Assessment

1. java uses a period (.) to separate directories. What are these structures called?   **1 / 1 point**

   ○ Files

   ● Packages

   ○ platforms

   > ✓ **Correct**
   > Yes.

2. Attributes should generally be marked with which access?   **1 / 1 point**

   ○ Default (no explicit access modifier)

   ● Private

   ○ Protected

   ○ Public

   > ✓ **Correct**
   > Correct. Implementation hiding.

3. Classpath _____. (Select all that apply)   **1 / 1 point**

   ☑ can be set up as a system-wide environment variable

   > ✓ **Correct**
   > Yes.

   ☑ can be passed to the Java program when your program starts

   > ✓ **Correct**
   > That's right

   ☐ None of these

   ☐ manages directories and packages for you

4. Compiled source files will have _____ as the .java file it was compiled from, but with an extension of .class.   **1 / 1 point**

   ○ the same declarations

   ○ the same methods

   ● the same name

   > ✓ **Correct**
   > Right.

5. Attributes are defined inside the class block, but outside of the _____.

1 / 1 point

- ◉ method blocks
- ○ data types
- ○ braces

> ✓ **Correct**
> Right.

6. Methods must be defined with which of the following? (Select all that apply)

1 / 1 point

- ☑ signature

> ✓ **Correct**
> Yes

- ☐ accessibility

- ☑ return type

> ✓ **Correct**
> Correct

- ☑ their name

> ✓ **Correct**
> Right

7. How many levels of accessibility does Java provide?

1 / 1 point

- ○ 2
- ○ 3
- ◉ 4

  ✓ **Correct**

  Yes: Private, default, protected, and public.

8. True or False: A class can have more than one constructor.

1 / 1 point

- ◉ True
- ○ False

  ✓ **Correct**

  Yes.

9. What keyword do you use to set up attributes so they have only one value across all instances inside the same system?

1 / 1 point

- ○ match
- ○ final
- ◉ static

  ✓ **Correct**

  That's right.

10. Which class provides the following common "hook"?

1 / 1 point

System.out.println();

- ○ Static
- ○ Math
- ◉ System

  ✓ **Correct**

  That's right.