



# Java Test 1

Date:

Name :

1. The following is an example of up casting. (True or False)

**Object o = new Employee (52\_000);**

2. How many times will this program iterate?

```
for (int i = 0; i < 10; i++) {  
    System.out.println("counter :" + i);  
}
```

- |             |       |
|-------------|-------|
| A. 9        | B. 10 |
| C. 11       | D. 12 |
| E. Infinite |       |

3. Which is a reserved word in the Java programming language?

- |               |              |
|---------------|--------------|
| A. method     | B. class     |
| C. subclasses | D. reference |
| E. array      |              |

4. Which is a valid keyword in java?

- |              |             |
|--------------|-------------|
| A. interface | B. String   |
| C. Float     | D. unsigned |

5. You want subclasses in a package to have access to members of a superclass. Which is the most restrictive access that accomplishes this objective?

- |              |              |
|--------------|--------------|
| A. public    | B. private   |
| C. protected | D. transient |

6. Try catch block can have multiple catch

- |         |          |
|---------|----------|
| A. True | B. False |
|---------|----------|

7. **public class Test { }**

**What is the prototype of the default constructor?**

- A. Test( )
- B. Test(void)
- C. public Test( )
- D. public Test(void)

8. **What is the most restrictive access modifier that will allow members of one class to have access to members of another class in the same package?**

- A. public
- B. abstract
- C. protected
- D. synchronized
- E. default access

9. **Which cause a compiler error?**

- A. int[ ] scores = {3, 5, 7};
- B. String age = 55;
- C. String cats[ ] = {"Fluffy", "Spot", "Zeus"};
- D. float age = 100f;
- E. Integer results[ ] = {new Integer(3), new Integer(5), new Integer(8)};

10. **An array has a property that indicates its size**

- A. count
- B. howBig
- C. size
- D. length

11. **String is an immutable class**

- A. Yes
- B. No

12. **Throwable is a superclass of Exception\_\_\_\_\_**

- A. Yes
- B. No

13. **Having try-finally is valid in Java\_\_\_\_\_**

- A. No
- B. Yes

14. **Encapsulation is to deal with access specifier.  
Example (public, protected, and private)**

- A. Yes
- B. No

15. How many times will this program iterate

```
for (int i = 0; i < 10; i++) {  
    System.out.println("counter :" + i);  
    i = 0;  
}
```

- |             |       |
|-------------|-------|
| A. 9        | B. 10 |
| C. 11       | D. 12 |
| E. Infinite |       |