Seat No.:	Enrolment No.

GUJARAT TECHNOLOGICAL UNIVERSITY

MCA Integrated – SEMESTER – I • EXAMINATION – SUMMER 2017

Subject Code: 4410601 D Subject Name: Fundamentals of Computer		Date: 30/05/2017	
•			Total Marks: 70
	2.	Attempt all questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks.	
Q.1	(a)	Give the full form of: (1) MICR (2) POST (3) VLSI (4) CD-ROM (5) LCD (6) ASCII (7) MODEM	07
	(b)	What is Virus? Explain its prevention techniques.	07
Q.2	(a)	Explain Logic gates with truth table and circuit diagram.	07
	(b)	List out output devices and explain any five devices. OR	07
	(b)	List out input devices and explain any five devices.	07
Q.3	(a) (b)	What is an Operating System? Explain types of programming langual What is Computer? Explain uses of computer. OR	ge. 07 07
Q.3	(a) (b)	Explain types of the printer in detail. What is Computer? Explain characteristics of computer.	07 07
Q.4	(a) (b)	What is Bus? Explain types of Bus. Explain Unix File System.	07 07
Q.4	(a) (b)	OR Explain Components of Motherboard. Explain all Coding Schemes in detail.	07 07
Q.5	(a) (b)	Explain Machine Cycles: Fetch, Decode, Execute, Store. What is Language translator? Explain usage of it with example OR	. 07
Q.5	(a) (b)	Explain types of programming languages. Explain the use of following DOS commands: cd,mkdir,rmdir,pwd,passwd,deltree,md	07 07