

Question - 1

What is the output for the below code ?

```
1. public class A {  
2.     int add(int i, int j){  
3.         return i+j;  
4.     }  
5. }  
6. public class B extends A{  
7.     public static void main(String argv[]){  
8.         short s = 9;  
9.         System.out.println(add(s,6));  
10.    }  
11. }
```

Question - 2

What is the output for the below code ?

```
public class A {  
    int k;  
    boolean istrue;  
    static int p;  
    public void printValue() {  
        System.out.print(k);  
        System.out.print(istrue);  
        System.out.print(p);  
    }  
}  
public class Test{  
    public static void main(String argv[]){  
        A a = new A();  
        a.printValue();  
    }  
}
```

Question – 3

What is the output for the below code ?

```
public class Test{
    int _$;
    int $7;
    int do;
    public static void main(String argv[]){
        Test test = new Test();

        test.$7=7;
        test.do=9;
        System.out.print(test.$7);
        System.out.print(test.do);
        System.out.print(test._$);
    }
}
```

Question - 4

What is the output for the below code ?

```
package com;
class Animal {
    public void printName(){
        System.out.println("Animal");
    }
}

package exam;
import com.Animal;
public class Cat extends Animal {
    public void printName(){
        System.out.println("Cat");
    }
}
```

```
package exam;
import com.Animal;
public class Test {
    public static void main(String[] args){
        Animal a = new Cat();
        a.printName();
    }
}
```

Question – 5

What is the output for the below code ?

```
public class A {
    int i = 10;
    public void printValue() {
        System.out.println("Value-A");
    };
}
```

```
public class B extends A{
    int i = 12;
    public void printValue() {
        System.out.print("Value-B");
    }
}
```

```
public class Test{
    public static void main(String argv[]){ A
        a = new B();
        a.printValue();
        System.out.println(a.i);
    }
}
```

Question - 6

What is the output for the below code ?

```
public enum Test {
    BREAKFAST(7, 30), LUNCH(12, 15), DINNER(19, 45);
    private int hh;
    private int mm;
    Test(int hh, int mm) {
        assert (hh >= 0 && hh <= 23) : "Illegal hour.";
        assert (mm >= 0 && mm <= 59) : "Illegal mins.";
        this.hh = hh;
        this.mm = mm;
    }
    public int getHour() {
        return hh;
    }
    public int getMins() {
        return mm;
    }
    .....
    public static void main(String args[]){
        Test t = new BREAKFAST;
        System.out.println(t.getHour() + ":" + t.getMins());
    }
}
```

Question - 7

What is the output for the below code ?

```
public class A {
    static{System.out.println("static");}
    { System.out.println("block");}
    public A(){
        System.out.println("A");
    }

    public static void main(String[] args){
        A a = new A();
    }
}
```

Question - 8

What is the output for the below code ?

```
1. public class Test {  
2.     public static void main(String[] args){  
3.         int i = 010;  
4.         int j = 07;  
5.         System.out.println(i);  
6.         System.out.println(j);  
7.     }  
8. }
```

Question - 9

What is the output for the below code ?

```
1. public class Test {  
2.     public static void main(String[] args){  
3.         byte b = 6;  
4.         b+=8;  
5.         System.out.println(b);  
6.         b = b+7;  
7.         System.out.println(b);  
8.     }  
9. }
```

Question - 10

What is the output for the below code ?

```
public class Test {  
    public static void main(String[] args){  
        String value = "abc";  
        changeValue(value);  
        System.out.println(value);  
    }  
  
    public static void changeValue(String a){  
  
        a = "xyz";  
    }  
  
}
```

Question - 11

What is the output for the below code ?

```
public class Test {  
    public static void printValue(int i, int j, int k){  
        System.out.println("int");  
    }  
    public static void printValue(byte...b){  
        System.out.println("long");  
    }  
    public static void main(String... args) {  
        byte b = 9;  
        printValue(b,b,b);  
    }  
}
```

Question - 12

Apa output code berikut:

```
public class Test {  
    public static void main(String[] args) {  
        String[] words = new String[] {"aaa", "bbb", "ccc", "aaa"};  
        Map<String, Integer> m = new TreeMap<String, Integer>();  
        for (String word : words) {  
            freq = m.get(word);  
            m.put(word, freq == null ? 1 : freq + 1);  
        }  
        System.out.println(m);  
    }  
}
```

Question - 14

You have two class files name Test.class and Test1.class inside javaproject directory.

Test.java source code is :

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

Test1.java source code is :

```
public class Test1{  
    public static void main (String[] args){  
        System.out.println("Hello Test1");  
    }  
}
```

you have issued below commands from command prompt.

```
cd javaproject  
java Test Test1
```

What is the output ?

Question - 16

What will be the result of compiling the following code:

```
public class SuperClass {
    public int doIt(String str, Integer... data)throws Exception{
        String signature = "(String, Integer[])";
        System.out.println(str + " " + signature);

        return 1;
    }
}

public class SubClass extends SuperClass{
    public int doIt(String str, Integer... data)
    {
        String signature = "(String, Integer[])";
        System.out.println("Overridden: " + str + " " + signature);
        return 0;
    }
    public static void main(String... args)
    {
        SuperClass sb = new SubClass();
        sb.doIt("hello", 3);
    }
}
```

Question - 17

What happens when the following code is compiled and run.
Select the one correct answer.

```
for(int i = 2; i < 4; i++)
    for(int j = 2; j < 4; j++)
        if(i < j)
            assert i!=j : i;
```