Given:
1. public class GC{
2. private Object o;
3. private void doSomethigElse(Object obj){o = obj}
4. public void doSomething(){
5. Object o = new Object();
6. doSomethingElse(o);
7. o = new Object();
8. doSomethingElse(null);
9. o = null;
10. }
11. }
When the doSomething method is called, after which line does the Object created in line 5 become available for garbage collection?
A. Line 5
B. Line 6
C. Line 7
D. Line 8
E. Line 9
F. Line 10

D

Given:
11. class Snoochy{
12. Boochy booch;
13. public Snoochy(){
14. }
15.
16. class Boochy{
17. Snoochy snooch;
18. public Boochy(Snoochy s){snooch = s;}
19. }
And the statements:
21. public static void main(String [] args){
22. Snoochy snoog = new Snoochy();
23. snoog = null;
24. //more code here
25. }
Which statement is true about the objects referenced by snoog, snooch, and booch inmediately after line 23 executes?
A. None of these objects are eligible for garbage collection.
B. Only the object referenced by booch is eligible for garbage collection.
C. Only the object referenced by snoog is eligible for garbage collection.
D. Only the object referenced by snooch is eligible for garbage collection.
E. The objects referenced by snooch and booch are eligible for garbage collection.

E

Which statement is true?
A. A class's finalize() method CANNOT be invoked explicity.
B. super.finalize() is called implicity by any overriding finalize() method.
C. The finalize() method for a given object is called no more than once by the garbage collector.
D. The order in which finalize() is called on two objects is based on the order in which the two objects became finalizable.

C