Enrollr	nent N		C.U.SHAH UN Summer Exam	Exam Seat No: UNIVERSITY mination-2017						
Subject Name : Programming with Java –I										
Subject	Subject Code : 4CS03IJV1 Branch: B.Sc.IT									
Semest	er : 3		Date :23/03/2017	Time : 10:30 To 1:30 Marks : 70						
<ul> <li>Instructions:</li> <li>(1) Use of Programmable calculator &amp; any other electronic instrument is prohibited.</li> <li>(2) Instructions written on main answer book are strictly to be obeyed.</li> <li>(3) Draw neat diagrams and figures (if necessary) at right places.</li> <li>(4) Assume suitable data if needed.</li> </ul>										
Q1	Attem	pt follo	owing MCQ.			14				
	1)	Full fo a) c)	orm of JDK is Java Design Kit Java Deployment kit	b) d)	Java Define Java Develo					
	2)	Which a) c)	i is not data type in java? double float	b) d)	boolean tiny int					
	3)	Which a) c)	is default package of java? java.io java.net	b) d)	java.lang java.awt					
	4)	Which a) c)	is bitwise operator? && 	b) d)	& None of the	above				
	5)	The = a) c)	= operator is operator bitwise Short hand	b) d)	Logical Relational.					
	6)	a) c)	is used to initialize obje Inheritance Package	ect. b) d)	Class Constructor					
	7)	Which a) c)	is array in java? 1D Jagged Array Page 1	b) d)   3	2D All of the a	bove				



	8)	If B cl	ass is derived from A, then A is					
	,	a)	Child class	b)	Sub class			
		c)	Both	d)	None of the above			
	0)	Which	is not valid statement 2					
	9)	a)	is not valid statement ? import java.io.*;	b)	import java.net.*;			
		a) c)	import java.applet.*;	d)	import java.event.*;			
		0)	import juvuluppiet.,	u)	import juvale vente ,			
	10)	Which	method is used to convert String to i	nt type i	n java?			
		a)	toInt()	b)	toString()			
		c)	parseType ()	d)	parseInt()			
	11)is used to access variable at anywhere in program							
		a)	public	b)	private			
		c)	protected	d)	None			
		,		,				
	12)	Which	of these is an arithmetic operator?					
		a)	%	b)	*			
		c)	+	d)	all of the above.			
	13)	Which of these Listener is used for TextField?						
	15)	a)	ActionListener	b)	ItemListener			
		c)	WindowListener	d)	None			
	14)		of these is used to perform all input	-				
		a)	Character stream	b)	Byte stream			
		c)	Both A and B	d)	None.			
Attem	pt any	FOUR	from following.					
Q2	Attem	pt follo	wing.					
χ· -		<b>P</b> • 10110						
	a) Ex	plain ja	va data types					
		-	ested while loop in java.					
	c) Compare Relational and Arithmetic operator.							
Q3	Attem	pt follo	wing.					
	a) Ev	nloin oc	and an artificard					
		-	ccess specifiers.					
	<ul><li>b) Explain single inheritance with example.</li><li>c) Discuss method overriding with example.</li></ul>							
	-, 2 seess means a creating with example.							
Q4	Attem	pt follo	wing.					
	a) Ex	plain co	onstructor with parameters.					
		<ul><li>b) Explain 2D array with example.</li></ul>						
c) Write short note on method overloading								

Page 2 || 3



Q5	Attempt following.				
	a) Explain character stream class.	5			
	<ul><li>b) Explain any two method of Vector class with example.</li><li>c) Discuss exception with suitable example.</li></ul>	5 4			
Q6	Attempt following.	14			
	<ul><li>a) Explain Applet life cycle.</li><li>b) Compare TextField and RadioButton control.</li></ul>	5 5			
07	c) Explain ActionListener and MouseListener	4			
Q7	Attempt following.	14			
	<ul><li>a) Explain event delegation model.</li><li>b) What is stream? Explain FileWriter class.</li><li>c) Write an applet to create rectangle and fill it with RED color.</li></ul>	5 5 4			
Q8	Attempt following.	14			
	a) Write a java console program to create class Student with rollno and nan Input rollno and name of 3 students and print it.	ne data. 7			

7

b) Write a program to implement following using applet. (Note : MIN and SUM are command button)

Enter no. 1	
Enter no. 2	
MIN	SUM
ANSWER	

Page 3 || 3

