

1. Choose the proper output?

```
class A
{
    public static void main(String[] args)
    {
        int i = 20;
        int n = 0, j, k = 20, m;
        j = i;
        j = i + 30;
        m = j + k + 20;
        System.out.print(m + "," + i + "," + "j" +
            "," + k + "," + n);
    }
}
```

A. 20,0,20,90
B. 90,20,20,20,0
C. 90,20,j,20,0
D. m,i,50,k,n

2. What is the result of this program?

```
class B
{
    public static void main(String[] args)
    {
        System.out.println();
        System.out.print();
    }
}
```

- A. compilation success no output
B. run time error
C. compile time error
D. just one new line added

3. Write the output for the following program?

```
class C
{
    static int test1()
    {
        System.out.println("from test1");
        return 100;
    }
    static
    {
        System.out.println("C-SIB_COUNT-1");
    }
    static int test2()
    {
        System.out.println("from test2");
        return test1();
    }
    static int i = test2();
    public static void main(String[]args)
    {
        test1();
        System.out.println("-----");
        System.out.println(test2());
        System.out.println("-----");
        System.out.println(test2()+test1());
        System.out.println("-----");
        test2();
    }
    static
    {
        System.out.println("C-SIB_COUNT-2");
    }
}
```

4. Determine the proper output?

```
class D
{
    static int i, ii;
    static int test()
    {
```

```
        ii = 0;
        return ii++ + ++i + --ii + i--;
    }
    public static void main(String[] args)
    {
        i = 40;
        System.out.println(test());
        System.out.println(i);
        System.out.println(ii);
    }
}
```

A. CTE

B. 0

40

0

C. 0

40

82

D. 82

40

0

5. Choose the result of this program?

```
class E
{
    static void test()
    {
        System.out.println("from test");
    }
    public static void main(String[] args)
    {
        System.out.println(test());
    }
}
```

A. run time error

B. from test

C. from test

from test

D. compile time error

6. Write down the proper output?

```
class Q
{
    Q()
    {
        this(10, 20, false);
        System.out.println("Q()");
    }
    Q(int i, int j)
    {
        this();
        System.out.println("Q(int, int)");
    }
    Q(int i, int j, boolean k)
    {
        System.out.println("Q(int, int)");
    }
    public static void main(String[] args)
    {
        Q q1 = new Q();
        System.out.println("-----");
        Q q2 = new Q(1,2);
        System.out.println("-----");
    }
}
```

7. Choose the proper output?

```
class G
{
    public static void main(String[] args)
    {
        int i = 11;
        do
        {
            System.out.println("body:" + i);
            i++;
        }
        while (i < 10);
        System.out.println("main:" + i);
    }
}
```

```
}  
A. body:11  
   main:12  
B. main:12  
   body:11  
C. CTE  
D. infite loop
```

8. Write down the output?

```
class H  
{  
    public static void main(String[] args)  
    {  
        int i = 10;  
        switch(i)  
        {  
            case 5:  
                System.out.println("from 5");  
            default:  
                System.out.println("from default");  
            case 3:  
                System.out.println("from 3");  
            case 20:  
                System.out.println("from 20");  
                break;  
        }  
        System.out.println("main end");  
    }  
}
```

9. Write down the output?

```
class I  
{  
    I(int i)  
    {  
        System.out.println("I(int)");  
    }  
}  
class J extends I  
{  
    J(int i)
```

```
        {
            super(i);
            System.out.println("J(int)");
        }
        J()
        {
            super(10);
            System.out.println("J()");
        }
        public static void main(String[]args)
        {
            I c1 = new I(10);
            System.out.println("-----");
            J d1 = new J(20);
            System.out.println("-----");
            J d2 = new J();
            System.out.println("-----");
        }
    }
```

10. How many classes a class can extend?

11. List out all the datatypes in java?

12. What is encapsulation?

A. Hiding the data

B. Wrapping up data and code together

C. both A and B

D. performing same thing in different ways

13. Choose the proper output?

```
class K
{
    K()
    {
        System.out.println("K()");
    }
}
```

```

        {
            System.out.println("IIB1");
        }
        {
            System.out.println("IIB2");
        }
        public static void main(String[] args)
        {
            K k1 = new K();
            System.out.println("-----");
            K k2 = new K();
            System.out.println("-----");
        }
    }

```

A.	B.	C.	D.
IIB1	K()	IIB2	K()
IIB2	-----	IIB1	IIB1
K()	IIB1	K()	IIB2
-----	IIB2	-----	IIB1
IIB1	IIB1	IIB2	IIB2
IIB2	IIB2	IIB1	K()
K()	K()	K()	IIB1
-----	-----	-----	-----

14. Choose the output?

```

class L
{
    L()

```

```
    {  
        System.out.println("L()");  
    }  
    public static void main(String[] args)  
    {  
        L obj = new L(20);  
        System.out.println("done");  
    }  
}
```

A. CTE

B. RTE

C. Compilation success but no output

D. I dont know

15. List out the access specifiers or modifiers in java?

16. Write down the output?

```
class M
```

```
{  
    static int i;  
    static void test1()  
    {  
        System.out.println("E-test1()");  
    }  
}
```

```
class N extends M
```

```
{  
    static int j;  
    static void test2()  
    {
```



```
        System.out.println("F-test2()");
    }
    public static void main(String[] args)
    {
        System.out.println(M.i);
        System.out.println(M.j);
        M.test1();
        F.test2();
    }
}
```

17. Choose the output?

```
class J
{
    J()
    {
        System.out.println("J()");
    }
}
class K extends J
{
    K()
    {
        System.out.println("K()");
        super();
    }
    public static void main(String[] args)
    {
```

```
        System.out.println("done");
    }
}
```

- A. RTE
- B. CTE
- C. J()
K()
done
- D. K()
J()
done

18. Choose the proper output?

```
class Q
{
    Q()
    {
        System.out.println("Q()");
    }
}

class R extends Q
{
    R()
    {
        super();
        this();
        System.out.println("R()");
    }

    public static void main(String[]args)
    {
```

```
        System.out.println("done");
    }
}
```

- A. Q()
R()
done
- B. done
- C. CTE
- D. RTE

19. Write down the result?

```
package pack1;

class B
{
    private int i;
}

class C
{
    public static void main(String[]args)
    {
        B b1 = new B();
        System.out.println(b1.i);
    }
}
```

20. Write down the result?

```
package pack1;

class O
{
    private O()
    {
```

```
        System.out.println("O()");
    }
}
class P
{
    public static void main(String[]args)
    {
        O o1 = new O();
        System.out.println("done");
    }
}
```

21. Choose the output?

```
package pack1;
class U
{
    private
    {
    }
    private static
    {
    }
}
```

- A. CTE
- B. RTE
- C. Compilation success no output

22. Write down the output?

```
class Parent
{
```

```
    void show()
    {
        System.out.println("Parent's show()");
    }
}
class Child extends Parent
{
    void show()
    {
        System.out.println("Child's show()");
    }
}
class Main
{
    public static void main(String[] args)
    {
        Parent obj1 = new Child();
        obj1.show();
    }
}
```

23. Write down the output?

```
class A
{
    public static void display()
    {
        System.out.println("static method of A class");
    }
}
```

```
}

class B extends A
{
    public static void display()
    {
        System.out.println("static method of B class");
    }
}
```

```
class Test
{
    public static void main(String[] args)
    {
        A a = new B();
        a.display();
    }
}
```

24. Java is platform independent but JVM is platform dependent. True or False?

25. Can i have more than one public class in the same java file?. Yes or No?