

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 :

Yes

Correct Answer :

Yes

Total Marks : 1MARKS OBTAINED 1

- 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 :

No

Correct Answer :

Yes

Total Marks : 1MARKS OBTAINED 0

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

Marked Answer :

No

Correct Answer :

Yes

Total Marks : 1MARKS OBTAINED 0

- 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 :

Error

Correct Answer :

Bye

Total Marks : 1MARKS OBTAINED 0

- 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 :

Converting primitive type of object instance

Correct Answer :

Converting primitive type of object instance

Total Marks : 1MARKS OBTAINED 1

- 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.write()

Correct Answer :

file.write()

Total Marks : 1MARKS OBTAINED 1

- 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 :

Wrapping up of data and related functions into a single entity

Correct Answer :

Wrapping up of data and related functions into a single entity

Total Marks : 1MARKS OBTAINED 1

- 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 :

Includehelp

Correct Answer :

Includehelp

Total Marks : 1MARKS OBTAINED 1

- 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 :

Way to encapsulate a group of classes, sub-packages, and interface

Correct Answer :

Way to encapsulate a group of classes, sub-packages, and interface

Total Marks : 1MARKS OBTAINED 1

- 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 :

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

Correct Answer :

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

Total Marks : 1MARKS OBTAINED 1

- 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 **97 / 100**

97/100

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

1

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

☒ compare()☐ equate()☐ isEqual()☐ All of these

Question 56

1

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

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);  
    }  
}
```

☐ 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

☐ Sytem.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
