PARUL UNIVERSITY PARUL INSTITUTE OF APPLIED SCIENCES MID SEMESTER INTERNAL EXAMINATION, APRIL 2017 B. Sc./ IM. Sc. Semester II Subject: Advanced Computer Applications and Architecture Paper Code: 11100152

Time: 12.30 p.m. to 02.00 p.m.

Date: 20/04/2017 Maximum Marks: 40 Instructions:

- 1. All questions are compulsory and options are given in first and second question only.
- 2. Numbers to the right of question indicate the marks of respective question.

Q - 1	 Attempt any one question of the following. (i) Explain Printer and its types (ii) Explain Advantages and Disadvantages of Computer 	(08) (08) (08)
Q - 2	 Attempt any three questions of the following. (i) Explain components of computer with pictorial diagram (ii) Explain various types of computer (iii) Explain Central Processing Unit (CPU) (iv) Explain different types of cards in a computer (v) Explain Modems 	 (12) (4) (4) (4) (4) (4)
Q - 3	 Do as directed. Attempt all five questions. (i) What is the function of Digital Cameras (ii) Define Input Device (iii) Define Computer (iv) Name two kinds of viewing screen used for monitors (v) Define function of Logical Unit 	 (5) (1) (1) (1) (1) (1)
Q - 4	Write correct option in your answer sheet for following 15 multiple choice questions.	
MCQ 1	Which media holds more information?(A) Floppy Disk(B) CD(C) DVD(D) Hard Disk	(1)
MCQ 2	The main circuit board in the computer that connects the parts of the computer is the	(1)

	(A) Hard drive(C) Father Board	(B) (D)	MotherBoard Main Board	
MCQ 3	The brain of any computer system is(A) ALU(C) CPU	(B) (D)	Monitor Control unit	(1)
MCQ 4	VDU stands for(A) Video Display Unit(C) Visual Display Unit	(B) (D)	Visible Display Unit Video Diode Unit	(1)
MCQ 5	Pictures on the display screen (moni(A) Pixels(C) Bits		e made up of Layers of Color Video "packets"	(1)
MCQ 6	Eight Bits make up a(A) Byte(C) Megabyte	(B) (D)	kilobyte None of these	(1)
MCQ 7	The basic operations performed by a(A) Arithmetic operation(C) Storage and relative	(B) (D)	Logical operation	(1)
MCQ 8	In how many generations a compute (A) 3 (C) 5	r can b (B) (D)	e classified? 4 6	(1)
MCQ 9	Second generation computers are ma (A) Vaccum Tubes (C) LSI	ade of (B) (D)	Transistors VLSI	(1)
MCQ 10	The devices which translate the inforby computer(A) Input Device(C) Arithmetic and Logic Unit	rmatio (B) (D)	n into the form understandable Output Device Control Unit	(1)
MCQ 11	Which printer prints one character at(A) Character Printer(C) Laser Printer	t a time (B) (D)	e Line Printer Inkjet Printer	(1)
MCQ 12	Process of converting binary inform.(A) Modulation(C) Encryption	ation ii (B) (D)	nto analog signals is known as Demodulation Decryption	(1)
MCQ 13	Name the output device that print in (A) Printer	format (B)	ion on the paper Scanner	(1)

(C)	Digital Camera	(D)	Monitor
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MCQ 14	Which of the following is the part of Maintenance of Computer			(1)	
	(A)	Install AntiVirus Software	(B)	Clean your Keyboard and	
				Monitor	
	(C)	Check for updates of software and programs	(D)	All of the above	
MCQ 15	A card used to connect your computer to other computer network				(1)
	(A)	Sound Card	(B)	Video Card	

(C) Network Card (D) Graphics Card

-- End of Paper--

---- ALL THE BEST ----