1. E (Constructor call (super();) muest be first statemant in a constructor
2. Answer: D  
   NullPointerException is thrown.  
   isEmpty's body should be changed to "return (s == null || s.length() == 0);"
3. Answer: D
4. E
5. D
6. B  
   Syntax error, insert ";" to complete a block statement
7. er: B  
   Car cannot be cast to Bike.
8. B
9. –
10. C
11. B,c
12. c
13. D, e (como o construtor default não existe o outro deve ser chamado explicitamente)
14. A
15. B
16. B (Split usa expressões regulares)
17. B (StringIndexOutOfBoundException)
18. B
19. A,d,f
20. A,e,f
21. B
22. C
23. B
24. C
25. A,c,f
26. A, E  
    Calling the System.gc() method suggests that the Java Virtual Machine expend effort toward recycling unused objects in order to make the memory they currently occupy available for quick reuse. When control returns from the method call, the Java Virtual Machine has made a best effort to reclaim space from all discarded objects.  
    The call System.gc() is effectively equivalent to the call: Runtime.getRuntime().gc()
27. A
28. B  
    public modifierвЂ”the field is accessible from all classes. See http://java.sun.com/docs/books/tutorial/java/javaOO/variables.html for more details.
29. A  
    There is no method book(int) in the class Hotel.
30. B  
    An ExceptionInInitializerError is thrown to indicate that an exception occurred during evaluation of a static initializer or the initializer for a static variable.
31. B
32. C
33. D  
    Unreachable catch block for NullPointerException. It is already handled by the catch block for Exception
34. E
35. C  
    The variable roomNr should be marked as private. See http://java.sun.com/docs/books/tutorial/java/concepts/object.html for more details.
36. A, B  
    The is-a relationship is expressed with inheritance and has-a relationship is expressed with composition.
37. C  
    The string "this.a = A + a;" will cause the NullPointerException because the variable A is not initialized properly.
38. A
39. D.  
    The function split() splits a string around matches of the given regular expression. But the fragment 'test.split("\s")' has an invalid escape sequence. It should be 'test.split("\\s")