

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
MCA - SEMESTER-IV • EXAMINATION – WINTER 2016

Subject Code: 2640004

Date: 25/10/2016

Subject Name: Management Information System

Time: 10.30 am to 01.00pm

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 intellectual property, copyright and patents. **07**
(b) What is statutory information? What statutory information is expected from a hospital? **07**
- Q.2** (a) Explain TPS (Transaction Processing System). **07**
(b) Describe the role of encryption, digital certification in public key infra-structure. **07**
- OR**
- (b) Explain general model of a Human as an Information Processor. **07**
- Q.3** (a) Explain Herbert Simon model of decision making. **07**
(b) What is the meaning of system performance? How do you measure efficiency and effectiveness of the system? **07**
- OR**
- Q.3** (a) Explain how data will be processed in a bank when a cheque is presented by a customer and payment made to him. (Assume that the bank uses computers). **07**
(b) Explain Decision Support System. **07**
- Q.4** (a) Write short note on Knowledge Management System. **07**
(b) Discuss MIS applications in service industry. **07**
- OR**
- Q.4** (a) Name and describe three authentication methods. **07**
(b) Discuss the problems in making rational decisions. **07**
- Q.5** (a) Discuss impact of IT on privacy. **07**
(b) What are the contents of MIS plan? What is the purpose of each of them? **07**
- OR**
- Q.5** (a) Discuss classification of the information. **07**
(b) Explain Decision tree analysis. **07**
