(i)	Pri	nted Pages: 2	Roll No	••••••			
(ii)	Que		Sub. Code : xam. Code :				
Bachelor of Computer Applications 2 nd Semester 1059							
COMPUTER ORGANIZATION Paper-BCA-16-202							
Tim	e Allo	owed : Three Hours]	[Max	imum Marks : 65			
		Attempt one question Section E is compul	each from Section				
1.	(a)	What are the main	he main characteristics of Von-Neumann ? What are its drawbacks? 5				
	(b)	What is a combination the help of logic gate	onal circuit? Exp	lain Encoder with			
2.	(a)	What is a Flip Flop? flip flop with the help and state table.	Explain the worl	king of SR and JK			
	(b)	Discuss fixed poin representation and 2's		, floating point			
3.	(a)	What are addressing of addressing modes		the different types			
	(b)	What is an instruction of instruction cycle v	n cycle? Explain	n different phases			
4.	(a)	What is an interrupt interrupts.					
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	(b)	Explain how DMA controller communicates and tra	nsfers
		data between the peripheral devices and RAM.	4
	2	SECTION—C	j
5.	(a)	What is associative memory? Describe its har	rdware
		organization.	7
	(b)	Differentiate between RAM and ROM.	6
6.	(a)	Write assembly language program to perform	integer
		multiplication with the help of procedure.	8
	(b)	Explain the difference between machine and as	sembly
		language.	5
		SECTION—D	
7.	(a)	What is the meaning of computer hardware? D	escribe
		the working of any two physical components of a co	mputer.
			7
	(b)	What are the various activities to be performed for p	127
		inspection and diagnostics on a PC?	6
8.	(a)	Explain the functional description of any two	
		cards.	6
	(b)		
		perform to protect your computer against virus	attack?
		· ·	7
		SECTION—E	
9.	Att	tempt all questions:	2
	(a)	What is a register?	2
	(b)		2
	(c)		2
	(d)		2
	(e)		1
	(f)		2
	(g)) What is DMA?	2
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