JAVA Test - 3

1. What is the output of this program?

class evaluate {

public static void main(String args[])

{

int a[] = {1,2,3,4,5};

int d[] = a;

int sum = 0;

for (int j = 0; j < 3; ++j)

sum += (a[j] \* d[j + 1]) + (a[j + 1] \* d[j]);

System.out.println(sum);

}

}

1. What is the output of this program?

class array\_output {

public static void main(String args[])

{

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

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

array\_variable[i] = i/2;

array\_variable[i]++;

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

i++;

}

}

}

1. What is the output of this program?

class variable\_scope {

public static void main(String args[])

{

int x;

x = 5;

{

int y = 6;

System.out.print(x + " " + y);

}

System.out.println(x + " " + y);

}

}

1. What is the stored in the object obj in following lines of code?  
   box obj;  
   a) Memory address of allocated memory of object.  
   b) NULL  
   c) Any arbitrary pointer  
   d) Garbage
2. Which of the following is a valid declaration of an object of class Box?  
   a) Box obj = new Box();  
   b) Box obj = new Box;  
   c) obj = new Box();  
   d) new Box obj;
3. Which of these operators is used to allocate memory for an object?  
   a) malloc  
   b) alloc  
   c) new  
   d) give
4. What is the output of this program?

class main\_class {

public static void main(String args[])

{

int x = 9;

if (x == 9) {

int x = 8;

System.out.println(x);

}

}

}

1. What is the return type of a method that does not returns any value?  
   a) int  
   b) float  
   c) void  
   d) double
2. Which of the following is a method having same name as that of it’s class?  
   a) finalize  
   b) delete  
   c) class  
   d) constructor
3. Which of these method of String class can be used to test to strings for equality?  
   a) isequal()  
   b) isequals()  
   c) equal()  
   d) equals()
4. What is the output of this program?

class string\_class {

public static void main(String args[])

{

String obj = "I LIKE JAVA";

System.out.println(obj.charAt(3));

}

}

1. What is the output of this program?

class string\_class {

public static void main(String args[])

{

String obj = "hello";

String obj1 = "world";

String obj2 = "hello";

System.out.println(obj.equals(obj1) + " " + obj.equals(obj2));

}

}

## 13. toString() method is defined in

## java.lang.String

## java.lang.Object

## java.lang.util

## None of these

## 14What could be output of the following fragment of code?

public class Test{

public static void main(String args[]){ “10”

String x = "hellow";

int y = 9;

System.out.println(x += y);

} }

## What will be the output of the following program?

public class Test{

public static void main(String args[]){

String s1 = "java";

String s2 = "java";

System.out.println(s1.equals(s2));

System.out.println(s1 == s2);

}

}

16. The output of the following fraction of code is

public class Test{

public static void main(String args[]){

String s1 = new String("Hello");

String s2 = new String("Hellow");

System.out.println(s1 = s2);

}

}

## 17. What will be the output of the following program code?

class LogicalCompare{

public static void main(String args[]){

String str1 = new String("OKAY");

String str2 = new String(str1);

System.out.println(str1 == str2);

}

}

18. **What will this code print?  
 int arr[] = new int [5];  
 System.out.print(arr);**

**System.out.print(arr[0]);**

**System.out.print(arr.length);**

19. **What will this code print?  
 String arr[] = new String [5];  
 System.out.print(arr);**

**System.out.print(arr[0]);**

**System.out.print(arr.length);**

**20.What will this code print?  
 String arr[][] = new String [5][];  
 System.out.print(arr);**

**System.out.print(arr[0][0]);**

**System.out.print(arr[0]);**

**String Programs**

1. WAP to remove duplicate characters?
2. Calculate existing of vowels in a string
3. Calculate occurrence of single character in a string
4. WAP to check whether a String is palindrome or not?
5. First letter should be capital of every word in a String .