GUJARAT TECHNOLOGICAL UNIVERSITY
MCA INTEGRATED – SEMESTER – I • EXAMINATION – SUMMER - 2016

Subject Code: 4410601   **Date: 24/05/2016**

Subject Name: Fundamentals of Computer

Time: 10:30am 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)**	**Abbreviation the following:**	**07**
		1) EPROM	
		2) CPU	
		3) ASCII	
		4) LED	
		5) USB	
		6) MICR	
		7) BIOS	
	(b)	Explain Machine Cycle in detail.	**07**
Q.2	**(a)**	What is Printer? Explain type of printer in detail.	**07**
	(b)	What is OpenOffice.org? Explain all applications in detail.	**07**
		OR	
	(b)	Explain Internal and External commands of DOS.	**07**
Q.3	**(a)**	Explain Unix file system in detail.	**07**
	(b)	What is RAM? Explain types of RAM in detail.	**07**
		OR	
Q.3	**(a)**	Draw and Explain block diagram of Computer.	**07**
	(b)	What is Computer Virus? Explain types of virus in detail.	**07**
Q.4	**(a)**	What is Operating System? Explain types of OS in detail.	**07**
	(b)	Describe all logical gates in detail.	**07**
		OR	
Q.4	**(a)**	Explain Classification of software in detail.	**07**
	(b)	Explain types of programming language in detail.	**07**
Q.5	**(a)**	Define: Computer. Explain Classification of computer system in detail.	**07**
	(b)	Draw and Explain any 7 Input Device in detail.	**07**
		OR	
Q.5	**(a)**	Draw and Explain any 7 Output Device in detail.	**07**
	(b)	What is Computer BUS? Explain types of BUS in detail.	**07**

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