C.U.SHAH UNIVERSITY **Summer Examination-2018**

Subject Name: Computer Basics & Organization

	Subject	Code: 4CS01BCB1		Branch: B. C. A.		
	Semester	r: 1 Date: 23/03/20)18	Time: 02:30 To 05:30	Marks: 70	
	 Instructions: (1) Use of Programmable calculator & any other electronic instrument is prohibited. (2) Instructions written on main answer book are strictly to be obeyed. (3) Draw neat diagrams and figures (if necessary) at right places. (4) Assume suitable data if needed. 					
Q-1		Attempt the following que	estions:			(14)
	a)	1 Nibble =	_bit.			
	b)	ASCII stands for	·			
	c)	is the base	of Octal numb	er system.		
	d)	What is Computer?				
	e)	LCD stands for				
	f)	Give Full Form of ROM.				
	g)	Give Full Form of OCR.				
	h)	Give Full Form of DVD.				
	i)	Give Full Form of DMA.				
	j)	Which device is used in 3 rd	¹ Generation co	omputer?		
	k)	What is Bluetooth?				
	l)	What is Minicomputer?				
	m)	Plotter is type of	device.			
	n)	Biometric is	_ type device.			
Atte	empt any f	four questions from Q-2 to	Q-8			
Q-2		Attempt all questions				
	a)	Enlist and explain Characte	eristics of Con	iputer.		(07)



	b)	Explain Computer Block Diagram.	(07)		
Q-3		Attempt all questions			
	a)	$(189)_{10} = (?)_2.$	(04)		
	b)	2's complement: 10010 =?	(05)		
	c)	$(177)_8 = (?)_{10}$	(05)		
Q-4		Attempt all questions			
	a)	Explain Interpreter.	(04)		
	b)	Explain Magnetic Disk.	(05)		
	c)	What is Bus? Explain Bus types.	(05)		
Q-5		Attempt all questions			
	a)	Explain NOR gate.	(04)		
	b)	What is Port? Explain types of Port available in computer.	(05)		
	c)	Explain Data Transmission mode.	(05)		
Q-6		Attempt all questions			
	a)	Explain types of Computers.	(07)		
	b)	Explain various types of Printer.	(07)		
Q-7		Attempt all questions			
	a)	Explain Assembler.	(04)		
	b)	Explain AND gate.	(05)		
	c)	Explain Multiprogramming Operating System.	(05)		
Q-8		Attempt all questions			
	a)	Explain Input Devices.	(07)		
	b)	Explain various types of Memory.	(07)		

