GUJARAT TECHNOLOGICAL UNIVERSITY
M.Sc Integrated – SEMESTER – II - EXAMINATION – SUMMER 2023

Subject Code: 1320505   **Date: 30/06/2023**
Subject Name: Introduction of Computer Hardware & Peripherals
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)**	**Define following terms**. 1) POST 2) ROM 3) DRAM	**(03)**
	(B)	What is input-output Device? Explain the role of input-output device in computer system.	**(04)**
	(C)	List and Explain different types of operating systems.	**(07)**
Q.2	**(A)**	Describe Structure of Computer.	**(03)**
	(B)	What are internal computer hardware components?	**(04)**
	(C)	What is Computer? Explain various types of Computers Generation.	**(07)**
		OR	
	(C)	Differentiate between the characteristic of primary and secondary memory of computer.	**(07)**
Q.3	**(A)**	Differentiate between floppy disk and hard disk.	**(03)**
	(B)	What is Diagnostic software? Explain different Diagnostic Tools.	**(04)**
	(C)	What is Network Troubleshoot? Explain step of Troubleshoot a Network problem.	**(07)**
		OR	
Q.3	**(A)**	Explain Static Random Access Memory.	**(03)**
	(B)	What is BIOS? Explain different Functions of BIOS.	**(04)**
	(C)	What is microprocessor? Explain different types of Microprocessor.	**(07)**
Q.4	**(A)**	Explain chip and module.	**(03)**
	(B)	What is RAM? Explain type of RAM.	**(04)**
	(C)	What is Control Panel? Explain in details categories of the Windows Control Panel.	**(07)**
		OR	
Q.4	**(A)**	What is use of SMPS in computer system.	**(03)**
	(B)	What is troubleshooting? How to troubleshoot "Power button will not start computer" Problem.	**(04)**
	(C)	List and Explain different Types of Computer Ports.	**(07)**
Q.5	**(A)**	List and Explain Components of Motherboard.	**(03)**
	(B)	Explain different type of Printer.	**(04)**
	(C)	List and Explain different Types of motherboard	**(07)**
		OR	
Q.5	**(A)**	Explain Master Boot Record.	**(03)**
	(B)	What is Partition? Explain Different Types of Disk Partition.	**(04)**
	(C)	List and Explain Types of Motherboard Form Factors.	**(07)**

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