## **Student Result**

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Exam: Core Java Final

**Score:** 12.0/50.0

Percentage: 24.00%

## **Question-wise Summary**

Sr.no	Question	Selected Answer	Correct Answer
1	Which of these classes is not part of Java's collection framework?	Maps	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? 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(ar } }	ray[i]);	58881
4	Which of these method is used to add an element to the start of a LinkedList object?	add()	add()

5	What will	[D, A, B,	[D, A, B,
	be the	C]	C]
	output of		
	the		
	following		
	Java		
	code		
	snippet?		
	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(ob	j);	
	}}		

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

9	What will	{A=1,	{A=1,
	be the	B=2,	B=2,
	output of	C=3}	C=3}
	the		
	following		
	Java		
	program?		
	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);		
	}}		

10	What will be the output of the following Java program? 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) }	54321 ny[i]);;	12345
11	Interface provides the programmatic approach to set the values in database.	java.sql.DbStateme	nt java.sql.PreparedState

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

What will Connected **Error**: be the to the Could output of not database establish the successfully. following connection. code snippet that uses Java Database Connectivity (JDBC) to interact with a database? 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(); } } }

15	Which of these keywords must be used to monitor for exceptions?	catch	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(ArithmeticExcep e) { System.out.print("Worl } } }	tion	World

		I	
17	What will be the output of the following Java program? class exception_handling { public static void main(String args[]) { try { int a, b; b = 0; a = 5 / b; System.out.print("A"); } catch(ArithmeticExcept e) { System.out.print("B"); } finally { System.out.print("C"); } }	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? try { throw new	The code will not compile	Error
	RuntimeException( } catch (Exception e) { System.out.println() }		
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?	DataInput	ObjectFilter
22	Which of these is specified by a File object?	Not Answered	none of the mentioned

23	Which of these is method for testing whether the specified element is a file or a directory?	Not Answered	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(ob) } }		system
25	Which of these data type is returned by every method of OutputStream?	Not Answered	none of the mentioned

26	Which of these process occur automatically by the java runtime system?	Not Answered	Serialization
27	Which of these is method of ObjectOutput interface used to write the object to input or output stream as required?	Not Answered	writeObject()

What will be the output of the following Java program? import java.io.\*; class serialization { public static void main(String[] args) { try { Myclass object1 = newMyclass("Hello", -7, 2.1e10); FileOutputStream fos = newFileOutputStream("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; } }

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

Not

Answered

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

31	What will be the output of the following Java code? class A { public int i; private int j; } class B extends A { void display() { super.j = super.i + 1; System.out.println(s + " " + super.j); } } class inheritance { public static void main(String args[]) { B obj = new B(); obj.i=1; obj.j=2; obj.display(); } }		Compilation Error
32	What is an interface in Java?	Not Answered	A contract specifying a set of methods that a class must implement

33	Which of	Not	class
	the following is the correct way of implementing an interface salary by	Answered	manager implements salary {}
34	class manager? Which of	Not	All
	the following is an incorrect statement about packages?	Answered	variables are static and methods are public if
	packages.		interface is defined public

35	What will	Not	4
	be the	Answered	
	output of		
	the		
	following		
	Java		
	program?		
	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);		
	}}		

36	Which component of Java is responsible for running the compiled Java bytecode?	Not Answered	JVM
37	What is the purpose of the PATH environment variable in Java?	Not Answered	To locate the Java compiler
38	Which data type would be best for storing a person's age in Java?	Not Answered	byte
39	What is the result of this operation in Java: (int)(7.9)?	Not Answered	7

			1
40	Identify the output of this code: boolean isJavaFun = true; System.out.println(!	Not Answered isJavaFun);	false
41	What does the following Java code print? int x = 5; int y = x++; System.out.println(y	Not Answered /);	5

42	What will	Not	Runtime
	be the	Answered	Error
	output of		
	the		
	following		
	Java		
	code?		
	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);		

What will	Not	7 9
be the	Answered	
output of		
the		
following		
Java		
code?		
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); }		
}		

44	Which of these access specifier must be used for class so that it can be inherited by another subclass?	Not Answered	public
45	In java, which method is automatically called when an object is created?	Not Answered	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(++ * 8); } }	Not Answered	32

47	. What will be the output of the following Java code? 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) } }	Not Answered	301.5656
48	Which of the following methods is a method of wrapper Integer for obtaining hash code for the invoking object?	Not Answered	int hashCode()

49	Which of these is a super class of wrappers Long, Character & Integer?	Not Answered	Number
50	+ " "); System.out.print(Ch + " ");	Not Answered  haracter.isDigit(a[0])  haracter.isWhitespace(a[3])  haracter.isUpperCase(a[2]));	false true true