Seat No.:	Enrolment No.

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

	•	Code: 2640004 Date: 25/10/20.	16	
Su	bject	Name: Management Information System		
-		-	Total Marks: 70	
Ins	truction			
	1. 2.	Attempt all questions.  Make suitable assumptions wherever necessary.		
	3.	Figures to the right indicate full marks.		
Q.1	(a)	Explain intellectual property, copyright and patents.	07	
	<b>(b)</b>	What is statutory information? What statutory information is expected from a hospital?	07	
<b>(b</b> )	(a)	Explain TPS (Transaction Processing System).	07	
	<b>(b)</b>	Describe the role of encryption, digital certification in public key infra-structure. <b>OR</b>	07	
	<b>(b)</b>	Explain general model of a Human as an Information Processor.	07	
Q.3	(a)	Explain Herbert Simon model of decision making.	07	
	<b>(b)</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>(b)</b>	Explain Decision Support System.	07	
Q.4	(a)	Write short note on Knowledge Management System.	07	
	<b>(b)</b>	Discuss MIS applications in service industry.  OR	07	
Q.4	(a)	Name and describe three authentication methods.	07	
	<b>(b)</b>	Discuss the problems in making rational decisions.	07	
Q.5	(a)	Discuss impact of IT on privacy.	07	
	<b>(b)</b>	What are the contents of MIS plan? What is the purpose of each of them?  OR	07	
Q.5	(a)	Discuss classification of the information.	07	
	(b)	Explain Decision tree analysis.	07	

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