
two of methods with examples.
- OR
- (b)** What do you understand by rational decision making? Explain the various **07**
problems encountered in making rational decisions.
- Q.3 (a)** Explain the different DSS models. Discuss giving suitable examples of any **07**
one model in detail.
(b) Explain Decision Support System (DSS) and Application Processing System **07**
(APS) with its applications.
- OR
- Q.3 (a)** List the features contribution to the success and failure of MIS development. **07**
(b) Explain Knowledge Management and Business Intelligence with examples. **07**
- Q.4 (a)** Explain application of MIS in Personnel Management. **07**
(b) What are the two types of models for developing MIS? Explain any one in detail. **07**
- OR
- Q.4 (a)** What is service? What are the principles behind good service? Write a brief note **07**
on service management system.
(b) Explain input transaction, applications, queries decision analysis control types of **07**
reports, decision analysis and action update in Production applications of MIS
with example.
- Q.5 (a)** Explain firewalls and intrusion detection systems. **07**
(b) What do mean by Information security? Why information has to be more secure **07**
in E-business applications. What are the probable measures to be taken for same?
- OR
- Q.5 (a)** What is mean by system vulnerability? Explain how systems are vulnerable by **07**
the use of internet and Wi-Fi.
(b) Explain following: **07**
(A) Spyware and Key-loggers.
(B) Firewall and Biometric Authentication.
