Seat No.: _____   Enrolment No._____

GUJARAT TECHNOLOGICAL UNIVERSITY
BE - SEMESTER–III EXAMINATION – SUMMER 2016

Subject Code:131601   **Date:27/05/2016**
Subject Name:Business Information System
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)**	Explain forms of business organization. Explain the categories of information with suitable diagram.	**07**
	(b)	Define System. Narrate the elements of a system. Explain in detail the characteristics of a system.	**07**
Q.2	**(a)**	List out factors that increase the risk of project failure and explain any three factors with suitable example.	**07**
	(b)	Explain Fact-Finding methods.	**07**
		OR	
	(b)	Explain Simplex, half duplex & full duplex type of data transmission.	**07**
Q.3	**(a)**	What is an Account payable system? What are the inputs and outputs of the system?	**07**
	(b)	Explain user requirements. Describe in detail user knowledge and training. Give examples.	**07**
		OR	
Q.3	**(a)**	Define System Development. Explain in detail System Development Life Cycle with suitable diagram.	**07**
	(b)	What is word processing? Explain the types of word processors, mode of operation of word processors and applications of word processing in detail.	**07**
Q.4	**(a)**	Differentiate program testing, routine testing and test data in system implementation.	**07**
	(b)	List the different types of printers and explain laser printer mechanism.	**07**
		OR	
Q.4	**(a)**	Explain the different stages and iterations in system investigations.	**07**
	(b)	Explain the difference between the serial file, sequential file and indexed sequential file organization.	**07**
Q.5	**(a)**	Explain the process of system maintenance.	**07**
	(b)	Explain the types of computer configurations? Explain the reliability of computer configurations.	**07**
		OR	
Q.5	**(a)**	Explain information system security in detail.	**07**
	(b)	What is a computer crime? Briefly discuss the methods to minimize data threats.	**07**

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