Section 4 Part 1 – Ery

Review your answers, feedback, and question scores below. An asterisk (*) indicates a correct answer.

Section 4 - Quiz 1 L1-L2
(Answer all questions in this section)

1. An argument is a value that's passed during a method call

Mark for Review
(1) Points

    ◉ True (*)

    ○ False

    ✔ Correct

2. Which of the following scenarios would be ideal for writing a method?

Mark for Review
(1) Points

    ○ For every five to six lines of code.

    ◉ To group similar data types together

    ○ When you don't find similar lines of code to describe an object's behavior.

    ○ When you don't want to repeat similar lines of code to describe an object's behavior. (*)

    ✘ Incorrect. Refer to Section 4 Lesson 1.

3. Which is a valid way of calling the testMethod in the TestClass? Assume a testInstance has been created.

Mark for Review
(1) Points

public void testMethod(int x, double y){
   System.out.println(x/y);
}

    ○ testInstance.testMethod(3.5);

    ○ testInstance.testMethod(10);

    ◉ testInstance.testMethod(3.5, 10);

    ○ testInstance.testMethod(10, 3.5, 0);

    ○ testInstance.testMethod(10, 3.5); (*)

    ✘ Incorrect. Refer to Section 4 Lesson 1.

4. How many arguments does the following method accept?

```
public void simpleInterest(double principal, int noofYears, double interestRate){
    System.out.println("The interest rate is " +interestRate );
}
```

○ 1

◉ 0

○ 2

○ 3 (*)

❌ Incorrect. Refer to Section 4 Lesson 1.

5. Methods allow all instance of a class to share same behaviors.

◉ True (*)

○ False

✅ Correct

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Section 4 - Quiz 1 L1-L2
(Answer all questions in this section)

6. In Java, methods usually hold the properties of an object.

○ True

◉ False (*)

✅ Correct

7. Which of the following are the arguments in the following method?

```
Employee emp = new Employee();
emp.calculateSalary(100000, 3.2, 15);
```

○ emp.calculateSalary(100000, 3.2, 15);

○ 100000, 3.2, 15 (*)

○ emp

◉ calculateSalary(100000, 3.2, 15);

❌ Incorrect. Refer to Section 4 Lesson 1.

8. Object instantiation is done using what keyword?

☐ Mark for Review
(1) Points

○ new (*)

○ instance

◉ void

○ System

❌ Incorrect. Refer to Section 4 Lesson 1.

9. The classes of the Java class library are organized into packages.

☐ Mark for Review
(1) Points

◉ True (*)

○ False

✅ Correct

10. The JFrame and JOptionPane classes are in the javax.swing package. Which two will import those classes?

☐ Mark for Review
(1) Points

(Choose all correct answers)

☐ import javax.swing.*; (*)

☑ import javax.swing.JOptionPane;
import javax.swing.JFrame; (*)

☐ import javax.swing;

☐ import javax.swing.J*;

❌ Incorrect. Refer to Section 4 Lesson 2.

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Review your answers, feedback, and question scores below. An asterisk (*) indicates a correct answer.

Section 4 - Quiz 1 L1-L2

(Answer all questions in this section)

11. Given the import statement:
import java.awt.font.TextLayout;
which is the package name?

Mark for Review
(1) Points

    ○ java

    ○ java.awt.font (*)

    ● java.awt

    ○ awt.font

    X Incorrect. Refer to Section 4 Lesson 2.

12. Which is a risk of using fully qualified class names when importing?

Mark for Review
(1) Points

    ○ The compiler runs longer.

    ○ Code readability is reduced. (*)

    ● Performance of the code is reduced.

    ○ Memory usage is increased.

    X Incorrect. Refer to Section 4 Lesson 2.

13. Which package is implicitly imported?

Mark for Review
(1) Points

    ○ java.lang (*)

    ● java.io

    ○ java.math

    ○ ava.awt

    X Incorrect. Refer to Section 4 Lesson 2.

14. Which statement is true about packages?

Mark for Review
(1) Points

    ○ A package contains a group of related classes. (*)

    ● Packages of the Java class library do not contain related classes.

    ○ A package makes it difficult to locate the related classes.

    ○ A package doesn't contain a group of related classes.

15. Import statements are placed above the class definition.

☐

◉ True (*)

○ False

✓ Correct

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