

**AP COMPUTER SCIENCE
SECTION I**

**Number of Questions — 2
Percent of total test grade — 50**

Directions: Determine the answer to each of the following questions or incomplete statements, using the available space for any necessary scratch work. Then decide which is the best of the choices given and fill in the corresponding oval on the answer sheet. No credit will be given for anything written in the examination booklet (these pages). Do not spend too much time on any one problem.

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1. Consider the following code segment.

```
System.out.println("\"This is my output.\"");
```

What will be output by the code segment?

- (A) This is my output.
- (B) "This is my output."
- (C) "\"This is my output.\""
- (D) \"This is my output.\"
- (E) Nothing, it will produce an error.

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2. A teacher asks the class to write Java program that produces the following output:

fee fi fo fum

Which of the following complete programs correctly produces this output?

- I. `public class MyClass {
 public static void main(String[] args) {
 System.out.println("fee fi fo fum");
 }
 }`
- II. `public class MyClass {
 public static void foFum() {
 System.out.println("fo fum");
 }
 public static void feeFi() {
 System.out.print("fee fi ");
 }
 public static void main(String[] args) {
 feeFi();
 foFum();
 }
 }`
- III. `public class MyClass {
 public static void feeFi() {
 System.out.print("fee fi ");
 foFum();
 }
 public static void foFum() {
 System.out.println("fo fum");
 }
 public static void main(String[] args) {
 feeFi();
 }
 }`

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- (A) I only
- (B) II only
- (C) III only
- (D) I and II
- (E) I, II and III

END OF SECTION I.

**AP COMPUTER SCIENCE
SECTION II**

**Number of Questions — 2
Percent of total test grade — 50**

Directions: Please complete the following program according to the specification given. Partial credit will be given for incomplete answers, so provide as much of the answer as you can.

Remember that all program segments are to be written in Java.

Notes:

- Assume that classes listed in the Quick Reference found in Appendix have been imported where appropriate.

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Questions 1-2 refer to the following scenario and incomplete program.

You are working with a team of engineers on a program that draws geometric shapes. Your first goal is to write a program that produces the following output:

```
+----+
|    |
|    |
|    |
+----+
```

You are provided with the following incomplete program:

```
public class DrawRectangle {
    public static void main(String[] args) {
        drawHorizontal();
        drawVertical();
        drawVertical();
        drawVertical();
        drawHorizontal();
    }

    /* drawHorizontal method to be completed by student */

    /* drawVertical method to be completed by student */

}
```

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1. Write the static method `drawHorizontal` below, including method header and method body:
2. Write the static method `drawVertical` below, including method header and method body:

END OF SECTION II.