

Started on	Thursday, 26 March 2020, 12:22 AM
State	Finished
Completed on	Thursday, 26 March 2020, 12:32 AM
Time taken	10 mins 18 secs
Marks	10.00/11.00
Grade	90.91 out of 100.00
Feedback	Congratulations!! You have passed by securing more than 80%

Question 1

Correct

Mark 1.00
out of 1.00

Flag
question

State True or False.

Advanced for loop is better as it is less error prone as we don't need to deal with index.

Select one:

- ☒ True ✓
- ☐ False

The correct answer is 'True'.

Question 2

Correct

Mark 1.00
out of 1.00

Flag
question

```
class ArrayTest {
    public static void main(String args[]) {
        int[] primes = new int[10];
        primes[0] = "a";
        System.out.println(primes[0]);
    }
}
```

What will be the result of compiling and executing the above code?

Select one:

- ☐ a. a
- ☐ b. Runtime exception
- ☒ c. compile time error ✓

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☐ d. ArrayStoreException

Your answer is correct.

The correct answer is: compile time error

Question 3

Correct

Mark 1.00
out of 1.00

Flag
question

In which of the following packages can you find String class?

Select one:

- ☐ a.
none of the options
- ☒ b.
lang ✓
- ☐ c. io
- ☐ d.
util

Your answer is correct.

The correct answer is:
lang

Question 4

Correct

Mark 1.00
out of 1.00

Flag
question

```
String name="teknoturf";  
String cname="teknoturf";  
String compname=new String("teknoturf");  
1.if(name==cname)  
2.if(name.equals(cname))  
3.if(name==compname)  
4.if(name.equals(compname))  
Identify the output.
```

Select one:

- ☒ a. Line 1,2,4 will return true. ✓
- ☐ b. Line 1,3,4 will return true.
- ☐ c. Line 3,4 will return true.
- ☐ d. Line 1,3 will return true.

Your answer is correct.

The correct answer is: Line 1,2,4 will return true.

Question 5

Correct

Mark 1.00
out of 1.00

Flag
question

StringBuffer is used to create _____.

Select one:

- ☐ a. an immutable String
- ☒ b. a mutable String ✓

Your answer is correct.

The correct answer is: a mutable String

Question 6

Correct

Mark 1.00
out of 1.00

Flag
question

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

Select one:

- ☐ a. arr.length()
- ☐ b. arr.length-1
- ☒ c. arr.length ✓
- ☐ d. arr.length()-1

Your answer is correct.

The correct answer is: arr.length

Question 7

Correct

Mark 1.00
out of 1.00

Flag
question

StringBuilder is less efficient and slower than StringBuffer. State true or false.

Select one:

- ☐ True
- ☒ False ✓

The correct answer is 'False'.

Question 8

Correct

Mark 1.00
out of 1.00

🚩 Flag
question

What is the output of this program?

```
class Output {  
    public static void main(String args[]) {  
        int a1[] = new int[10];  
        int a2[] = {1, 2, 3, 4, 5};  
        System.out.println(a1.length + " " + a2.length);  
    }  
}
```

Select one:

- ☐ a. 0 5
- ☒ b. 10 5 ✓
- ☐ c. 0 10
- ☐ d. 5 10

Your answer is correct.

The correct answer is: 10 5

Question 9

Correct

Mark 1.00
out of 1.00

🚩 Flag
question

```
class TestArray {  
    public static void main(String args[]) {  
        int arr_sample[] = new int[2];  
        System.out.println(arr_sample[0]);  
    }  
}
```

What will be the result of compiling and executing the above code?

Select one:

- ☐ a. The program compiles and runs but the results are not predictable because of un-initialized memory being read.
- ☒ b. The program compiles and prints 0 when executed. ✓
- ☐ c. The program compiles and prints 1 when executed.
- ☐ d. The program generates a runtime exception because arr_sample[0] is being read before being initialized.
- ☐ e. The program does not compile because arr_sample[0] is being read before being initialized.

Your answer is correct.

The correct answer is: The program compiles and prints 0 when executed.

Question 10

Incorrect

Mark 0.00
out of 1.00

🚩 Flag
question

List the correct ways of declaring an Array.

Select one or more:

- ☒ a.
`int studentId[];` ✓
- ☐ b. `String [] name [];`
- ☒ c. `int studentId[10];` ✗
- ☐ d.
`int []studentId;`
- ☐ e.
`String name[]=new String(10);`

Your answer is incorrect.

The correct answers are:

`int []studentId;`
`int studentId[];`, `String [] name [];`

Question 11

Correct

Mark 1.00
out of 1.00

🚩 Flag
question

String Objects are mutable. State true or false.

Select one:

- ☐ True
- ☒ False ✓

The correct answer is 'False'.

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