Seat No.:	Enrolment No.

Subject Code: 640004

## GUJARAT TECHNOLOGICAL UNIVERSITY

MCA - SEMESTER-IV • EXAMINATION – WINTER 2016

Date: 25/10/2016

Subject Name: Management Information System			
Time	e:10	.30 am to 01.00pm Total Marks: 70	
Instru	ction	s:	
	1.	Attempt all questions.	
		Make suitable assumptions wherever necessary.	
	3.	Figures to the right indicate full marks.	
Q.1	(a)	What is information? List various types of information. Why good Quality of	07
<b>V</b>	(30)	Information is critical to business?	٠.
	<b>(b)</b>		04
	(,,,	ii) Differentiate between Batch processing and Online processing.	03
<b>Q.2</b>	(a)	i) Define: a) Sniffing b) Rational Decision	02
		ii) Give one example of data, Information and Knowledge in Banking.	02
		iii) Give one example of Strategic, Tactical and Operational Information.	03
	<b>(b)</b>	What is privacy? What actions an individual can take to safeguard the privacy	<b>07</b>
		of information? How IT industry can be used to safeguard the privacy of	
		information?	
		OR	
	<b>(b)</b>		<b>07</b>
		protection.	
0.3	(a)	i) Explain in brief three methods used for selection of decision	04
Q.3	(a)	<ul><li>i) Explain in brief three methods used for selection of decision.</li><li>ii) What is software vulnerability?</li></ul>	04
	(b)		03
	(D)	ii) Explain in brief various authentication techniques used.	03
		OR	V <del>-1</del>
Q.3	(a)		07
Q.S	(b)		U1
	(0)	i) MIS Audit	04
		ii)Encryption and Public Key infrastructure	03
		, 31	
<b>Q.4</b>	(a)	What is system and system control? Discuss in depth various types of system.	<b>07</b>
	<b>(b)</b>	Write short notes:	
		i) Knowledge Management	04
		ii) Classification of Information	03
		OR	
<b>Q.4</b>	(a)	• •	<b>07</b>
	<b>(b)</b>		<b>07</b>
		collection.	
0.5	(2)	Evaluin the application of MIS in Incurance	07
Q.5	(a) (b)		07
	(U)	i) Knowledge Based Expert System	04
		ii) Security Policy	03
		n, seeming 1 one;	03

- Q.5 (a) Explain the application of MIS in Hospitals.
  - **07** (b) Explain in brief Group Decision Support system (GDSS)? How it differs from 07 DSS?

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