JUnit / JUnit / Pre-Quiz

Started on	Tuesday, 24 March 2020, 8:04 AM
State	Finished
Completed on	Tuesday, 24 March 2020, 8:07 AM
Time taken	3 mins 4 secs
Marks	4.00/5.00
Grade	**80.00** out of 100.00

Question 1

Correct
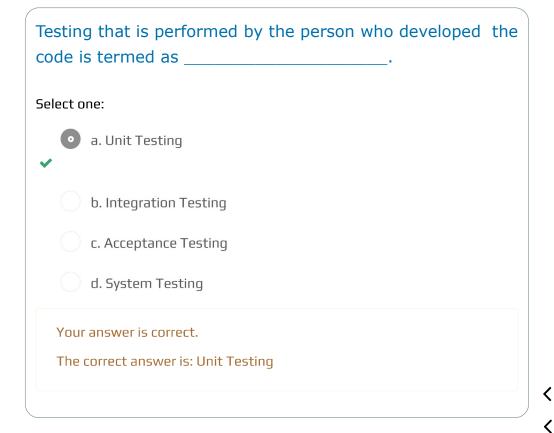
Mark 1.00 out of 1.00

Observe the below code :

In Test.java, the code is :

```
public class Test
{
    private int area(int side)  //line 1
    {
        return(side * side);
    }
}
```

In Main.java, the code is

```
public class Main
{
    public static void main(String args[ ])
    {
        Test testObj  = new Test( );  //line 2
        int area = testObj.area(50);  //line 3
        System.out.println(area);
    }
}
```

Predict the output of the above code.

Select one:

○ a. Compilation error at line 2

⦿ b. Compilation error at line 3 ✔

○ c. 2500

○ d. Compilation error at line 1

Your answer is correct.

The correct answer is: Compilation error at line 3

Question **2**

Correct

Mark 1.00 out of 1.00

Testing that is performed by the person who developed the code is termed as _____.

Select one:

○ a. Unit Testing ✔

○ b. Integration Testing

○ c. Acceptance Testing

○ d. System Testing

Your answer is correct.

The correct answer is: Unit Testing

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Question **3**

Incorrect

Mark 0.00 out of 1.00

Observe the below code :

```
public class Calculator
{
    publc float add(float a,float b)  {
        return a + b;
    }
    publc float  product(float a,float b)  {
        return a * b;
    }
}
```

The object for the above class is created as Calculator calcObj = new Calculator();

Which operator needs to be used to access the add and product methods?

Select one:

- ⊙ a. hash (#)
✖

- ○ b. dot(.)

- ○ c. asterisk (*)

- ○ d. ampersand (&)

Your answer is incorrect.

The correct answer is: dot(.)

Question **4**

Correct

Mark 1.00 out of 1.00

State True or False.

Testing needs to be done to check the correctness of the program. That is, the code needs to be checked by providing both valid and invalid values for its correctness.

Select one:

◉ True ✔

◯ False

> The correct answer is 'True'.

Question **5**

Correct

Mark 1.00 out of 1.00

Assume there is a program in arrays. There is a statement that the size of the array should be between 5 and 20. When testing needs to be done for the code written, what values will be apt for the size of the array?

Select one:

◯ a. 15

◯ b. 5,20

◉ c. 4,5,15,20,21 ✔

> Your answer is correct.
>
> The correct answer is: 4,5,15,20,21

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