Seat No				
,		GUJARAT TECHNOLOGICAL UNIVERSITY	3013	
		OMA ENGG VI th SEMESTER-EXAMINATION – MAY/JUNE- 2 le: 360703/2360703 Date: 29/0		
•			03/2012	
Subject Name: Computer Maintenance Fime: 10:30 am – 01:00 pm			Iarks: 70	
Ime. Instru		<u>-</u>	41 K 5• 7 U	
		tempt all questions.		
		ake suitable assumptions wherever necessary.		
		gures to the right indicate full marks.		
		glish version is considered to be Authentic	07	
Q.1	(a)	List various types of connectors on motherboard and explain each in detail.	07	
	(b)	Differentiate with example - Hardware, Software, and Firmware.	07	
Q.2	, ,			
	(a)	List various types of motherboards and Draw a layout of any one motherboard and describe major sections.	07	
	(b)	Explain general faults of computer system.	07	
	(-)	OR	•	
	(b)	Classify various types of memory used in computer system and	07	
O 2		explain each in brief.		
Q.3	(a)	List and Explain various standards of interface used for HDD in	07	
	(ω)	brief.	0.	
	(b)	Give classification of printers and explain each in brief.	07	
0.2	(0)	OR Classify Main manager, DIOS LIDD LISD flesh drive CD/DVD	07	
Q.3	(a)	Classify Main memory ,BIOS,HDD,USB flash drive,CD/DVD related to number of times we can write to and read from these	07	
		memories(i.e WORM etc.) and justify your answer.		
	(b)	Differentiate wired and wireless keyboard and explain various	07	
0.4		standards of wired keyboard in brief.		
Q.4	(a)	1. Differentiate LCD and CRT monitors	03	
	(ω)	2. List Various faults of monitors.	04	
	(b)	Classify following devices according to their function as INPUT	07	
		device, OUTPUT device or if both.		
		Scanner, Plotter, Speakers, Microphone, Web camera, Joy stick, Light pen, Barcode reader, Modem.		
		OR		
Q. 4	(a)	1. Explain general symptoms to identify faulty power supply.	04	
	/ b)	2. Differentiate UPS and Stabilizer	03	
	(b)	 Differentiate between External Modem and Internal Modem. Differentiate between Preventive and Breakdown maintenance. 	03 04	
Q.5		2. Differentiate between I revenuve and breakdown maintenance.		
	(a)	Explain POST in detail.	07	
	(b)	Write steps for accurate disassembly of computer system.	07	
Q.5	(a)	OR Prepare list of hardware required for computer centre.	07	
~.0	$\langle \omega \rangle$	1 1-1-11 11 of hard hard required for computer control	~ .	

Explain Layman checks for the troubleshooting of faulty computer

(a) (b)

system.

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