Seat No.: _____ *Enrolment No._____*

GUJARAT TECHNOLOGICAL UNIVERSITY

B.E. Sem-III Remedial Examination March 2010

Subject code: 131601 **Subject Name: Business Information System**
Date: 11 /03 /2010 **Time: 03.00 pm- 05.30pm**
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 the levels of information and categories of information.	**07**
	(b)	What is a system? What is a boundary? Explain the different types of the system.	**07**
Q.2	**(a)**	Explain the difference between key to disk system, key to diskette system and key to cassette system.	**07**
	(b)	Write a note on Electronic mail system.	**07**
		OR	
	(b)	Explain following :	
		1] Write a short note on Optical disk.	**03**
		2] Write a short note on magnetic drum with diagram.	**02**
		3] Describe the different types of management reports.	**02**
Q.3	**(a)**	Explain the different stages and iterations in system investigations.	**07**
	(b)	Explain following :	
		1] Explain the structure, usage of magnetic tape.	**04**
		2] Explain the Barcodes.	**03**
		OR	
Q.3	**(a)**	List the different types of printers and explain laser printer mechanism.	**07**
	(b)	Explain the difference between the serial file ,sequential file and indexed sequential file organization with structure	**07**
Q.4	**(a)**	Explain information system security in detail.	**07**
	(b)	What is change over? Briefly describe the changeover procedures.	**07**
		OR	
Q.4	**(a)**	List out factors that increase the risk to project failure and explain any three factors with suitable example.	**07**
	(b)	Explain following :	
		1] What is account payable system? What are the inputs and outputs of the system?	**02**
		2] What is payroll system? What are benefits if the payroll system is implemented inside the company?	**02**
		3] Write short note on costs and savings of the new system.	**03**
Q.5	**(a)**	Write a note on Inventory System Design.	**07**
	(b)	Explain different types of networks and show how communication helps in decision making.	**07**
		OR	
Q.5	**(a)**	Write a short note on Neural Networks.	**07**
	(b)	What is a code number system? Explain the classification of code number system with example.	**07**

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