Reg. No.:					

Question Paper Code: 44203

B.E. / B.Tech. DEGREE EXAMINATION, DEC 2020

Fourth Semester

Computer Science and Engineering

14UCS403 - JAVA PROGRAMMING

(Common to Information Technology)

(Regulation 2014)

Duration: One hour Maximum: 30 Marks

	PART A - (6 x	1 = 6 Marks)				
	(Answer any six of the	following questions)				
1.	Consider public class MyClass{ public MyClass(){/*code*/} // more code } To instantiate MyClass, you would write?					
	(a) MyClass mc = new MyClass();(c) MyClass mc = MyClass;	(b) MyClass mc = MyClass().(d) MyClass mc = new MyClass;				
2.	What is byte code in the context of Java?					
	(a) The type of code generated by a Java(b) The type of code generated by a Java(c) It is another name for a Java source(d) It is the code written within the instantantantantantantantantantantantantant	a Virtual Machine file				
3.	Super class can be inherited to for					
	(a) Specialized classes(c) Object classes	(b) Inner classes(d) General classes				
4.		. ,				

(b) Multilevel

(c) Hierarchy

(d) Simple

(a) Multiple

5.	All exception types are subclasses of the built in class called						
	(a) Exception	(b) Throwable	(c) Package	(d) Utility classes			
6.	Which function of pre-defined class Thread is used to check weather current thread being checked is still running?						
	(a) is Alive ()	(b) Join ()	(c) is Running ()	(d) Alive ()			
7.	Which class provides m	es many methods for graphics programming?					
	(a) java.awt (c) java.awt.Graphic	es	(b) java.Graphics(d) none of these				
8.	Which is the container that doesn't contain title bar and MenuBars. It can have other components like button, textfieldetc?						
	(a) Window	(b) Frame	(c) Panel	(d) Container			
9. dat	Which type of driver co		to the network proto	col used by the			
	(a) Type 1 driver		(b) Type 2 driver				
	(c) Type 3 driver		(d) Type 4 driver				
10.	Which of these is a meth so that any buffers are cl		interface used to fina	alize the output state			
	(a) clear()	(b) flush()	(c) fflush()	(d) close()			
		PART – B (3 x 8=	24 Marks)				
	(Answe	er any three of the f	Collowing questions)			
11.	State the use of constructor and finalize() method in java using a programming example. Show how garbage collection is achieved here. (8)						
12.	What is dynamic bi	inding? Show with a	in example how dyn	namic binding works. (8)			
13.	Explain thread sync	hronization with exa	mples.	(8)			
14.	Write a program to create a frame with the following menus, such that the corresponding geometric object is created when a menu is clicked.						
	(i) Circle (ii) Rectangle			(8)			
	(11) Rectangle			(8)			

15. Describe about the different input and output streams and their classes. (8)