10 QUESTION JAVA REVIEW

Arrays

Question 1

Given a one dimensional array arr, what is the correct way of getting the number of elements in arr.

Select the one correct answer.

[A] arr.length

[B] arr.length - 1

[C] arr.size

[D] arr.size - 1

Question 2

What will happen when following Java code block is compiled and run?

```
public class A {
 public static void main(String argv[]){
 int ary[]=new int[]{1,2,3};
 System.out.println(ary[1]);
    }
}
```

[A] 1

[B] Compilation Error: Incorrect Syntax

[C] 2

[D] Compilation Error: size of array must be defined

Question 3

What will happen if following code block is compiled/run?

```
int[] iArray = new int[10];
iArray.length = 15;
System.out.println(iArray.length);
```

[A] Prints 10
[B] Prints 15
[C] Compilation Error
[D] Run Time Error

Question 4

What will be printed using following code block?

```
int[] a = {0,1,2,3,4,5,6,7};
System.out.println(a.length);
```

[A] 6

[B] 7

[C] 8

[D] 9

Question 5

Which of these have highest precedence?

[A] ()

[B] ++

[C] *

[D] >>

Question 6

What is the output of this program?class array_output {

```
    public static void main(String args[])
    {
        char array_variable [] = new char[10];
            for (int i = 0; i < 10; ++i) {
            array_variable[i] = 'i';
            System.out.print(array_variable[i] + "");
        }
    }
  }
```

[A] 1 2 3 4 5 6 7 8 9 10

[B] 0 1 2 3 4 5 6 7 8 9 10

[C] i j k l m n o p q r

[D] i i i i i i i i i i

Question 7

Which of these is returned by greater than, <, and equal to, ==, operator?

[A] Integers

[B] Floating - point numbers

[C] Boolean

[D] None of the mentioned

Question 8

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));
    }
  }
```

Question 9

which of the following is the smallest integer data type ?

A] int

[B] long

[C] byte

[D] short

Question 10

Default value of Boolean data type in java.

[A] true

[B] false

[C] 1

[D] 0