(i)	Printed Pages: 2	Roll No				
	Questions : 9	Sub. Code	. 0	9	4	9
(ii)	Questions	Exam. Code	: 0	0	3	1
	Bachelor of Comp	outer Applications 5 (2122)	th Seme	ester		
	JAVA	PROGRAMMING				
	Paj	er: BCA-16-503				
Tim	e Allowed : Three Ho	urs] [Ma	aximu	n Ma	rks	: 65
Note	e:— Attempt any ON	E question each from	Units I	–IV. U	nit-	Vis
1100	compulsory.					
		UNIT—I				
				0 9700	rran	2 7
1.	1. (a) Explain the use of constructors in Java with a program. 7					
	(b) Explain the cond	ept of dynamic metho	od dispa	atch ar	nd u	se of
	Final keyword.					6
2.	Explain various types	of inheritance supporte	ed in Jav	va with	sui	table
	examples.	Andrew Committee				13
		UNIT—II		No.		
2					strat	e the
3.	What are interfaces? Write a program in Java to illustrate the implementation of multiple inheritances through interfaces. 13					
4.	(a) Define package	s. Broadly explain the	utilizat	ion of	pac	
	in Java with sui	table examples.				9
	(b) What is String	Buffer class? Why i	s it use	d?.		4
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UNIT—III

5.	(a) What are the various ways to create thread in Java? Expla						
		with Java program.	9				
	(b)	Discuss the Java Thread model.	4				
6.	What is an Applet? What are different types of Applets? What are different types of Applets?						
	a Pr	ogram to show parameters passing to applets.	13				
		UNIT—IV					
7.	What is GUI? How can you add text box used for accepting						
	passwords? What is the difference between checkbox and radio						
	butt	on? Explain with Java program.	13				
8.	Broa	adly explain the concept of JDBC with suitable examples.	13				
UNIT—V							
9.	(a)	What are the user defined exceptions?	2				
	(b)	What is the use of init () method in Applet?	2				
	(c)	How do applets differ from application programs?	2				
	(d)	What is the difference between finally and final?	2				
	(e)	What is deadlock in multithreading?	2				
	(f)	What is the functionality of static class?	3				
		estante opicado estra quin aprilante presenta de me-					