9-CSE-65

Code No: 54056

**R09** 

## JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD B.Tech II Year II Semester Examinations, May - 2016 COMPUTER ORGANIZATION

(Computer Science and Engineering)

Time: 3 hours

Max. Marks: 75

## Answer any five questions All questions carry equal marks

				11 1/3		
1.a) b) 2.	Explain different fu Explain fixed point What are register branching with their	and floatin transfer lo	gic languages? Exp		[7+8] statements for [15]	
3.a) b) 4.a) b)	Discuss in detail Ad Differentiate betwee Explain Booth's algo Multiply 11011 with	n micropro	gramming and nano		[8+7]	36
5. 6.a) b)	Explain different Cad What is DMA? What What is an Input-Out	is its need	? Explain	es in detail.	[15] (15) (8+7)	
7.	Explain the following a) Parallel Processing b) Array Processors.	**************************************	AR.		∷:[ <u>8</u> +7]	
8.a) b)	Explain characteristic Discuss the differen coupled multiprocess programming technique	ce betwee fors from	n tightly coupled	multiprocessors hardware orga	and loosely anization and [5+10]	
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