PRES SEMENTS

USN			15CS34
		Third Semester B.E. Degree Examination, June/July 2018	
		Computer Organization	
Tir	ne: í	3 hrs. / Max. Ma	rks: 80
	ľ	Note: Answer any FIVE full questions, choosing one full question from each mode	ule.
1	a. b.		(08 Marks) (08 Marks)
		OR	
2	a.	What is Subroutine? How to pass parameters to subroutines? Illustrate with an example of the subroutines of the subroutines is subroutines.	nple. (08 Marks)
	b.	TT	(08 Marks)
		Module-2	
3	a.	Define Bus Arbitration. With diagrams, explain the centralized bus arbitration med	hanism. (08 Marks)
	b.	With the help of timing diagram, briefly discuss the main phases of SCSI bus invo	
		OR	
4 200	a. b.	Explain the following methods of handling interrupts from multiple devices.	08 Marks) 08 Marks)
W		Module-3	
5	a. b.		(08 Marks) (08 Marks)
		OR	
6	a. b.		(08 Marks) (08 Marks)
		Module-4	
7	a.		tem. Also (06 Marks)
	h	i) $(-10) + (-13)$ ii) $(-10) - (-13)$ iii) $(-2) + (-9)$. Perform the multiplication of 13 and -6 using Booth algorithm and Bit – pair	recoding
	0.		(10 Marks)
		OR	
8	a.		(06 Marks)
	в.		(10 Marks)
9	a. b.	Write down the control sequence for the instruction Add (R ₃), R ₁ for s	_
			(06 Marks)
10	a	OR With block diagram, explain the general requirements and working of digital camer	ra
10	a.		(10 Marks)
	b.	Write the control sequence for an unconditional branch instruction.	(06 Marks)

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