Total Questions: 12



Java 111 Chapter 7 (from version 1)

Most Correct Answers: #9

Least Correct Answers: #12



10/12



1/12



2. Which of the following are true?

- 10/12 A You can write a new instance method in the subclass that has the same signature as the one in the superclass, thus overriding it.
- 10/12 B You can declare new methods in the subclass that are not in the superclass.
- 7/12 You can declare new fields in the subclass that are not in the superclass.
- **0/12** D None of the above.

3. The 'IS-A' test can be used to determine whether an item:

- 9/12 A is a subclass
- 0/12 (B) should be a method
- 2/12 (c) is an attribute
- 0/12 (D) should be overridden

4. Considering the code, which of the following is true? public class Cat extends Animal $\{\ldots\}$

- 0/12 (A) Cat 'has-a' Animal
- 11/12 B Cat 'is-a' Animal
- 0/12 (c) Animal 'is-a' Cat
- **0/12** D Cat 'has-a' Cat

5. A kumquat is:

- **1/12** (A) An orange
- **1/12** (B) A Grape
- **3/12** (c) Both
- 6/12 D Citrus
- 6. A subclass can use the "extends" keyword to extend multiple superclasses.
- **4/12** (A) True
- **7/12** B False

mes	sage to	erclass called Fruit contains a method called display to the terminal. Apple is a subclass of Fruit. Which co Apple will successfully call that method?	() that outputs a ode segment IN THE
10/12	A	super.display();	
0/12	B	Fruit.display();	
0/12	C	display(Fruit);	
1/12	D	Apple.display();	
8. Which of the following are true with regard to inheritance?			
0/12	A subclass must have methods or instance variables in its source code		
9/12	В	A subclass is can be a superclass to another class	
11/12	C	A subclass is able to override methods of a superclass	
11/12	D	A subclass inherits instance variables and methods from a sup	perclass
9. A superclass with a method that has the same header as a subclass will override the subclass' method.			
1/12	A	True	
11/12	В	False	
10. You have two classes show below. If you run a test drive and create a Surgeon object and call the treatPatient method, what will the output be?			
obje	ct and	call the treatPatient method, what will the output	be?
0/12	A	Pop some pills	public class Doctor { boolean worksAtMospital;
	(A) (B)		public class Doctor { boolean worksAtMospital; void treatPatient() { } System.ed.ariatic("Pop some pills"); } public class Surgeon extends Doctor { void treatPatient() { } System.ed.ariatic("I" in going to put you under and perform surgery"); } }
0/12	A B	Pop some pills Pop some pills I'm going to put you under and perform	<pre>public class Doctor { boolean worksAtMospital; void treatPatient() { System.out.or.initn("Pop some pills"); } } public class Surgeon extends Doctor {</pre>
0/12 1/12	A B	Pop some pills Pop some pills I'm going to put you under and perform surgery	public class Dottor { boolean worksAtMospital; void treatPatient() { System.out.printin("Pop some pills"); } public class Surgeon extends Doctor (void treatPatient() { System.out.printin("I"m going to put you under and perform surgery"); System.out.orintin("Siso. Snio"); System.out.orintin("Siso. Snio"); } }
0/12 1/12 10/12	A B C D	Pop some pills Pop some pills I'm going to put you under and perform surgery I'm going to put you under and perform surgery	public class Dottor { boolean worksAtMospital; void treatPatient() { System.out.printin("Pop some pills"); } public class Surgeon extends Doctor (void treatPatient() { System.out.printin("I"m going to put you under and perform surgery"); System.out.orintin("Siso. Snio"); System.out.orintin("Siso. Snio"); } }
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0/12 1/12 10/12 1/12 11. 3/12 4/12 3/12 2/12 12. insta	A B C A A Surrance o	Pop some pills Pop some pills I'm going to put you under and perform surgery I'm going to put you under and perform surgery I'm going to put you under and perform surgery Snip, Snip od "overloading" is when: Two or more methods have the same name, and the same number of arguments of the same type A method can take any number of arguments of the same type A method calls the method of the same name of its superclass ming the upper code is part of a Thing class and the fithe class called thing, what will the result be? Twice thing's value is: 40	public class Doctor { boolean worksAtthepital; void treatPatient[) { System.out.println("Pop some pills"); } } public class Surgeon extends Doctor { void treatPatient[) { System.out.println("re going to put you under and perform surgery"); void makefulcistin() { System.out.println("Snip, Snip"); } public string getValue() { return "20"; } public int getValue() { return "20"; } }