Pregunta 1

Which statement is/are true?

I. Default constructor only contains "super();" call.

II. Only constructor with no parameters in the superclass can be called from subclass.

III. super o this call must be the first statement in all constructors.

    A. Only I.

    B. Only II.

    C. Only I and II.

    D. Only I and III.

    E. All

Pregunta 2

Given the following:

```
class ClaseOne{

    public ClaseOne (int n){

        System.out.println("Second constructor");

     }

}

public class ClaseTwo extends ClaseOne{

    public ClaseTwo(){

        System.out.println("constructor one from object");

    }

    public ClaseTwo (int p){

        System.out.println("constructor one from object");

    }


}
```

And the following main method:

```
ClaseTwo cd = new ClaseTwo(10);
```

Which is the result?

A. constructor one from object

Second constructor

B. Second constructor

constructor two from object

C. constructor two from object

D. Compilations fails

Given the following:

```java
class Data1 {
        int x;
        Data1(){
                this(100);   //line 1
        }
        Data1(int n){
                this.x=n;
        }
}
class Data2 extends Data1{
        int y;
        Data2(){
                super();
                this(5);   //line 2
        }
        Data2(int n){
                Data1(); //line 3
                this.y=n;
        }
        public String toString(){
                return super.x+":"+this.y;
        }
}
```

And given the following fragment:

```java
Data2 dt=new Data2();
```

System.out.println(dt);

What is the result?

A.100:5

B.0:5

C.Compilation fails at line 1

D.Compilation fails at line 2

E.Compilation fails at line 2 and line 3

Pregunta 4

Given the following:

```java
class Data1 {

        private int x;

        Data1(int x){

                this.x=x;

        }

}

class Data2 extends Data1{

        int y;

        Data2(int x, int y){

                //line 1

        }


}
```

And given the following fragment:

```java
Data2 dt=new Data2(2,7);
```

Which code fragment should you use at line 1 to instantiate the dt object successfully?

A. super.x=x

   this.y=y;

B. super(x);

   this(y);

C. super(x);

   this.y=y;

D. this.x=x;

   super(y);

Pregunta 5

Given:

```
public class Test {

        void myMethod(){}

}

class Exam extends Test{

        _____ void myMethod(){}

}
```

Which two of the following can fill in the blank in this code to make it compile?

A. abstract

B. int

C. private

D. protected

E. public