Quiz

**Que 1:** Java is a

1. high-level programming language
2. object-oriented (class-based) programming language
3. functional, imperative and reflective programming language
4. **All the above**

Q. 2 Which of the following is a correct Java program to print "Hello World!" on output ?

1. **public class HelloWorldApp {**

**public static void main(String[] args) {**

**System.out.println("Hello World!");**

**}**

**}**

1. public static void main(String[] args) {

System.out.println("Hello World!");

}

1. public class HelloWorldApp {

System.out.println("Hello World!");

}

1. System.out.println("Hello World!");

Q. 3 Size of int in Java is

depend on execution environment

64-bit

**32-bit**

16-bit

Q. 4 The smallest integer type is \_\_\_\_\_ and its size is \_\_\_\_\_ bits.

short, 16

short, 16

**byte, 8**

short, 8

Q. 5 Automatic type conversion in Java takes place when

two type are compatible and size of destination type is equal of source type.

two type are compatible and size of destination type is shorter than source type.

**two type are compatible and size of destination type is larger than source type.**

None of the above

Q 6 When you pass an array to a method, the method receives

The length of the array.

**The reference of the array.**

A copy of the first element.

A copy of the array.

7. Which will legally declare, construct, and initialize an array ?

**int myList [] = {4, 3, 7};**

int myList [] [] = {4,9,7,0};

int [] myList = (5, 8, 2);

int [] myList = {

8. What will be the oupput produced by following Java program ?

class codescracker

{

public static void main(String args[])

{

int array\_variable [] = new int[10];

for (int i = 0; i < 10; ++i)

{

array\_variable[i] = i;

System.out.print(array\_variable[i] + " ");

i++;

}

}

}

1 2 3 4 5 6 7 8 9 10

0 1 2 3 4 5 6 7 8 9

1 3 5 7 9

**0 2 4 6 8**

9. Arrays in Java are implemented as

variable

class

**object**

None of the above

Which of the following statement is incorrect ?

static methods can not refer to this or super in any way.

static methods can call other static methods only.

static methods must only access static data.

**when object of class is declared, each object contains its own copy of static variables.**

10 The String method compareTo() returns

1

**an int value**

false

true

11. String in Java is a

character array

variable

object

**class**

12. Which of these method is used to compare a specific region inside a string with another specific region in another string ?

**regionMatches()**

RegionMatches()

match()

regionMatch()

Which of these method of class String is used to check weather a given object starts with a particular string literal ?

ends()

Starts()

endsWith()

**startsWith()**

13. Which of these method of String class is used to obtain character at specified index ?

**charAt()**

 charat()

Charat()

char()

Which of these keywords is used to refer to member of base class from a sub class ?

**super**

this

upper

None of the above

14. What is the value returned by function compareTo(), if the invoking string is less than the string compared ? “ABC”.compareTo(“abc”);

value greater than zero

zero

**value less than zero**

None of the above

15. Which of these method of class String is used to remove leading and trailing whitespaces ?

Trim()

doTrim()

**trim()**

startsWith()

16. Which of the following statement is correct ?

replace() method replaces last occurrence of a character in invoking string with another character.

replace() method replaces first occurrence of a character in invoking string with another character.

reverseall() method reverses all characters.

**reverse() method reverses all characters.**

17. Which of these class is superclass of every class in Java ?

ArrayList class

Abstract class

**Object class**

String class

Which of these method of Object class can clone an object ?

clone()

**Object clone()**

copy()

Objectcopy()

18. Which of these keywords can be used to prevent inheritance of a class ?

**final**

Class

constant

super

19. Which of these keywords cannot be used for a class which has been declared final ?

extends

**abstract**

All of the above

None of the above

20. What notifyAll() method do ?

a. **Wakes up all threads that are waiting on this object monitor**

b. Wakes up one threads that are waiting on this object monitor

c. Wakes up all threads that are not waiting on this object monitor

d. None of the above

25. Which of these is a legal definition of a method named examveda assuming it throws IOException, and returns void. Also assume that the method does not take any arguments. Select the one correct answer.

1. void examveda(void) throws IOException{}
2. void examveda() throw IOException{}
3. **void examveda() throws IOException{}**
4. void examveda() {} throws IOException