

DURGA ONLINE EXAMS

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31) **Given:**

```

10. class Nav{
11.   public enum Direction { NORTH, SOUTH, EAST, WEST }
12. }
13. public class Sprite{
14.   // insert code here
15. }

```

Which code, inserted at line 14, allows the Sprite class to compile?

- 1) `Direction d = Direction.NORTH;`
- 2) `Nav.Direction d = NORTH;`
- 3) `Direction d = NORTH;`
- 4) `Nav.Direction d = Nav.Direction.NORTH;`

Your Selected options :: none ❌

Correct Options :: 4

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32) **class Test**

```

{
    static int a=10;
    static int b=20;
    static int s=30;
    public static void main(String[] s)
    {
        int a=50;
        System.out.println(a+"..." +b+"..." +s);
    }
}

```

- 1) **Run time error**
- 2) **none of these**
- 3) **50...20...30**
- 4) **compile time error**
- 5) **10...20...30**

Your Selected options :: none ❌

Correct Options :: 2

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33) **class Test {**

```

    public static void main(String[] args) {
        int[] i={65,66};
        byte[] by={65,66};
        boolean[] bo={true,false};
        char[] c={65,66};
        System.out.println(i);
        System.out.println(by);
        System.out.println(bo);
        System.out.println(c);
    }
}

```

- 1) `[I@hashcode [B@hashcode [Bo@hashcode [C@hashcode`
- 2) `65,66 65,66 true,false A,B`
- 3) `[I@hashcode [B@hashcode [Z@hashcode A,B`
- 4) `[I@hashcode [B@hashcode true,false [C@hashcode`

Your Selected options :: none ✖

Correct Options :: 3

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34) **class ForInitializationSection1 {**
public static void main(String[] args) {
double j,count=0;
for(double i=0,j=2;i<=j;i+=0.5)
count++;
System.out.println(count);
}
}

- 1) 5
- 2) 5.0
- 3) 5.000000000000000
- 4) compile time error

Your Selected options :: none ✖

Correct Options :: 4

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35) **Given:**
11. public class Ball{
12. public enum Color { RED, GREEN, BLUE };
13. public void foo(){
14. // insert code here
15. { System.out.println(c); }
16. }
17. }

Which code inserted at line 14 causes the foo method to print RED, GREEN, and BLUE?

- 1) for(Color c : Color.values())
- 2) for(Color c = RED; c <= BLUE; c++)
- 3) for(Color c ; c.hasNext() ; c.next())
- 4) for(Color c = Color[0]; c <= Color[2]; c++)
- 5) for(Color c = Color.RED; c <= Color.BLUE; c++)

Your Selected options :: none ✖

Correct Options :: 1

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36) **Given:**
11. class Cup { }
12. class PoisonCup extends Cup { }
...
21. public void takeCup(Cup c) {
22. if (c instanceof PoisonCup) {
23. System.out.println("Inconceivable!");
24. } else if (c instanceof Cup) {
25. System.out.println("Dizzying intellect!");
26. } else {
27. System.exit(0);
28. }
29. }
And the execution of the statements:
Cup cup = new PoisonCup();
takeCup(cup);
What is the output?

- 1) Inconceivable!
- 2) Dizzying intellect!
- 3) The code runs with no output.
- 4) An exception is thrown at runtime.
- 5) Compilation fails because of an error in line 22.

Your Selected options :: none ✖

Correct Options :: 1

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37) **Given:**

```

10. public class Fabric
11. public enum Color {
12. RED(0xff0000), GREEN(0x00ff00), BLUE(0x0000ff);
13. private final int rgb;
14. Color( int rgb) { this.rgb = rgb; }
15. public int getRGB() { return rgb; }
16. };
17. public static void main( String[] argv) {
18. // insert code here
19. }
20. }

```

Which two code fragments, inserted independently at line 18, allow the Fabric class to compile? (Choose two.)

- 1) `Color skyColor = BLUE;`
- 2) `Color treeColor = Color.GREEN;`
- 3) `Color purple = new Color(0xff00ff);`
- 4) `if(RED.getRGB() < BLUE.getRGB()) {}`
- 5) `Color purple = Color.BLUE + Color.RED;`
- 6) `if(Color.RED.ordinal() < Color.BLUE.ordinal()) {}`

Your Selected options :: none ❌

Correct Options :: 2, 6

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38) **Given:**

```

1. public class Target {
2. private int i = 0;
3. public int addOne(){
4. return ++i;
5. }
6. }
And:
1. public class Client {
2. public static void main(String[] args){
3. System.out.println(new Target().addOne());
4. }
5. }

```

Which change can you make to Target without affecting Client?

- 1) Line 4 of class Target can be changed to return i++;
- 2) Line 2 of class Target can be changed to private int i = 1;
- 3) Line 3 of class Target can be changed to private int addOne(){
- 4) Line 2 of class Target can be changed to private Integer i = 0;

Your Selected options :: none ❌

Correct Options :: 4

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39) Which two classes correctly implement both the `java.lang.Runnable` and the `java.lang.Cloneable` interfaces?

- 1) `public class Session implements Runnable, Cloneable { public void run(); public Object clone(); }`
- 2) `public class Session extends Runnable, Cloneable { public void run() { /* do something */ } public Object clone() { /* make a copy */ } }`
- 3) `public class Session implements Runnable, Cloneable { public void run() { /* do something */ } public Object clone() { /* make a copy */ } }`
- 4) `public abstract class Session implements Runnable, Cloneable { public void run() { /* do something */ } public Object clone() { /*make a copy */ } }`

5) `public class Session
implements Runnable, implements Cloneable {
public void run() { /* do something */ }
public Object clone() { /* make a copy */ }`

Your Selected options :: none ✖

Correct Options :: 3, 4

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40) **Given:**

1. `package test;`
2.
3. `class Target {`
4. `public String name = "hello";`
5. `}`

What can directly access and change the value of the variable name?

- 1) any class
- 2) only the Target class
- 3) any class in the test package
- 4) any class that extends Target

Your Selected options :: none ✖

Correct Options :: 3

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Total No.of Questions	:: 292
Total No.of Answered Questions	:: 0
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