

Selenium and Cucumber

Pre-Assessment for State Street Corporate Services



NAME: _____ DATE: _____

Select the most appropriate options.

1. Given the following, which variable is being validly set in the constructor?

```
public class MyClass {  
    private final int iVal1;  
    private static final int iVal2;  
    public MyClass() {  
        iVal1 = 1;  
        iVal2 = 2;  
    }  
}
```

- a. iVal1
- b. iVal2
- c. Both
- d. Compile error

2. What is the main purpose of Maven?

- a. Compile Javascript
- b. Repeatable Builds
- c. Build Zip Files
- d. Documentation

3. When would you use LinkedHashMap?

- a. As a general-purpose Map
- b. It's a special-purpose map for serialization and graph traversal.
- c. For enums
- d. When you want a deterministic iteration order

4. If you add the object "a" to the same set twice, what will the set's size be?

- a. 1
- b. 0
- c. 2
- d. Exception thrown during second addition

5. Which of the following doesn't produce an Immutable collection?

- a. Collections.singletonList()
- b. Collections.emptyList()
- c. Collections.unmodifiableList()

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6. **A non intrusive method of signaling error conditions during a java program execution is through.**
 - a. Type Checking
 - b. Exception Handling
 - c. Error Checking
 - d. All of the above
7. **What is produced when a Maven build has completed?**
 - a. Artifact
 - b. Source Code
 - c. Images
 - d. Hypervisor
8. **When using Maven where are dependencies downloaded to?**
 - a. {home directory}/.m2/repository
 - b. java.io.temp
 - c. target
 - d. The project directory
9. **In java grouping a set of related types as a common unit is provided through the mechanism of**
 - a. Namespace
 - b. Package
 - c. Classes
 - d. All of the above
10. **When using a java package the below things happen**
 - a. A namespace is Created
 - b. Access boundary is created
 - c. A distributable unit is created
 - d. All of the above