DURGA ONLINE EXAMS

Test Your Knowledge

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51) **Given:**
   11. public class Rainbow {
   12. public enum MyColor {
   13. RED(0xff0000), GREEN(0x00ff00), BLUE(0x0000ff);
   14. private final int rgb;
   15. MyColor(int rgb) { this.rgb = rgb; }
   16. public int getRGB() { return rgb; }
   17. };
   18. public static void main(String[] args) {
   19. // insert code here
   20. }
   21. }
   Which code fragment, inserted at line 19, allows the Rainbow class to compile?

   1) **MyColor skyColor = BLUE;**

   2) **MyColor treeColor = MyColor.GREEN;**

   3) **if(RED.getRGB() < BLUE.getRGB()) { }**

   4) **Compilation fails due to other error(s) in the code.**

   5) **MyColor purple = new MyColor(0xff00ff);**

   6) **MyColor purple = MyColor.BLUE + MyColor.RED;**

   Your Selected options :: none   ❌

   Correct Options   :: 2

   Click Here for Explanation

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52) **Given:**
   12. public class Test {
   13. public enum Dogs {collie, harrier};
   14. public static void main(String [] args) {
   15. Dogs myDog = Dogs.collie;
   16. switch (myDog) {
   17. case collie:
   18. System.out.print("collie ");
   19. case harrier:
   20. System.out.print("harrier ");
   21. }
   22. }
   23. }
   What is the result?

   1) **collie**

   2) **harrier**

   3) **Compilation fails.**

   4) **collie harrier**

   5) **An exception is thrown at runtime.**

   Your Selected options :: none   ❌

   Correct Options   :: 4

   Click Here for Explanation

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53) **Given:**
   21. class Money {
   22. private String country = "Canada";
   23. public String getC() { return country; }
   24. }
   25. class Yen extends Money {
   26. public String getC() { return super.country; }
   27. }
   28. public class Euro extends Money {
   29. public String getC(int x) { return super.getC(); }
   30. public static void main(String[] args) {

31. System.out.print(new Yen().getC() + " " + new Euro().getC());
32. }
33. }
What is the result?

1) **Canada**

2) **null Canada**

3) **Canada null**

4) **Canada Canada**

5) **Compilation fails due to an error on line 26.**

6) **Compilation fails due to an error on line 29.**

     Your Selected options :: none ❌

     Correct Options   :: 5

```
Click Here for Explanation
```

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54)   **Given:**
1. package sun.scjp;
2. public enum Color { RED, GREEN, BLUE }
1. package sun.beta;
2. // insert code here
3. public class Beta {
4. Color g = GREEN;
5. public static void main(String[] argv)
6. { System.out.println(GREEN); }
7. }
The class Beta and the enum Color are in different packages.
Which two code fragments, inserted individually at line 2 of the Beta
declaration, will allow this code to compile? (Choose two.)

1) **import sun.scjp.Color.*;**

2) **import static sun.scjp.Color.*;**

3) **import sun.scjp.Color; import static sun.scjp.Color.*;**

4) **import sun.scjp.*; import static sun.scjp.Color.*;**

5) **import sun.scjp.Color; import static sun.scjp.Color.GREEN;**

     Your Selected options :: none ❌

     Correct Options   :: 3, 5

```
Click Here for Explanation
```

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55)   **Click the Exhibit button.**
```
    public class A
  {
    private int counter=0;
    public static int getInstanceCount()
    {
      return counter;
    }
    public A()
    {
      counter++;
    }
  }
```
Given this code from Class B:
25. A a1 = new A();
26. A a2 = new A();
27. A a3 = new A();
28. System.out.println(A.getInstanceCount());
What is the result?

1) **Compilation of class A fails.**

2) **Line 28 prints the value 3 to System.out.**

3) **Line 28 prints the value 1 to System.out.**

4) **A runtime error occurs when line 25 executes.**

5) **Compilation fails because of an error on line 28.**

     Your Selected options :: none ❌

     Correct Options   :: 1

```
Click Here for Explanation
```

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56) **Given:**
11. public class Test {
12. public static void main(String [] args) {
13. int x = 5;
14. boolean b1 = true;
15. boolean b2 = false;
16.
17. if ((x == 4) && !b2)
18. System.out.print("1 ");
19. System.out.print("2 ");
20. if ((b2 = true) && b1)
21. System.out.print("3 ");
22. }
23. }
What is the result?

   1) **2**

   2) **3**

   3) **1 2**

   4) **2 3**

   5) **1 2 3**

   6) **Compilation fails.**

   7) **An exception is thrown at runtime.**

        Your Selected options :: none ✖

        Correct Options   :: 4

          Click Here for Explanation

57) **Given:**
3. public class Batman {
4. int squares = 81;
5. public static void main(String[] args) {
6. new Batman().go();
7. }
8. void go() {
9. incr(++squares);
10. System.out.println(squares);
11. }
12. void incr(int squares) { squares += 10; }
13. }
What is the result?

   1) **81**

   2) **82**

   3) **91**

   4) **92**

   5) **Compilation fails.**

   6) **An exception is thrown at runtime.**

        Your Selected options :: none ✖

        Correct Options   :: 2

          Click Here for Explanation

58) **Given:**
1. class ClassA {
2. public int numberOfInstances;
3. protected ClassA(int numberOfInstances) {
4. this.numberOfInstances = numberOfInstances;
5. }
6. }
7. public class ExtendedA extends ClassA {
8. private ExtendedA(int numberOfInstances) {
9. super(numberOfInstances);
10. }
11. public static void main(String[] args) {
12. ExtendedA ext = new ExtendedA(420);
13. System.out.print(ext.numberOfInstances);
14. }
15. }
Which statement is true?

   1) **420 is the output.**

   2) **An exception is thrown at runtime.**

   3) **All constructors must be declared public.**

   4) **Constructors CANNOT use the private modifier.**

5) **Constructors CANNOT use the protected modifier.**

> **Your Selected options :: none** ✖
>
> **Correct Options :: 1**

[Click Here for Explanation]

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59) **Given:**
13. public class Pass {
14. public static void main(String [] args) {
15. int x = 5;
16. Pass p = new Pass();
17. p.doStuff(x);
18. System.out.print(" main x = " + x);
19. }
20.
21. void doStuff(int x) {
22. System.out.print(" doStuff x = " + x++);
23. }
24. }
What is the result?

1) **Compilation fails.**

2) **An exception is thrown at runtime.**

3) **doStuff x = 6 main x = 6**

4) **doStuff x = 5 main x = 5**

5) **doStuff x = 5 main x = 6**

6) **doStuff x = 6 main x = 5**

> **Your Selected options :: none** ✖
>
> **Correct Options :: 4**

[Click Here for Explanation]

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60) **Given:**
42. public class ClassA {
43. public int getValue() {
44.int value=0;
45. boolean setting = true;
46. String title=â€Helloâ€;
47. if (value || (setting && title == â€œHelloâ€)) { return 1; }
48. if (value == 1 & title.equals(â€Helloâ€)) { return 2; }
49. }
50. }
And:
70. ClassA a = new ClassA();
71. a.getValue();
What is the result?

1) **1**

2) **2**

3) **Compilation fails.**

4) **The code runs with no output.**

5) **An exception is thrown at runtime.**

> **Your Selected options :: none** ✖
>
> **Correct Options :: 3**

[Click Here for Explanation]

Total No.of Questions	::	292
Total No.of Answered Questions	::	0
Total No.of Unanswered Questions	::	292
Marks	::	0/292(0%)