

Assessment

- JDK stands for ____.

Marked Answer :

Java development kit

Correct Answer :

Java development kit

Total Marks : 1MARKS OBTAINED 1

- JRE stands for ____.

Marked Answer :

Java Runtime Environment

Correct Answer :

Java Runtime Environment

Total Marks : 1MARKS OBTAINED 1

- What makes the Java platform independent?

Marked Answer :

It uses bytecode for execution

Correct Answer :

It uses bytecode for execution

Total Marks : 1MARKS OBTAINED 1

- Can we keep a different name for the java class name and java file name?

Marked Answer :

No

Correct Answer :

Yes

Total Marks : 1MARKS OBTAINED 0

- What are the types of memory allocated in memory in java?

Marked Answer :

Both A and B

Correct Answer :

Both A and B

Total Marks : 1MARKS OBTAINED 1

- Multiline comment is created using ____.

Marked Answer :

`/* */`

Correct Answer :

`/* */`

Total Marks : 1MARKS OBTAINED 1

- What is the entry point of a program in Java?

Marked Answer :

`main()` method

Correct Answer :

main() method

Total Marks : 1MARKS OBTAINED 1

- Can we write a program without a main method in Java?

Marked Answer :

Yes

Correct Answer :

Yes

Total Marks : 1MARKS OBTAINED 1

- Can the `main()` method be overloaded in Java?

Marked Answer :

Yes

Correct Answer :

Yes

Total Marks : 1MARKS OBTAINED 1

- Which keyword in java is used for exception handling?

Marked Answer :

`throw`

Correct Answer :

throw

Total Marks : 1MARKS OBTAINED 1

- Which class in Java is used to take input from the user?

Marked Answer :

Scanner

Correct Answer :

Scanner

Total Marks : 1MARKS OBTAINED 1

- Method used to take a string as input in Java?

Marked Answer :

Both A. and B.

Correct Answer :

Both A. and B.

Total Marks : 1MARKS OBTAINED 1

- Which of the following is the correct syntax to create a variable in Java?

Marked Answer :

int name;

Correct Answer :

int name;

Total Marks : 1MARKS OBTAINED 1

- Is string mutable in Java?

Marked Answer :

No

Correct Answer :

No

Total Marks : 1MARKS OBTAINED 1

- Which of these is a type of variable in Java?

Marked Answer :

All of these

Correct Answer :

All of these

Total Marks : 1MARKS OBTAINED 1

- What will be the output of the following Java code?

```
public class Main {  
    public static void main(String[] args) {  
        String str = "Hello";  
        str = "Bye";  
        System.out.println(str);  
    }  
}
```

Marked Answer :

Bye

Correct Answer :

Bye

Total Marks : 1MARKS OBTAINED 1

- What is type casting in Java?

Marked Answer :

It is converting type of a variable from one type to another

Correct Answer :

It is converting type of a variable from one type to another

Total Marks : 1MARKS OBTAINED 1

- Which type of casting is lossy in Java?

Marked Answer :

Narrowing typecasting

Correct Answer :

Narrowing typecasting

Total Marks : 1MARKS OBTAINED 1

- Which of the following can be declared as final in java?

Marked Answer :

All of these

Correct Answer :

All of these

Total Marks : 1MARKS OBTAINED 1

- Finally block is attached to?

Marked Answer :

Try-catch block

Correct Answer :**Try-catch block**

Total Marks : 1MARKS OBTAINED 1

- The break statement in Java is used to ____.

Marked Answer :

Terminates from the loop immediately

Correct Answer :**Terminates from the loop immediately**

Total Marks : 1MARKS OBTAINED 1

- What will be the output of the following Java code?

```
public class Main {  
    public static void main(String arg[]) {  
        int i;  
        for (i = 1; i <= 12; i += 2) {  
            if (i == 8) {  
                System.out.println(i);  
                break;  
            }  
        }  
    }  
}
```

Marked Answer :

No output

Correct Answer :**No output**

Total Marks : 1MARKS OBTAINED 1

- Can the Java program accept input from the command line?

Marked Answer :

Yes, using command-line arguments

Correct Answer :**Yes, using command-line arguments**

Total Marks : 1MARKS OBTAINED 1

- Array in java is ____.

Marked Answer :

Collection of similar elements

Correct Answer :**Collection of similar elements**

Total Marks : 1MARKS OBTAINED 1

- Which of these is the correct method to create an array in java?

Marked Answer :

All of these

Correct Answer :**All of these**

Total Marks : 1MARKS OBTAINED 1

- Object in java are ____.

Marked Answer :

References

Correct Answer :**References**

Total Marks : 1MARKS OBTAINED 1

- What is garbage collection in java?

Marked Answer :

Method to manage memory in java

Correct Answer :**Method to manage memory in java**

Total Marks : 1MARKS OBTAINED 1

- Static variables in java are declared as ____.

Marked Answer :

Constants

Correct Answer :

Constants

Total Marks : 1MARKS OBTAINED 1

- BigInteger Class is used to ____.

Marked Answer :

All of these

Correct Answer :

All of these

Total Marks : 1MARKS OBTAINED 1

- ‘this’ keyword in java is ____.

Marked Answer :

Used to hold the reference of the current object

Correct Answer :

Used to hold the reference of the current object

Total Marks : 1MARKS OBTAINED 1

- What will be the output of the following Java code?

```
import java.util.Scanner;

class ThisKeyword {
    private int a = 4;
    private int b = 1;
    void getSum(int a, int b) {
        this.a = a;
        this.b = b;
        System.out.println(this.a + this.b);
    }
}
```

```
public class Main {
    public static void main(String args[]) {
        ThisKeyword T = new ThisKeyword();
        T.getSum(3, 5);
    }
}
```

Marked Answer :

8

Correct Answer :

8

Total Marks : 1MARKS OBTAINED 1

- The ‘super’ keyword is used to ____.

Marked Answer :

Access instance of the parent class

Correct Answer :

Access instance of the parent class

Total Marks : 1MARKS OBTAINED 1

- The super() method is used to ____.

Marked Answer :

Call constructor of the parent class

Correct Answer :

Call constructor of the parent class

Total Marks : 1MARKS OBTAINED 1

- Wrapper class in java is ____.

Marked Answer :

Used to encapsulate primitive data types

Correct Answer :

Used to encapsulate primitive data types

Total Marks : 1MARKS OBTAINED 1

- Boxing is ____.

Marked Answer :

Creating new box

Correct Answer :

Converting primitive type of object instance

Total Marks : 1MARKS OBTAINED 0

- Abstract class is ____.

Marked Answer :

All of these

Correct Answer :

All of these

Total Marks : 1MARKS OBTAINED 1

- What is file handling in java?

Marked Answer :

t is creating, deleting, and modifying files using a java program.

Correct Answer :

t is creating, deleting, and modifying files using a java program.

Total Marks : 1MARKS OBTAINED 1

- How can we access methods for file handling in java?

Marked Answer :

Java.io.File

Correct Answer :

Java.io.File

Total Marks : 1MARKS OBTAINED 1

- Which is the correct absolute path of a file in Java?

Marked Answer :

C:\Program Files\Java\jdk1.8.0_131\bin\file_name.txt

Correct Answer :

C:\Program Files\Java\jdk1.8.0_131\bin\file_name.txt

Total Marks : 1MARKS OBTAINED 1

- Which method is used to add a new line to file in Java?

Marked Answer :

file.addLine()

Correct Answer :

file.write()

Total Marks : 1MARKS OBTAINED 0

- Which method deletes a file in Java?

Marked Answer :

file.delete()

Correct Answer :**file.delete()**

Total Marks : 1MARKS OBTAINED 1

- Which method in java is used to read lines from file?

Marked Answer :**file.getLine()****Correct Answer :****file.getLine()**

Total Marks : 1MARKS OBTAINED 1

- The correct syntax to import the math library in java is ____.

Marked Answer :**import java.lang.math****Correct Answer :****import java.lang.math**

Total Marks : 1MARKS OBTAINED 1

- Which is/are valid method(s) of math library in java?

Marked Answer :

All of these

Correct Answer :**All of these**

Total Marks : 1MARKS OBTAINED 1

- Which method in java is used to generate random numbers in Java?

Marked Answer :**random.nextInt()****Correct Answer :****random.nextInt()**

Total Marks : 1MARKS OBTAINED 1

- In java, recursion is ____.

Marked Answer :

A process allowing methods to call itself

Correct Answer :

A process allowing methods to call itself

Total Marks : 1MARKS OBTAINED 1

- What is stringBuffer in java?

Marked Answer :

Class to create a mutable string in java

Correct Answer :**Class to create a mutable string in java**

Total Marks : 1MARKS OBTAINED 1

- Which of the following is a valid data structure in java?

Marked Answer :

All of these

Correct Answer :**All of these**

Total Marks : 1MARKS OBTAINED 1

- Which syntax is valid to create a vector in java?

Marked Answer :

Vector < string > names = new Vector < String > ();

Correct Answer :**Vector < string > names = new Vector < String > ();**

Total Marks : 1MARKS OBTAINED 1

- 50. What will be the output of following Java code?

```
import java.util.Scanner;

class ThisKeyword {
    private int a = 4;
    private int b = 1;
    void getSum(int a, int b) {
        this.a = a;
        this.b = b;
        System.out.println(this.a + this.b);
    }
}
```

```
public class Main {  
    public static void main(String args[]) {  
        ThisKeyword T = new ThisKeyword();  
        T.getSum(3, 5);  
    }  
}
```

Marked Answer :

[mango, orange, guava, mango, apple]

Correct Answer :

[mango, orange, guava, mango, apple]

Total Marks : 1MARKS OBTAINED 1

- Which of these is true for interfaces in java?

Marked Answer :

All of these

Correct Answer :

All of these

Total Marks : 1MARKS OBTAINED 1

- Encapsulation is ____.

Marked Answer :

All of these

Correct Answer :

Wrapping up of data and related functions into a single entity

Total Marks : 1MARKS OBTAINED 0

- Which Java method is used to convert an object to string?

Marked Answer :

toString()

Correct Answer :

toString()

Total Marks : 1MARKS OBTAINED 1

- What is a comparator in Java?

Marked Answer :

Interface to compare two objects in java

Correct Answer :

Interface to compare two objects in java

Total Marks : 1MARKS OBTAINED 1

- Which of the following methods are present in the comparator interface?

Marked Answer :

compare()

Correct Answer :

compare()

Total Marks : 1MARKS OBTAINED 1

- Which of the following statements is not correct for vectors in Java?

Marked Answer :

It is asynchronous

Correct Answer :

It is asynchronous

Total Marks : 1MARKS OBTAINED 1

- What will be the output of the following Java code?

```
public class Main {  
    public static void main(String[] args) {  
        StringBuffer sb = new StringBuffer("include");  
        sb.append("help");  
        System.out.println(sb);  
    }  
}
```

Marked Answer :

Error

Correct Answer :

Includehelp

Total Marks : 1MARKS OBTAINED 0

- What is a deadlock in Java?

Marked Answer :

State when threads are in hold state forever

Correct Answer :

State when threads are in hold state forever

Total Marks : 1MARKS OBTAINED 1

- Which graph is used to check for deadlock in Java?

Marked Answer :

Wait-for-graph

Correct Answer :

Wait-for-graph

Total Marks : 1MARKS OBTAINED 1

- Batch processing in java is ____.

Marked Answer :

All of these

Correct Answer :

All of these

Total Marks : 1MARKS OBTAINED 1

- Null in Java is ____.

Marked Answer :

All of these

Correct Answer :

All of these

Total Marks : 1MARKS OBTAINED 1

- Enumeration in Java is ____.

Marked Answer :

Data type which contains fixed set of constants

Correct Answer :

Data type which contains fixed set of constants

Total Marks : 1MARKS OBTAINED 1

- Can we pass objects to method arguments in Java?

Marked Answer :

Yes

Correct Answer :**Yes**

Total Marks : 1MARKS OBTAINED 1

- Which of the following ways is the correct way to create an object in Java?

Marked Answer :

All of these

Correct Answer :**All of these**

Total Marks : 1MARKS OBTAINED 1

- Which statement is correct for private member in Java?

Marked Answer :

Declared using private keyword

Correct Answer :**Declared using private keyword**

Total Marks : 1MARKS OBTAINED 1

- Which keyword is used to inherit classes in Java?

Marked Answer :

extends

Correct Answer :**extends**

Total Marks : 1MARKS OBTAINED 1

- Which of the following inheritance of class is invalid in Java?

Marked Answer :

Multiple

Correct Answer :**Multiple**

Total Marks : 1MARKS OBTAINED 1

- The ‘implements’ keyword is used to ____.

Marked Answer :

Inherit an interface in Java

Correct Answer :

Inherit an interface in Java

Total Marks : 1MARKS OBTAINED 1

- What is polymorphism in Java?

Marked Answer :

Performing a single task in multiple ways

Correct Answer :**Performing a single task in multiple ways**

Total Marks : 1MARKS OBTAINED 1

- What are packages in Java?

Marked Answer :

All of these

Correct Answer :**Way to encapsulate a group of classes, sub-packages, and interface**

Total Marks : 1MARKS OBTAINED 0

- Empty interface in Java is called?

Marked Answer :

Marker interface

Correct Answer :**Marker interface**

Total Marks : 1MARKS OBTAINED 1

- Which of these is a non-access modifier?

Marked Answer :

native

Correct Answer :**native**

Total Marks : 1MARKS OBTAINED 1

- When a finally block executed in Java?

Marked Answer :

Executed at last

Correct Answer :**Executed at last**

Total Marks : 1MARKS OBTAINED 1

- What is boolean in Java?

Marked Answer :

A value consisting of only true and false value

Correct Answer :

A value consisting of only true and false value

Total Marks : 1MARKS OBTAINED 1

- Which of these is not a valid Boolean method in Java?

Marked Answer :

All of these

Correct Answer :

All of these

Total Marks : 1MARKS OBTAINED 1

- Which method in Java is used to check for NaN values?

Marked Answer :

sNaN()

Correct Answer :

sNaN()

Total Marks : 1MARKS OBTAINED 1

- Which of these is a property of threads in Java?

Marked Answer :

Both A. and B.

Correct Answer :

Both A. and B.

Total Marks : 1MARKS OBTAINED 1

- Which thread is executed in the background?

Marked Answer :

Daemon thread

Correct Answer :

Daemon thread

Total Marks : 1MARKS OBTAINED 1

- Multithreading in java is ____.

Marked Answer :

Executing multiple processes simultaneously

Correct Answer :

Executing multiple processes simultaneously

Total Marks : 1MARKS OBTAINED 1

- What will be the output of following Java code?

```
public class Main {  
    public static void main(String[] args) {  
        System.out.println(Math.copySign(100.6, -200.6));  
    }  
}
```

Marked Answer :

-100.6

Correct Answer :

-100.6

Total Marks : 1MARKS OBTAINED 1

- Which method is used to convert radians to degree in Java?

Marked Answer :

toDegrees()

Correct Answer :

toDegrees()

Total Marks : 1MARKS OBTAINED 1

- Which of the following methods is used to extract the length of a string in Java?

Marked Answer :

length()

Correct Answer :

length()

Total Marks : 1MARKS OBTAINED 1

- The trim() method in Java used to ____.

Marked Answer :

Remove leading and trailing spaces

Correct Answer :

Remove leading and trailing spaces

Total Marks : 1MARKS OBTAINED 1

- What are regexes in Java?

Marked Answer :

API to define a pattern for searching strings

Correct Answer :

API to define a pattern for searching strings

Total Marks : 1MARKS OBTAINED 1

- What is a map in Java?

Marked Answer :

All of these

Correct Answer :

All of these

Total Marks : 1MARKS OBTAINED 1

- What is a set in Java?

Marked Answer :

Represented in the form of values

Correct Answer :

Represented in the form of values

Total Marks : 1MARKS OBTAINED 1

- What will be the output of following Java code?

```
import java.util.Hashtable;  
  
public class HashTableClass {  
  
    int hashCode;  
  
    HashTableClass(int hashCode) {  
  
        this.hashCode = hashCode;  
  
    }  
  
    public int hashCode() {  
  
        return hashCode;  
    }  
}
```

```
}

public String toString() {
    return hashcode + " ";
}

public static void main(String[] args) {
    Hashtable ht = new Hashtable();
    ht.put(new HashTableClass(10), "Java");
    ht.put(new HashTableClass(3), "C");
    ht.put(new HashTableClass(4), "C++");
    ht.put(new HashTableClass(5), "Ruby");
    ht.put(new HashTableClass(6), "null");
    System.out.println(ht);
}
```

Marked Answer :

{3 =C, 4 =C++, 5 =Ruby, 6 =null, 10 =Java}

Correct Answer :

{10 =Java, 6 =null, 5 =Ruby, 4 =C++, 3 =C}

Total Marks : 1MARKS OBTAINED 0

- Which of the following sorts the elements were inserted?

Marked Answer :

Hashtable

Correct Answer :

Hashtable

Total Marks : 1MARKS OBTAINED 1

- Which Java method is used to clear element of ArrayList?

Marked Answer :

clear()

Correct Answer :

clear()

Total Marks : 1MARKS OBTAINED 1

- Which Java method is used to add all of the specified elements to the specified collection?

Marked Answer :

addAll()

Correct Answer :

addAll()

Total Marks : 1MARKS OBTAINED 1

- Which Java method is used to detect the OS in which Java program is being run?

Marked Answer :

System.getProperties("os.name")

Correct Answer :

System.getProperties("os.name")

Total Marks : 1MARKS OBTAINED 1

- What is the default encoding of OutputStreamWriter?

Marked Answer :

Based on the host platform

Correct Answer :

Based on the host platform

Total Marks : 1MARKS OBTAINED 1

- Which method in java is used to get the name of running java VM?

Marked Answer :

System.getProperties("java.vm.name")

Correct Answer :

System.getProperties("java.vm.name")

Total Marks : 1MARKS OBTAINED 1

- Which Java method is used to get the version of the running java VM?

Marked Answer :

System.getProperties("java.vm.version")

Correct Answer :

System.getProperties("java.vm.version")

Total Marks : 1MARKS OBTAINED 1

- What is the full form of AWT?

Marked Answer :

Abstract window toolKit

Correct Answer :

Abstract window toolKit

Total Marks : 1MARKS OBTAINED 1

- Which escape character is used for word character in regex?

Marked Answer :

/w

Correct Answer :

/w

Total Marks : 1MARKS OBTAINED 1

- Jar in java stands for ____.

Marked Answer :

Java ARchive

Correct Answer :

Java ARchive

Total Marks : 1MARKS OBTAINED 1

- Which Java keyword is used to access features of a package?

Marked Answer :

import

Correct Answer :

import

Total Marks : 1MARKS OBTAINED 1

- The result of dividing by 0 in Java is ____.

Marked Answer :

Expectation

Correct Answer :

Expectation

Total Marks : 1MARKS OBTAINED 1

- What will be the output of following Java code?

```
public class ConcatNull {
```

```
public static void main(String[] args) {  
    String str1 = "include";  
    String str2 = "help";  
    System.out.println(str1 + str2);  
}  
}
```

Marked Answer :

includehelp

Correct Answer :

includehelp

Total Marks : 1MARKS OBTAINED 1

Total Marks **93 / 100**

93/100

Question 1

1

JDK stands for ____.

Java development kit

Java deployment kit

JavaScript deployment kit

None of these

Question 2

1

JRE stands for ____.

Java run ecosystem

JDK runtime Environment

Java Runtime Environment

- None of these

Question 3

1

What makes the Java platform independent?

- Advanced programming language
- It uses bytecode for execution
- Class compilation
- All of these

Question 4

1

Can we keep a different name for the java class name and java file name?

- Yes
- No

Question 5

1

What are the types of memory allocated in memory in java?

- Heap memory
- Stack memory
- Both A and B
- None of these

Question 6

1

Multiline comment is created using ____.

 // /* */ <!-- --> All of these

Question 7

1

What is the entry point of a program in Java?

 main() method The first line of code Last line of code main class

Question 8

1

Can we write a program without a main method in Java?

 Yes No

Question 9

1

Can the main() method be overloaded in Java?

 Yes

No

Question 10

1

Which keyword in java is used for exception handling?

 exep excepHand throw All of these

Question 11

1

Which class in Java is used to take input from the user?

 Scanner Input Applier None of these

Question 12

1

Method used to take a string as input in Java?

 next() nextLine() Both A. and B. None of these

Question 13

1

Which of the following is the correct syntax to create a variable in Java?

 var name; int name; var name int; All of these

Question 14

1

Is string mutable in Java?

 Yes No

Question 15

1

Which of these is a type of variable in Java?

 Instance Variable Local Variable Static Variable All of these

Question 16

1

What will be the output of the following Java code?

```
public class Main {  
    public static void main(String[] args) {
```

```
String str = "Hello";  
str = "Bye";  
System.out.println(str);  
}  
}
```

Hello

Bye

Error

All of these

Question 17

1

What is type casting in Java?

It is converting type of a variable from one type to another

Casting variable to the class

Creating a new variable

All of these

Question 18

1

Which type of casting is lossy in Java?

Widening typecasting

Narrowing typecasting

Manual typecasting

All of these

Question 19

1

Which of the following can be declared as final in java?

- Class
- Method
- Variable
- All of these

Question 20

1

Finally block is attached to?

- Try-catch block
- Class block
- Method block
- All of these

Question 21

1

The break statement in Java is used to ____.

- Terminates from the loop immediately
- Terminates from the program immediately
- Skips the current iteration
- All of these

Question 22

1

What will be the output of the following Java code?

```
public class Main {  
    public static void main(String arg[]) {  
        int i;  
        for (i = 1; i <= 12; i += 2) {  
            if (i == 8) {  
                System.out.println(i);  
                break;  
            }  
        }  
    }  
}
```

 1 No output 8 357911

Question 23

1

Can the Java program accept input from the command line?

 Yes, using command-line arguments Yes, by access command prompt No None of these

Question 24

1

Array in java is ____.

Collection of similar elements

Collection of elements of different types

The data type of consisting of characters

None of these

Question 25

1

Which of these is the correct method to create an array in java?

int[] arr = {1, 3, 5};

int[] arr;

arr = new int[] {3, 1, 8};

int arr[] = {1, 4, 6};

All of these

Question 26

1

Object in java are ____.

Classes

References

Iterators

None of these

Question 27

1

What is garbage collection in java?

Method to manage memory in java

Create new garbage values

Delete all values

Delete all values

Question 28

1

Static variables in java are declared as ____.

final variables

new variables

Constants

All of these

Question 29

1

BigInteger Class is used to ____.

Store very long range of number

Store integer values

A class that stores large range of integer

All of these

Question 30

1

'this' keyword in java is ____.

Used to hold the reference of the current object

Holds object value

Used to create a new instance

All of these

Question 31

1

What will be the output of the following Java code?

```
import java.util.Scanner;

class ThisKeyword {
    private int a = 4;
    private int b = 1;
    void getSum(int a, int b) {
        this.a = a;
        this.b = b;
        System.out.println(this.a + this.b);
    }
}

public class Main {
    public static void main(String args[]) {
        ThisKeyword T = new ThisKeyword();
        T.getSum(3, 5);
    }
}
```

5

9

8 4

Question 32

1

The ‘super’ keyword is used to ____.

 Access instance of the parent class Access instance of the same class Access instance of child class Access instance of friend class

Question 33

1

The super() method is used to ____.

 Call constructor of friend class Is a declared method Call constructor of the parent class Call constructor

Question 34

1

Wrapper class in java is ____

 Used to encapsulate primitive data types Declare new classes called wrapper Create a new instance of the class

- None of these

Question 35

1

Boxing is ____.

- Creating new box
- Creating object
- Converting primitive type of object instance
- All of these

Question 36

1

Abstract class is ____.

- Created using abstract keyword
- Contains only abstract method
- Needs to be inherited to be used
- All of these

Question 37

1

What is file handling in java?

- It is creating, deleting, and modifying files using a java program.
- Creating new method
- Filing method to different file to extract them better
- All of these

Question 38

1

How can we access methods for file handling in java?

 Java.files Java.io Java.io.File Java.FileHandling

Question 39

1

Which is the correct absolute path of a file in Java?

 C:\Program Files\Java\jdk1.8.0_131\bin\file_name.txt C:\Program Files\Java\file_name.txt C:\Program Files\Java\jdk1.8.0_131\file_name.txt C:\Program Files\Java\jdk1.8.0_131\bin\File Handling\file_name.txt

Question 40

1

Which method is used to add a new line to file in Java?

 file.addLine() file.nextLine() file.write() file.line()

Question 41

1

Which method deletes a file in Java?

file.delete()

file.remove()

file.garbage()

file.dump()

Question 42

1

Which method in java is used to read lines from file?

file.read()

file.nextLine()

file.getLine()

All of these

Question 43

1

The correct syntax to import the math library in java is ____.

import java.lang.math

import math

import java.math

All of these

Question 44

1

Which is/are valid method(s) of math library in java?

max()

cbrt()

log10()

All of these

Question 45

1

Which method in java is used to generate random numbers in Java?

random.nextInt()

random()

rand()

All of these

Question 46

1

In java, recursion is ____.

Method

A process allowing methods to call itself

The process to call methods

None of these

Question 47

1

What is stringBuffer in java?

- Class to create a string array
- Class to create a mutable string in java
- Class to create a string from i/o buffer
- All of these

Question 48

1

Which of the following is a valid data structure in java?

- Array
- List
- Vector
- All of these

Question 49

1

Which syntax is valid to create a vector in java?

- `Vector < string > names = new Vector < String > ();`
- `Vector name = new string;`
- `int name = new vector ()`
- All of these

Question 50

1

50. What will be the output of following Java code?

```
import java.util.Scanner;

class ThisKeyword {

    private int a = 4;

    private int b = 1;

    void getSum(int a, int b) {

        this.a = a;

        this.b = b;

        System.out.println(this.a + this.b);

    }

}

public class Main {

    public static void main(String args[]) {

        ThisKeyword T = new ThisKeyword();

        T.getSum(3, 5);

    }

}
```

Error

[mango, orange, guava, mango, apple]

[mango, orange, guava, apple]

None of these

Question 51

1

Which of these is true for interfaces in java?

The keyword interface is used to create a method

All the methods of an interface are abstract

It does not contain constructors

All of these

Question 52

1

Encapsulation is ____.

- Wrapping up of data and related functions into a single entity
- Creating special methods
- Creating special data structure
- All of these

Question 53

1

Which Java method is used to convert an object to string?

- createString()
- toString()
- object.string()
- newString()

Question 54

1

What is a comparator in Java?

- Interface to compare integer
- Comparison method for lists
- Interface to compare two objects in java
- All of these

Question 55

Which of the following methods are present in the comparator interface?

compare()

equate()

isEqual()

All of these

Question 56

Which of the following statements is not correct for vectors in Java?

It was created using vector keyword

It can store an object of different classes

It is asynchronous

None of these

Question 57

What will be the output of the following Java code?

```
public class Main {  
    public static void main(String[] args) {  
        StringBuffer sb = new StringBuffer("include");  
        sb.append("help");  
        System.out.println(sb);  
    }  
}
```

Error

include help Includehelp

Question 58

1

What is a deadlock in Java?

 State when all processes have complete working and are dead State when threads are in hold state forever State when threads are not ready All of these

Question 59

1

Which graph is used to check for deadlock in Java?

 Deadlock graph Time graph Wait-for-graph None of these

Question 60

1

Batch processing in java is ____.

Used to execute a group of queries or a batch as executing a single query, again and again, is time taking and reduce the performance

 Used to processing multiple queries can be executed at once

Used to increase program's performance

All of these

Question 61

1

Null in Java is ____.

Reserved keyword

Literal value

Used in exception handling

All of these

Question 62

1

Enumeration in Java is ____.

Data type which contains fixed set of constants

Method

Class

None of these

Question 63

1

Can we pass objects to method arguments in Java?

Yes

No

Question 64

1

Which of the following ways is the correct way to create an object in Java?

- Using the new keyword
- Using newInstance() method
- clone() method
- All of these

Question 65

1

Which statement is correct for private member in Java?

- Access outside the class is allowed
- Any class can access
- Declared using private keyword
- All of these

Question 66

1

Which keyword is used to inherit classes in Java?

- extends
- inheritance
- isChild
- None of these

Question 67

1

Which of the following inheritance of class is invalid in Java?

Single

Multiple

Multi-level

Hierarchical

Question 68

1

The ‘implements’ keyword is used to ____.

Implement the function of a class

Inherit an interface in Java

Inherit a class in java

All of these

Question 69

1

What is polymorphism in Java?

Performing a single task in multiple ways

Performing multiple tasks using multiple methods

Creating a new class for each task

All of these

Question 70

1

What are packages in Java?

- Methods of a friend class
- Methods of the main class
- Way to encapsulate a group of classes, sub-packages, and interface
- All of these

Question 71

1

Empty interface in Java is called?

- Marker interface
- Abstract class
- Derived class
- None of these

Question 72

1

Which of these is a non-access modifier?

- public
- private
- native
- All of these

Question 73

1

When a finally block executed in Java?

Try block is executed without any exception

Exception has occurred

Executed at last

None of these

Question 74

1

What is boolean in Java?

A value consisting of only true and false value

A value consisting of 8 values

Truthy value in java

All of these

Question 75

1

Which of these is not a valid Boolean method in Java?

equals() method

hashCode() method

toString() method

All of these

Question 76

1

Which method in Java is used to check for NaN values?

sNaN()

checkNaN()

sNotNaN()

All of these

Question 77

1

Which of these is a property of threads in Java?

Multiple threads can be executed concurrently

Has its own priority

Both A. and B.

None of these

Question 78

1

Which thread is executed in the background?

New thread

User-created thread

Daemon thread

All of these

Question 79

1

Multithreading in java is ____.

Executing multiple processes simultaneously

Creating more threads at a time

Blocking threads

All of these

Question 80

1

What will be the output of following Java code?

```
public class Main {  
    public static void main(String[] args) {  
        System.out.println(Math.copySign(100.6, -200.6));  
    }  
}
```

100.6

-100.6

-200.6

200.6

Question 81

1

Which method is used to convert radians to degree in Java?

convertRadtoDeg()

toDegrees()

degree()

- All of these

Question 82

1

Which of the following methods is used to extract the length of a string in Java?

- length()

- en()

- sizeof()

- size()

Question 83

1

The trim() method in Java used to ____.

- Remove the given character

- Remove the values after the given index

- Remove leading and trailing spaces

- None of these

Question 84

1

What are regexes in Java?

- API to define a pattern for searching strings

- String

- Array to create a new integer

- Wrapper class

Question 85

1

What is a map in Java?

- Data structure
- Defined in java.util package
- Represented using key-value pairs
- All of these

Question 86

1

What is a set in Java?

- Represented in the form of values
- Used to store key-value pairs
- Primary structures
- All of these

Question 87

1

What will be the output of following Java code?

```
import java.util.Hashtable;  
  
public class HashTableClass {  
  
    int hashCode;  
  
    HashTableClass(int hashCode) {  
  
        this.hashCode = hashCode;  
  
    }  
  
    public int hashCode() {  
  
        return hashCode;  
  
    }  
}
```

```
public String toString() {  
    return hashCode + " ";  
}  
  
public static void main(String[] args) {  
    Hashtable ht = new Hashtable();  
  
    ht.put(new HashTableClass(10), "Java");  
  
    ht.put(new HashTableClass(3), "C");  
  
    ht.put(new HashTableClass(4), "C++");  
  
    ht.put(new HashTableClass(5), "Ruby");  
  
    ht.put(new HashTableClass(6), "null");  
  
    System.out.println(ht);  
}
```

{10 =Java, 3 =C, 4 =C++, 6 =null, 5 =Ruby}

{10 =Java, 6 =null, 5 =Ruby, 4 =C++, 3 =C}

{3 =C, 4 =C++, 5 =Ruby, 6 =null, 10 =Java}

None of these

Question 88

1

Which of the following sorts the elements were inserted?

Hashtable

Map

Array

None of these

Question 89

1

Which Java method is used to clear element of ArrayList?

deleteAll()

delete()

clearAll()

clear()

Question 90

1

Which Java method is used to add all of the specified elements to the specified collection?

addValue()

copy()

cpy()

addAll()

Question 91

1

Which Java method is used to detect the OS in which Java program is being run?

system.getOSdetails()

system.get(os.name)

system.getProperties("os.name")

system.getProperties("os")

Question 92

1

What is the default encoding of OutstreamWriter?

UTF-32

UTF-16

UTF-12

Based on the host platform

Question 93

1

Which method in java is used to get the name of running java VM?

System.getProperties("java.vm.name")

System.vmName

System.getVmName

System.getProperties("vm.name")

Question 94

1

Which Java method is used to get the version of the running java VM?

System.vm.version

System.getProperties("vm.version")

System.getProperties("java.vm.version")

System.getVmVersion

Question 95

1

What is the full form of AWT?

Absolute window toolKit

Abstract window toolKit

Absolute wear kit

Abstract window tools

Question 96

1

Which escape character is used for word character in regex?

/w

/c

/str

/?

Question 97

1

Jar in java stands for ____.

Java ARchive

Java application runtime

Java application runner

None of these

Question 98

1

Which Java keyword is used to access features of a package?

get

import

extends

All of these

Question 99

1

The result of dividing by 0 in Java is ____.

Error

Expectation

Infinite

None of these

Question 100

1

What will be the output of following Java code?

```
public class ConcatNull {  
    public static void main(String[] args) {  
        String str1 = "include";  
        String str2 = "help";  
        System.out.println(str1 + str2);  
    }  
}
```

includehelp

include help None of these