

✓ Congratulations! You passed!

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Grade received 90.90% To pass 82% or higher

Review Assessment

Latest Submission Grade 90.9%

1. In Java, the declaration of the following code results in _____.

1 / 1 point

```
public static void main(String[] args) {  
  
    ...  
  
    Car car;  
  
    ...  
  
}
```

- ☐ A Car object with unknown state
- ☐ A Car reference with a null value
- ☒ A Car reference with an undefined value

✓ Correct
Correct.

2. True or false: An instance of a subclass has access to all of the attributes of its parent class(es).

1 / 1 point

- ☐ True
- ☒ False

✓ Correct
Right.

3. A class that overrides a parent method, methodName(args) _____.

1 / 1 point

- ☐ Can invoke the parent method using super(args)
- ☐ Can invoke the parent method using parent.methodName(args)
- ☐ Hides the parent method, which cannot be accessed.
- ☐ Can invoke the parent method using super().methodName(args)
- ☒ Can invoke the parent method using super.methodName(args)

✓ Correct
Correct

4. Which of the following is correct?

1 / 1 point

- ☒ public class Child extends Parent { }
- ☐ public class Child inherits Parent { }
- ☐ public class Child super Parent { }
- ☐ public class Child (Parent) { }

✓ Correct
Correct

5. All Java classes automatically directly or indirectly extend _____.

1 / 1 point

- ☐ Nothing
- ☒ java.lang.Object

✓ **Correct**
Correct

6. Java classes that want to be printable should implement...

1 / 1 point

- ☒ toString()
- ☐ getString()
- ☐ print()
- ☐ asString()

✓ **Correct**
Correct.

7. Can a subclass remove a method that it inherits, if it doesn't want to expose it?

1 / 1 point

- ☐ Yes
- ☒ No

✓ **Correct**
Correct

8. An overloaded method is one where a class...

0 / 1 point

- ☐ Replaces the implementation of an inherited method
- ☐ Has two methods of the same name and arguments, but with different return types.
- ☒ Inherits a method, but customizes the result
- ☐ Has two methods of the same name, but different arguments.

✗ **Incorrect**
No, that is not overloading

9. True or false: It is easy for a subclass to overload the type of a parent's bean property.

1 / 1 point

- ☒ False
- ☐ True

✓ **Correct**
The problem is that you can't change the return type of the getter.

10. An overridden method is one where a class...

1 / 1 point

- ☐ Has two methods of the same name, but different arguments.
- ☒ Replaces the implementation of an inherited method
- ☐ Has two methods of the same name and arguments, but with different return types.

✓ **Correct**
Correct

11. Every constructor implicitly _____.

1 / 1 point

- ☐ Starts with super()
- ☐ Starts with super() where () is the arguments of the constructor

Starts with `super()` where `()` is the arguments of the constructor.

☒ Starts with `super()` if the first line of the constructor isn't a call to `super(...)` with arguments valid for one of the parent class' constructors.

☒ **Correct**
Right.