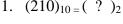
I	Enrollment No: _				
		C.U.SHAH	UNIVERSITY		
	Summer Examination-2020 Subject Name: Computer Basics & Organization				
S					
\$	Subject Code: 4CS01BCB1		Branch: BCA		
\$	Semester: 1	Date: 28/02/2020	Time: 02:30 To 05:30	Marks: 70	
	(2) Instructio(3) Draw nea		ny other electronic instrument is pook are strictly to be obeyed. ecessary) at right places.	prohibited.	
Q-1	Attempt	the following questions:		(14)	
	a) Define:			1	
		Operating System.		1	
	c) 1 Nibble			1	
	,	ll form of RAM.		1	
	-	complement of (111) complement of (10101110	,	1	
	g) (0011) ₂ =		<i>)</i> .	1	
	h) Define In			1	
		ll form of DVD.		1	
	,	ll form of EEPROM.		1	
	3 7	ll form of LCD.		1	
	l) Write the	e use of main frame comput	er.	1	
	•	ll form of Wi-Fi.		1	
	n) Define:	Memory		1	
Attem	npt any four ques	stions from Q-2 to Q-8.			
Q-2	Attempt	all questions.		(14)	

Atter Q-2

Q-3		Attempt all questions	(14)
	(b)	Draw and explain Memory hierarchy in detail.	07
	(a)	Draw and explain basic Block diagram of computer system.	07

	Attempt an questions	(14
(a)	Explain all Generations of computer.	07
(b)	Explain Adder with its types, logical circuit diagram and truth table.	07

Q-4		Attempt all questions	(14)
	(a)	Explain Assembler, Compiler and Interpreter.	07
	(b)	Do as directed:	07
		$(210)_{10}$ $(2)_{2}$	





		2. $(10110111)_2 = (?)_8$	
		3. (10101001) + (11010)	
		4. (110100) – (11110)	
		5. $(15)_8 = (?)_2$	
		6. (11010111) + (11000)	
		7. (011011) + (11010)	
Q-5			(14
	(a)	Explain LCD monitor working in detail	07
	(b)	Explain Printer with its types.	07
Q-6			(14
	(a)	Write a short note on: Bluetooth	04
	(b)	Write a short note on: OMR	03
	(b)	What do you mean by Scanner? Explain with its types.	07
Q-7			(14
	(a)	Explain Asynchronous Data Transfer.	03
	(b)	What do you mean by RPN? Explain with example.	04
	(c)	Explain any two types of Operating System.	07
Q-8			(14
	(a)	Explain Stack Organization with its PUSH & POP operation.	04
	(b)	Write a short note on : GPS	03
	(c)	Explain 4:1 MUX in detail.	07

