IRC_JAVA_MCQ_ARRAYS1D

Test Summary

- No. of Sections: 1
- No. of Questions: 15
- Total Duration: 30 min

Section 1 - MCQ

Section Summary

- No. of Questions: 15
- Duration: 30 min

Additional Instructions:

None

Q1.   What will be the output of the following Java code?

```
1   class array_output
2   {
3       public static void main(String args[])
4       {
5           int array_variable [] = new int[10];
6       for (int i = 0; i < 10; ++i)
7           {
8               array_variable[i] = i;
9               System.out.print(array_variable[i] + " ");
10              i++;
11          }
12      }
13  }
```

    0 2 4 6 8

    1 3 5 7 9

    0 1 2 3 4 5 6 7 8 9

    1 2 3 4 5 6 7 8 9 10

Q2.   Which of these is an incorrect array declaration?

    int arr[] = new int[5]

    int [] arr = new int[5]

    int arr[] = new int[5]

    int arr[] = int [5] new

Q3.   Predict the output of the following program?

```
1   public class Main {
2       public static void main(String args[]) {
3           int arr[] = {10, 20, 30, 40, 50};
4           for(int i=0; i < arr.length; i++)
5           {
6               System.out.print(" " + arr[i]);
7           }
8       }
9   }
```

> 10 20 30 40 50

> 10 20 30 40

> 10 20 30 40 50 60

> Compile error

Q4.   Which of these is necessary to specify at time of array initialization?

> Row

> Column

> Both Row and Column

> None of the mentioned

Q5.   What is the output of the following code?

```
1   class array_output
2   {
3      public static void main(String args[])
4      {
5         char array_variable [] = new char[10];
6         for (int i = 0; i < 10; ++i)
7            {
8               array_variable[i] = 'i';
9               System.out.print(array_variable[i] + "");
10           }
11      }
12  }
```

> 1 2 3 4 5 6 7 8 9 10

> 0 1 2 3 4 5 6 7 8 9 10

> i j k l m n o p q r

> i i i i i i i i i i

Q6.   What will be the output of the following Java code?

```
1    class evaluate
2    {
3       public static void main(String args[])
4       {
5          int arr[] = new int[] {0 , 1, 2, 3, 4, 5, 6, 7, 8, 9};
6          int n = 6;
7            n = arr[arr[n] / 2];
8          System.out.println(arr[n] / 2);
9       }
10   }
11   |
```

> 3

0

6

1

Q7.   Unlike C-Arrays, the Java-Arrays have ___.

Names

Values

Methods and Fields

None

Q8.   Predict the output of the following program.

```
1  class Test {
2  public static void main(String args[]) {
3      int arr[] = new int[2];
4      System.out.println(arr[0]);
5      System.out.println(arr[1]);
6  }
7  }
8
```

0 0

garbage value garbage value

Compile error

Exception

Q9.   What will be the output of the following Java code?

```
1  int arr[] = new int [5];
2  System.out.print(arr);
```

0

value stored in arr[0]

00000

Class name@ hashcode in hexadecimal form

Q10.   The Java Virtual Machine (JVM) implements arrays as ___ type.

Primitive

Object

Q11.   What is the output of the following program?

```
1   class Test {
2   public static void main(String args[]) {
3       int arr[2];
4       System.out.println(arr[0]);
5       System.out.println(arr[1]);
6   }
7   }
8
```

0
0

garbage value
garbage value

Compile error

Run time error

Q12.   Which of the following declaration of the array contains the error?

int x[ ]= int[10];

int [ ] y=new int[5];

float d[ ]= {1,2,3};

int a[ ] = {1, 2,3; int b[ ]; b=a;

Q13.   How many of the following are legal declarations?
          float[] lion = new float[];
          float[] tiger = new float[1];
          float[] bear = new[] float;
          float[] ohMy = new[1] float;

0

1

2

Q14.   Which of these is an incorrect Statement?

It is necessary to use new operator to initialize an array

Array can be initialized using comma separated expressions surrounded by curly braces

Array can be initialized when they are declared

None of the mentioned

Q15.   Consider the following code.

After execution of this statement which of the following are true.
i) number [0] is undefined   ii) number[5] is undefined
iii) number [4] is null   iv) number.length() is 5

```
1    int number[ ]=new int[5];
```

i and ii only

ii and iii only

ii and iv only

i and iv only

Answer Key & Solution

Section 1 - MCQ

Q1

0 2 4 6 8

Solution

No Solution

Q2

int arr[] = int [5] new

Solution

No Solution

Q3

10 20 30 40 50

Solution

No Solution

Q4

Row

Solution

No Solution

Q5

i i i i i i i i i i

Solution

No Solution

Q6

1

Solution

No Solution

Q7

Methods and Fields

Solution

No Solution

Q8

0

0

Solution

No Solution

Q9   Class name@ hashcode in hexadecimal form

Solution

No Solution

Q10   Object

Solution

No Solution

Q11   Compile error

Solution

No Solution

Q12   int x[ ]= int[10];

Solution

No Solution

Q13   1

Solution

No Solution

Q14   It is necessary to use new operator to initialize an array

Solution

No Solution

Q15   ii and iv only

Solution

No Solution