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		Code	e No: 134AI JAWAHA	K ARLAL NEHRU	TECHNOLOG	GICAL UNIVER	RSITY HYDER	R16	
	g. Johnson			B.Tech II Yea	nr II Semester E OMPUTER ORG	xaminations, A GANIZATION	pril - 2018		
	AG	Time	Hours	AG	Common to	CSE/IT)	\(\)\(\)\(\)\(\)\(\)\(\)\(\)\(\)	x. Marks: 75	A
	Note: This question paper contains two parts A and B.  Part A is compulsory which carries 25 marks. Answer all questions in Part A.  Part B consists of 5 Units. Answer any one full question from each unit. Each question carries 10 marks and may have a, b, c as sub questions.  PART-A  PART-A  (25 Marks)								
	AG	_		AG	A PART-	· <b>A</b> /\	AG	(25 Marks)	A
(	<b>A</b>	1.a) b) c) d)	Compare Differentia	TL and its control horizontal and ve ate jump and loop plain special proc	rtical organization instructions.		[. [:	2] 3] 2] 3]	Λ
	AG	e)/	Explain ov Differentia Explain th	plain special production assembler? The machine code of the machine code of the machine code of the machine code of the machine of the machin	rflow. nd memory mapp nce.		[2 [2 [2	2] 2] 3] 2] 2] 3]	
	AG	_	()	AG	A PART-	$^{\mathbf{B}} \triangle \bigcirc$	AG	(50 Marks)	A
	<ol> <li>List and explain different performance measures used to represent a computer systematic performance.</li> </ol>								
gn i		b)		the functioning of	OR	n sequencer.		[5+5]	
,	AG	3.a) ^ b) ^	Elucidate of Formulate each routing	common bus syst a mapping process. The operation	em. edure that provi	des eight conse	cutive micro in ory has 4096 wo	structions for ords. [5+5]	A
		4.a) b)	-	e register organiz nachine language		nats.		[5+5]	
	AG	5.a) b)	Explain the Explain the	e pin configuration assembler direc	on details of 8086	i.	AG	<u> </u>	A
		6.a) b)	Explain the Write a pro	e steps involved in ogram to find out as of signed numb	n writing a progr the number of p	am using an asso		mbers from a [5+5]	,
4	AG	7.a) b)	Add the constore the result. Write a pro	ntents of the mer sult in 8000H:09 gram for addition	nory location 40	00H:0600H to co	ontents of 5000	H:0700H and	A

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