Question 1

Correct

Mark 1.00 out of 1.00

⚑ Flag question

To copy elements from one array to another array, Java provides efficient built-in methods in _____ class.

Select one:

○ Object

◉ Arrays ✔

○ Collection

○ Array

Question 2

Correct

Mark 1.00 out of 1.00

⚑ Flag question

What will be the output of the program?

String str = "welcome";

str.toUpperCase(); /* Line 2 */

String s1 = str.replace('C', 'c');

s1 = s1 + " to Java";

System.out.println(s1);

Select one:

◉ welcome to Java ✔

○ WELCOME to Java

○ WELcOME to Java

○ WELCOME TO JAVA

Question 3

Correct

Mark 1.00 out of 1.00

⚑ Flag question

Observe the code

public class StringDemo {

    public static void main(String[]args) {

        String s1=new String("java");

        String s2=new String("java");

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

    }

}

The output of the code is

Select one:

◉ 0 ✔

○ true

○ false

○ 1

Determine the output:

```
public class Test  {
    public static void main(String[] args)  {
        int[] arr1 = {11,12,13,14,14,15};
        int[] arr2 = arr1;
        arr1 = new int[3];
        for(int i = 0; i < arr1.length; i++)
            System.out.print(arr2[i] + " ");
    }
}
```

Select one:

○ 0 0 0 0 0

◉ 11 12 13 ✔

○ 0 0 0

○ 11 12 13 14 15

What will be the output of the program?

```
public class Test  {
    public static void main (String args[])  {
        String str = NULL;
        System.out.println(str);
    }
}
```

Select one:

◉ Compile time error ✔

○
   Code runs but no output

○
   NULL

○
   Runtime Exception

In Java, what happens if you try to compile the below code :

```
 class MyStringDemo extends String {
}
```

Select one:

○ The code does not compile because the String class is abstract.

○ The code does not compile because you have not defined a main() method.

◉ The code does not compile because the String class is final. ✔

○ The code compiles successfully.

Given:

21. public String makingStrings() {

22. String str = "Welcome";

23. str = str.substring(1, 5);

24. str = str.toUpperCase();

25. return str;

26. }

 How many String objects are created in the heap when this method is invoked?

Select one:

○ 1

○ 3

○ 4

◉ 2 ✔

Given:

```
public class Main  {
     public static void test(String str)   {
          if (str == null | str.length() == 0)    {
               System.out.println("String is empty");
          }
          else    {
                System.out.println("String is not empty");
          }
     }
     public static void main(String a[])  {
           test(null);
     }
}
```

What is the result?

Select one:

○ "String is not empty" is printed to output.

○ "String is empty" is printed to output.

○ Compilation fails

◉ An exception is thrown at runtime. ✔

Predict the output:

```
public class Trial  {
          public static void main(String[] args)  {
                 int arr[4]={ };
                 System.out.print(arr[0]);
          }
}
```

Select one:

○ 0

○

 ArrayIndexOutOfBoundsException

◉

 Compile time error ✔

○

 Runtime error

Choose correct answer – true / false

String[] cities = new String[]{"London", "Paris", "NewYork", "HongKong", "Tokyo"};

String[] metros = new String[]{"London", "Paris", "NewYork", "HongKong", "Tokyo"};

String[] capitals = cities;

System.out.println("cities == metros : " + (cities == metros));

System.out.println("cities == capitals : " + (cities == capitals));

System.out.println("cities.equals(metros) : " + cities.equals(metros));

System.out.println("cities.equals(capitals) : " + cities.equals(capitals));

System.out.println("Arrays.equals(cities, metros) : " + Arrays.equals(cities, metros));

System.out.println("Arrays.equals(cities, capitals) : " + Arrays.equals(cities, capitals));

What will be the correct answer for the following?

cities.equals(capitals) :   true ⇕ ✔

Arrays.equals(cities, metros) :   true ⇕ ✔

cities == metros :   false ⇕ ✔

Observe the code.

int arr[]={12,14,22,5,1,66};

int position = Arrays.binarySearch(arr,5);

System.out.println(position);

What will be the output of the above code snippet?

Select one:

○ Compilation error

◉ Unpredictable ✔

○ 3

○ 4