Exam: End-Sem-Exam_May-2021__CS3CO08_Computer Programming-III

Computer Programming -II (T)
30/30

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1.   ⊘ Correct Answer   20-May-2021 09:16:25 AM

What will be the output of the following Java code? class array_output { public static void main(String args[]) { char array_variable [] = new char[10]; for (int i = 0; i < 10; ++i) { array_variable[i] = 'i'; System.out.print(array_variable[i] + ""); } } }
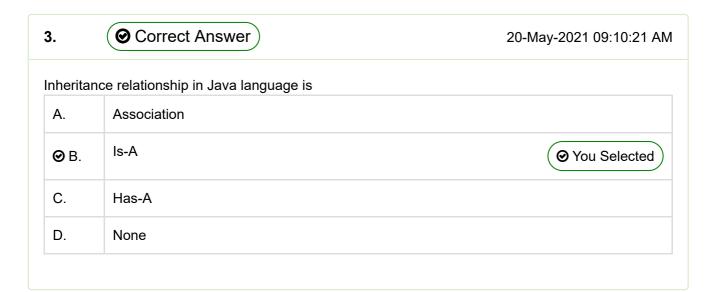
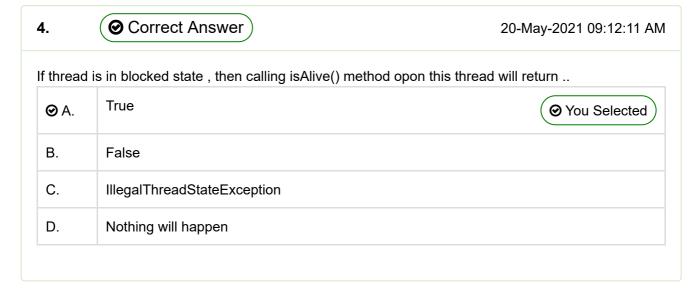| A.	1 2 3 4 5 6 7 8 9 10
B.	0 1 2 3 4 5 6 7 8 9 10
C.	i j k l m n o p q r
⊘ D.	i i i i i i i i i i ⊘ You Selected

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2.   ⊘ Correct Answer   20-May-2021 09:16:08 AM

What will be the result of attempting to compile and run the following program?

public class MyClass {

public static void main(String[] args) {

String s = "hello"; StringBuilder sb = new StringBuilder(s);

sb.reverse();

if (s == sb)

System.out.println("a");

if (s.equals(sb))

System.out.println("b");

if (sb.equals(s))

System.out.println("c");

}

}

A.	The code will fail to compile because the constructor of the String class is not called properly	
⊘ B.	The code will fail to compile because the expression (s == sb) is illegal.	⊘ You Selected
C.	The code will fail to compile because the expression (s.equals(sb)) is illegal	
D.	The program will print c, when run.	

3.	⊘ Correct Answer	20-May-2021 09:10:21 AM

Inheritance relationship in Java language is

A.	Association	
⊘ B.	Is-A	⊘ You Selected
C.	Has-A	
D.	None	

4.	⊘ Correct Answer	20-May-2021 09:12:11 AM

If thread is in blocked state , then calling isAlive() method opon this thread will return ..

⊘ A.	True	⊘ You Selected
B.	False	
C.	IllegalThreadStateException	
D.	Nothing will happen	

5.	⊘ Correct Answer	20-May-2021 09:12:41 AM

Method available in both Thread class and in Runnable interface

⊘ A.	run()	⊘ You Selected
B.	start()	

C.	both run() and start()
D.	Noe of the above

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6. ⊘ Correct Answer   20-May-2021 09:13:03 AM

What will be the output of the following program? public class Test { public static void main(String[] args) { int count = 1; while (count <= 15) { System.out.println(count % 2 == 1 ? "***" : "+++++"); ++count; }}}

A.	15 times ***	
B.	15 times +++++	
⊘ C.	8 times *** and 7 times +++++	⊘ You Selected
D.	Both will print only once	

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7. ⊘ Correct Answer   20-May-2021 09:05:56 AM

Which of the following applet tags is legal to embed an applet class named Test into a Web page?

⊘ A.	< applet code = Test.class width = 200 height = 100>	⊘ You Selected
B.	< applet class = Test width = 200 height = 100>	
C.	< applet>code = Test.class width = 200 height = 100> < applet>code = Test.class width = 200 height = 100> < applet>code = Test.class width = 200 height = 100>	
D.	< applet param = Test.class width = 200 height = 100>	

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8. ⊘ Correct Answer   20-May-2021 09:07:55 AM

Which one of the following is wrong statements in Exception handling

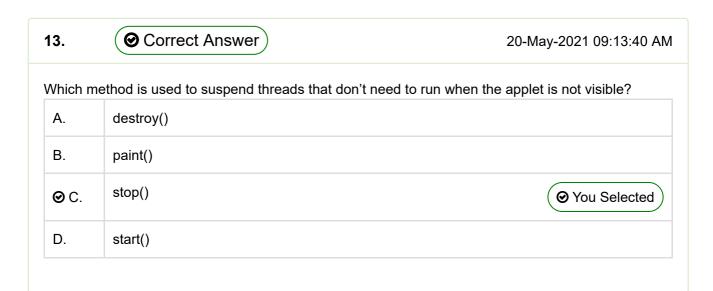| ⊘ A.	Throw and Throws keywords can be used interchangabally	⊘ You Selected
B.	Throws key word is used to declare an Exception	
C.	Throw is used throw programmer's defined Exception.	
D.	There can be multiple catch block with single try block.	

9.   ⊘ **Correct Answer**   20-May-2021 09:12:23 AM

A thread is

A.	Smallest unit of dispatchable code.
B.	Lightweight process
C.	Creates multitasking environment.
⊘ D.	All of the above ⊘ You Selected

10.   ⊘ **Correct Answer**   20-May-2021 09:11:04 AM

Which of the following is not a Java features?

A.	Dynamic
B.	Architecture Neutral
⊘ C.	Use of pointers ⊘ You Selected
D.	Object-oriented

11.   ⊘ **Correct Answer**   20-May-2021 09:08:30 AM

Which statement is false about daemon thread

⊘ A.	It is highest priority thread. ⊘ You Selected
B.	It is service provider thread to user tread.
C.	Garbage collector is daemon thread.
D.	User thread can be se as daemon thread.

12.   ⊘ **Correct Answer**   20-May-2021 09:15:13 AM

Which of following works like method definition ?

A.	try block

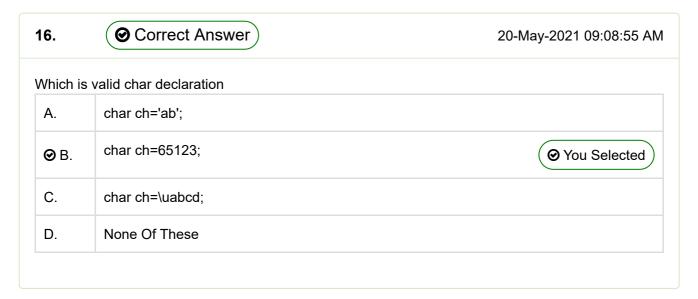| ⊘ B. | catch block | ⊘ You Selected |
| C. | finally block | |
| D. | throws block | |

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13.   ⊘ Correct Answer   20-May-2021 09:13:40 AM

Which method is used to suspend threads that don't need to run when the applet is not visible?

A.	destroy()	
B.	paint()	
⊘ C.	stop()	⊘ You Selected
D.	start()	

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14.   ⊘ Correct Answer   20-May-2021 09:09:37 AM

Which is used to store data and partial results, as well as to perform dynamic linking, return values for methods, and dispatch exceptions?

A.	Window	
B.	Panel	
⊘ C.	Frame	⊘ You Selected
D.	Container	

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15.   ⊘ Correct Answer   20-May-2021 09:05:26 AM

Which object can be constructed to show any number of choices in the visible window?

A.	Labels	
B.	Choice	
⊘ C.	List	⊘ You Selected
D.	Checkbox	

16.   ⊘ Correct Answer   20-May-2021 09:08:55 AM

Which is valid char declaration

A.	char ch='ab';
⊘ B.	char ch=65123; ⊘ You Selected
C.	char ch=\uabcd;
D.	None Of These

17.   ⊘ Correct Answer   20-May-2021 09:10:49 AM

Which of the following methods not included in OutputStream class.

A.	write( )
⊘ B.	skip( ) ⊘ You Selected
C.	close( )
D.	flush( )

18.   ⊘ Correct Answer   20-May-2021 09:14:57 AM

Which of these classes defined in java.io and used for file-handling are abstract?

A.InputStream

B. PrintStream

C. Reader

D. FileInputStream

E. FileWriter

A.	Only A
B.	Only C
⊘ C.	A and C ⊘ You Selected

D.	B and D

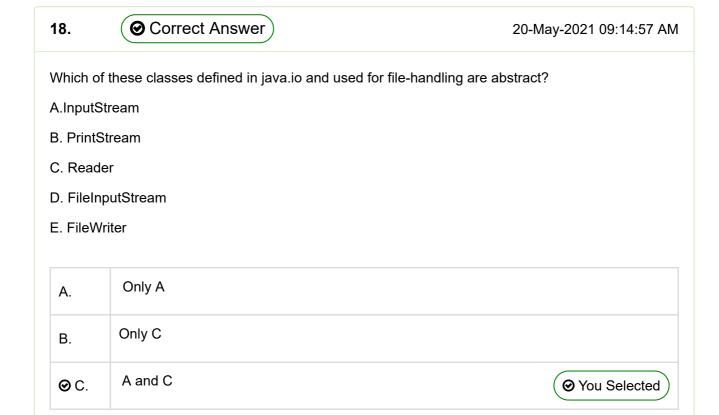
19. ⊘ Correct Answer   20-May-2021 09:06:27 AM

Which of the following contains only unimplemented methods?

A.	Class	
B.	Abstract class	
⊘ C.	Interface	⊘ You Selected
D.	None	

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20. ⊘ Correct Answer   20-May-2021 09:07:17 AM

What concepts come under Polymorphism in java?

A.	Method overloading	
B.	Constructor overloading	
C.	Method overriding	
⊘ D.	All the above	⊘ You Selected

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21. ⊘ Correct Answer   20-May-2021 09:09:57 AM

Default value of variable having boolean data type is _____

A.	TRUE	
⊘ B.	FALSE	⊘ You Selected
C.	Garbage	
D.	Null	

22. ⊘ Correct Answer   20-May-2021 09:13:22 AM

Which of these keywords is used to define interfaces in Java?

⊘ A.	interface	⊘ You Selected
B.	InterFace	
C.	intf	
D.	Intf	

23. ⊘ Correct Answer   20-May-2021 09:06:54 AM

Can a constructor be inherited?

A.	A constructor can be inherited	
B.	A public constructor can be inherited	
C.	A protected constructor can be inherited	
⊘ D.	A constructor cannot be inherited	⊘ You Selected

24. ⊘ Correct Answer   20-May-2021 09:09:10 AM

The object created using string literal is store in

⊘ A.	String constant pool	⊘ You Selected
B.	Heap memory	
C.	Both a & b	
D.	None of the above	

25. ⊘ Correct Answer   20-May-2021 09:14:32 AM

Which statement about the charAt() method of the String class is true?

A.	The charAt() method takes a char value as an argument
B.	The charAt() method returns a Character objec

| C. | The expression ("abcdef").charAt(3) is illegal | |
| D. | The expression "abcdef".charAt(3) evaluates to the character 'd' | ⊘ You Selected |

26. ⊘ Correct Answer 20-May-2021 09:11:31 AM

Which is runtime polymorphism in java?

A.	Method overriding	⊘ You Selected
B.	Method overloading	
C.	Constructor overloading	
D.	None	

27. ⊘ Correct Answer 20-May-2021 09:05:09 AM

What will the following program print when run? public class Main

{ public static void main(String args[])

{ String str1 = "str1";

String str2 = "str2";

String str3 = "str3";

str1.concat(str2);

System.out.println(str2=str3.concat(str1));

}

}

A.	str1str2	
B.	str3str1	⊘ You Selected
C.	str2	
D.	str2str3str1str2	

28. ⊘ Correct Answer 20-May-2021 09:14:12 AM

Which is valid Declaration in java

A.	double d=0X123.456;	
⊘ B.	double d=0Xface;	⊘ You Selected
C.	double d=0X786.12;	
D.	int x=10l;	

29. ⊘ Correct Answer 20-May-2021 09:11:58 AM

Method is to clear the string builder

⊘ A.	builder.setLength(0)	⊘ You Selected
B.	builder.setLength(0.0f)	
C.	builder.setLength(null)	
D.	None of the above	

30. ⊘ Correct Answer 20-May-2021 09:15:34 AM

Line 1: String w = "MU"; Line 2: String x = 17 + w; Is line 2 a compile-time constant expression

A.	TRUE	
⊘ B.	FALSE	⊘ You Selected