Enrollment 1			
		H UNIVERSITY	
	winter Ex	xamination - 2022	
Subject Nan	ne: Programming with Java	ı-I	
Subject Code: 4CS03BJV1		Branch: BCA	
Semester: 3	Date: 22/11/2022	Time: 11:00 To 02:00 Man	:ks: 70
(2) Instr (3) Dray	_	& any other electronic instrument is prohibited wer book are strictly to be obeyed. if necessary) at right places.	ed.
Q-1	Attempt the following Mo	CQ questions:	(14)
1)	Who is known as the father A) James Gosling C) Rich Miner	r of Java? B) Dennis Ritche D) Nick Sears	
2)	In JRE, R stands for A) Resource C) Runtime	B) React D) None of these	
3)	What is the extension of ja A) .class C) .jsource	va source code file? B) .java D) .bin	
4)	Which of the following is a A) J2EE C) J2SE	not a java edition? B) J2ME D) J2ES	
5)	Which keyword is used to A) implements C) extends	inherit an interface? B) derive D) super	
6)	Which of the following me during its life cycle? A) start()	ethod of Applet class is called only once B) paint()	
7)	C) stop() Which class contains all th A) Object C) Thread	D) destroy() e methods of a thread life cycle? B) MainThread D) ThreadClass	
8)	In AWT, A stands forA) Absolute C) Application	,	
9)	Which package contains m A) java.lang	najor stream classes? B) java.awt	



		C) java.util	D) java.io		
	10)				
		A) java.util C) java.io	B) java.lang D) java.awt		
		C) juva.10	D) java.awt		
	11) class object is passed as parameter in paint methods of applet.				
	A) Applet B) Graphics		B) Graphics		
		C) Object	D) Drawing		
12)		Which of the following is not a component in java?			
		A) Button	B) RadioButton		
		C) ToggleButton	D) TextField		
	13)	When is the finalize() called?			
	10)	A) before garbage collection	B) after garbage collection		
		C) when object goes out of scope	D) None		
	14)	In JDK, D stands for			
	17)	A) Design	B) Development		
		C) Dedicated	D) Derived		
Attemp	t any	four questions from Q-2 to Q-8			
Q-2		Attempt all questions			
	a)			07	
b)		Discuss various data types available in java.		07	
Q-3		Attempt all questions			
	a)			07	
	b) Write a note on thread life cycle with diagram.		_	07	
	~)			ν.	
Q-4		Attempt all questions			
	a) What is class and object? Explain with simple example.		vith simple example.	05	
	b)	What is constructor? Explain with example.		05	
	c)	Discuss method overloading.		04	
0.5		Attempt all questions			
Q-5	e)		and multi-level inheritance	05	
	a) b)	a) Define inheritance. Explain single and multi-level inheritance.			
		Write a note on interface with exam	ipie.	05	
	c)	Discuss abstract keyword.		04	



Q-6		Attempt all questions		
	a)	Explain ifelse and for loop statement with example.	05	
	b)	What is array? Explain one dimensional array.	05	
	c)	Explain break and continue statements.	04	
Q-7		Attempt all questions		
	a)	Define exception. Explain try catch block in detail.	05	
	b)	Discuss event delegation model.	05	
	c)	Explain Button control in short.	04	
Q-8		Attempt all questions		
	a)	Write a program to print following series on screen.	07	
		1 2 4 7 11 16 22 29 37 46		
	b)	Write a program to print sum and average of a single dimensional array	07	
		of size 10.		

