**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);

}

}

O/p – 40

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++;

}

}

}

O/p – 12345

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);

}

}

O/P- Compilation Error

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);

}

}

}

O/p- Compilation Error, Two variables with the same name can’t be created in a class.  
output:

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));

}

}

O/p – I

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));

}

}

O/p – false true

## 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);**

**} }**

O/P- Hellow9

## 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);**

**}**

**}**

**O/p – true true**

**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);

}

}

O/P- Hellow

## 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);**

**}**

**}**

**O/p – false**