

Student Result

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Exam: Core Java Final

Score: 37.0/50.0

Percentage: 74.00%

Question-wise Summary

Sr.no	Question	Selected Answer	Correct Answer
1	Which of these classes is not part of Java's collection framework?	Array	Maps
2	Which of these methods deletes all the elements from invoking collection?	clear()	clear()

3	. What will be the output of the following Java program? <pre>import java.util.*; class Array { public static void main(String args[]) { int array[] = new int [5]; for (int i = 5; i > 0; i--) array[5-i] = i; Arrays.fill(array, 1, 4, 8); for (int i = 0; i < 5 ; i++) System.out.print(array[i]); } }</pre>	12885	58881
4	Which of these method is used to add an element to the start of a LinkedList object?	addFirst()	add()

5	What will be the output of the following Java code snippet? <pre>import java.util.*; class Linkedlist { public static void main(String args[]) { LinkedList obj = new LinkedList(); obj.add("A"); obj.add("B"); obj.add("C"); obj.addFirst("D"); System.out.println(obj); } }</pre>	[D, A, B, C]	[D, A, B, C]
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6	What will be the output of the following Java program? <pre>import java.util.*; class Output { public static void main(String args[]) { TreeSet t = new TreeSet(); t.add("3"); t.add("9"); t.add("1"); t.add("4"); t.add("8"); System.out.println(t); } }</pre>	[1, 3, 4, 8, 9]	[1, 3, 4, 8, 9]
7	Which of these are legacy classes?	All of the mentioned	All of the mentioned
8	Which of these methods is used to add elements in vector at specific location?	add()	addElement()

9	What will be the output of the following Java program? <pre>import java.util.*; class Maps { public static void main(String args[]) { HashMap obj = new HashMap(); obj.put("A", new Integer(1)); obj.put("B", new Integer(2)); obj.put("C", new Integer(3)); System.out.println(obj); } }</pre>	{A=1, B=2, C=3}	{A=1, B=2, C=3}
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10	What will be the output of the following Java program? <pre>import java.util.*; class Array { public static void main(String args[]) { int array[] = new int [5]; for (int i = 5; i > 0; i--) array[5 - i] = i; Arrays.sort(array); for (int i = 0; i < 5; ++i) System.out.print(array[i]); }}</pre>	12345	12345
11	_____ Interface provides the programmatic approach to set the values in database.	java.sql.Statement	java.sql.PreparedStaten

12	What does setAutoCommit(false) do?	does not commit transaction automatically after each query	does not commit transaction automatically after each query
13	Which type of JDBC driver is the fastest one?	Type-4	Type-4

14	What will be the output of the following code snippet that uses Java Database Connectivity (JDBC) to interact with a database? <pre>import java.sql.Connection; import java.sql.DriverManager; import java.sql.SQLException; public class DatabaseConnection { public static void main(String[] args) { try { Connection connection = DriverManager.getConnection("jdbc:mysql://localhost:3306/mydb", "username", "password"); System.out.println("Connected to the database successfully."); } catch (SQLException e) { e.printStackTrace(); } } }</pre>	Exception in thread "main" java.sql.SQLException: No suitable driver found	Connected to the database successfully.
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15	Which of these keywords must be used to monitor for exceptions?	try	try
16	What will be the output of the following Java program? class exception_handling { public static void main(String args[]) { try { System.out.print("Hello" + " " + 1 / 0); } catch(ArithmeticException e) { System.out.print("World"); } } }	HelloWorld	World

17	What will be the output of the following Java program? <pre>class exception_handling { public static void main(String args[]) { try { int a, b; b = 0; a = 5 / b; System.out.print("A"); } catch(ArithmeticException e) { System.out.print("B"); } finally { System.out.print("C"); } } }</pre>	BC	BC
18	Which of the following should be true of the object thrown by a thrown statement?	Should be assignable to Throwable type	Should be assignable to Throwable type

19	What is the output of the following code snippet? <pre>try { throw new RuntimeException("Error"); } catch (Exception e) { System.out.println(e.getMessage()); }</pre>	Error	Error
20	Which of the following statement(s) is/are correct about multi-catch statement?	(d) All above	(d) All above
21	Which of these interface is not a member of java.io package?	ObjectFilter	ObjectFilter
22	Which of these is specified by a File object?	none of the mentioned	none of the mentioned

23	Which of these is method for testing whether the specified element is a file or a directory?	isfile()	isFile()
24	What will be the output of the following Java code? import java.io.*; class files { public static void main(String args[]) { File obj = new File("/java/system"); System.out.print(obj.getName()); }}	system	system
25	Which of these data type is returned by every method of OutputStream?	none of the mentioned	none of the mentioned

26	Which of these process occur automatically by the java runtime system?	Garbage collection	Serialization
27	Which of these is method of ObjectOutputStream interface used to write the object to input or output stream as required?	writeObject()	writeObject()

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What will be the output of the following Java program?

```
import java.io.*; class serialization { public static void main(String[] args) { try { Myclass object1 = new Myclass("Hello", -7, 2.1e10); FileOutputStream fos = new FileOutputStream("serial"); ObjectOutputStream oos = new ObjectOutputStream(fos); oos.writeObject(object1); oos.flush(); oos.close(); } catch(Exception e) { System.out.println("Serialization" + e); System.exit(0); } try { Myclass object2; FileInputStream fis = new FileInputStream("serial"); ObjectInputStream ois = new ObjectInputStream(fis); object2 = (Myclass)ois.readObject(); ois.close(); System.out.println(object2); } catch (Exception e) { System.out.print("deserialization" + e); System.exit(0); } } } class Myclass implements Serializable { String s; int i; double d; Myclass(String s, int i, double d) { this.d = d; this.i = i; this.s = s; } }
```

Hello;
-7;
2.1E10

s=Hello;
i=-7;
d=2.1E10

29	Which of these is not a correct statement?	Abstract class can be initiated by new operator	Abstract class can be initiated by new operator
30	Which of these packages contains abstract keyword?	java.lang	java.lang

31	What will be the output of the following Java code? <pre>class A { public int i; private int j; } class B extends A { void display() { super.j = super.i + 1; System.out.println("super.i + " + super.j); } } class inheritance { public static void main(String args[]) { B obj = new B(); obj.i=1; obj.j=2; obj.display(); } }</pre>	Compilation Error	Compilation Error
32	What is an interface in Java?	A contract specifying a set of methods that a class must implement	A contract specifying a set of methods that a class must implement

33	Which of the following is the correct way of implementing an interface salary by class manager?	class manager implements salary {}	class manager implements salary {}
34	Which of the following is an incorrect statement about packages?	All variables are static and methods are public if interface is defined public	All variables are static and methods are public if interface is defined public

35	What will be the output of the following Java program? <pre>interface calculate { void cal(int item); } class display implements calculate { int x; public void cal(int item) { x = item * item; } } class interfaces { public static void main(String args[]) { display arr = new display(); arr.x = 0; arr.cal(2); System.out.print(arr.x); } }</pre>	4	4
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36	Which component of Java is responsible for running the compiled Java bytecode?	JVM	JVM
37	What is the purpose of the PATH environment variable in Java?	To locate the Java compiler	To locate the Java compiler
38	Which data type would be best for storing a person's age in Java?	int	byte
39	What is the result of this operation in Java: (int)(7.9)?	7	7

40	Identify the output of this code: boolean isJavaFun = true; System.out.println(!isJavaFun);	false	false
41	What does the following Java code print? int x = 5; int y = x++; System.out.println(y);	5	5

42	What will be the output of the following Java code? <pre>class access { public int x; private int y; void cal(int a, int b) { x = a + 1; y = b; } } public class access_specifier { public static void main(String args[]) { access obj = new access(); obj.cal(2, 3); System.out.println(obj.x + " " + obj.y); } }</pre>	Compilation Error	Runtime Error
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What will be the output of the following Java code?

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class static_out { static int x; static int y; void add(int a, int b) { x = a + b; y = x + b; } } public class static_use { public static void main(String args[]) { static_out obj1 = new static_out(); static_out obj2 = new static_out(); int a = 2; obj1.add(a, a + 1); obj2.add(5, a); System.out.println(obj1.x + " " + obj2.y); }
```

6 6.4

7 9

44	Which of these access specifier must be used for class so that it can be inherited by another subclass?	public	public
45	In java, which method is automatically called when an object is created?	constructor()	constructor()
46	What will be the output of the following Java code? class increment { public static void main(String args[]) { int g = 3; System.out.print(++g * 8); } }	32	32

47	. What will be the output of the following Java code? <pre>class area { public static void main(String args[]) { double r, pi, a; r = 9.8; pi = 3.14; a = pi * r * r; System.out.println(a); } }</pre>	301.5656	301.5656
48	Which of the following methods is a method of wrapper Integer for obtaining hash code for the invoking object?	int hashCode()	int hashCode()

49	Which of these is a super class of wrappers Long, Character & Integer?	Number	Number
50	What will be the output of the following Java program? class Output { public static void main(String args[]) { char a[] = { 'a', '5', 'A', ' ' }; System.out.print(Character.isDigit(a[0]) + " "); System.out.print(Character.isWhitespace(a[3]) + " "); System.out.print(Character.isUpperCase(a[2])); }} 	false true true	false true true