Seat No.:	Enrolment No.
Seat No	Ellionnent No.

GUJARAT TECHNOLOGICAL UNIVERSITY

Subject Code: 4410601

Subject Name: Fundamental of Computer

MCA Integrated - SEMESTER-I • EXAMINATION - WINTER • 2014

Date: 23-12-2014

	Time: 10:30 am - 01:00 pm Instructions: Total Marks: 70		
Ins	1. 2.	Attempt all questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks.	
Q.1	(a) (b)	Answer the Following (1) Full form of CMOS (2) Full form of RAM (3) Full form of ROM (4) In computer the main part is (5) Full form of USB (6) Usage of SMPS in Computer System (7) What is PDA? What is ROM? Name various types of ROM and describe their main characteristics.	07
Q.2	(a) (b)	(1) $32768_{(10)} ={(2)}$ (2) $345_{(8)} ={(2)}$ (3) $10101_{(2)} ={(10)}$ What is cache memory? Explain working of it.	07 07
	(b)	Explain the types of monitors with example	07
Q.3	(a) (b)	What is Operating System? Explain different types of operating systems in detail Explain following linux commands (1) cal (2) date (3) echo (4) pwd (5) cd (6) mkdir (7) ls	07 07
7.	(a)	OR What is views? Explain how we can provent appeading of views in our computer.	07
Q.3	(a)	What is virus? Explain how we can prevent spreading of virus in our computer system	07
	(b)	Explain the usage of writer application of openoffice.org	07
Q.4	(a)	Explain any two internal and any two external commands of DOS operating system What is Largeness translator? Furthern the usesse of it with execute.	
	(b)	What is Language translator? Explain the usage of it with example OR	07
Q.4	(a) (b)	Explain limitations of computers What do you mean by "plug-n-play"? Explain with appropriate example	07 07
Q.5	(a)	 (1) Differentiate between serial and parallel ports (2) Types of bus Explain different type grinters Also explain weefulness of all types of printers	04
	(b)	Explain different type printers. Also explain usefulness of all types of printers	07

OR

Q.5	(a)	Explain the types of Programming languages	07
	(b)	(1) Use of * wildcard in DOS commands	03
		(2) Explain the use md,cd,rd and deltree commands of DOS	04
