

### 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**

### Pregunta 3

Given the following:

```
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:

```
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:

```
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:

```
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