

USN		15	5CS34
		Third Semester B.E. Degree Examination, June/July 2018	
		Computer Organization	
Tin	ne: í	3 hrs. Max. Mark	s: 80
	N	Note: Answer any FIVE full questions, choosing one full question from each module	?.
		Module-1	
1	a. b.	Define Addressing Mode. Give the details of different addressing modes. (08	Marks) Marks)
		OR	_
2	a.	What is Subroutine? How to pass parameters to subroutines? Illustrate with an examp	le. Marks)
	b.		Marks)
		Module-2	
3	a.	Define Bus Arbitration. With diagrams, explain the centralized bus arbitration mechan	nism. Marks)
	b.	With the help of timing diagram, briefly discuss the main phases of SCSI bus involved	
		OR	
4	a. b.	With neat diagrams, explain how to interface printer to the processor. (08 Explain the following methods of handling interrupts from multiple devices.	Marks)
American Ame	U.	1 1	○ Marks)
		Module-3	
5	a. b.		Marks) Marks)
•		OR	34 1 1
6	a. b.		Marks) Marks)
		Module-4	,
7	a.	Perform the operations on 5 - bit signed numbers using 2's complement system	
		indicate whether overflow has occurred. i) $(-10) + (-13)$ ii) $(-10) - (-13)$ iii) $(-2) + (-9)$.	Marks)
	b.	Perform the multiplication of 13 and -6 using Booth algorithm and Bit - pair re	_
		method.	Marks)
8	я	Perform the restoring division for 8 ÷ 3 by showing all the steps. (06)	Marks)
Ü	b.		Marks)
		Module-5	
9	_		Marks)
	b.		Marks)
		OR	ŕ
10	a.	With block diagram, explain the general requirements and working of digital camera.	Marks)
	b.		Marks)

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