Preguntas tipo de examen

Pregunta 1

What is true about the records? (choose three):

A. Can extends a class

B. Can implements an interface

C. Can define specific instance variables

D. Can extends another Record

E. Can define specific constructors

F. Are implicitly final

Pregunta 2

Given:

```
record MyClass(int id, String name){

   int rate;

   public int getRate(){

     return rate;

   }

}

public  class TestClass{

   public static void main(String[] args) {

     MyClass mc = new MyClass(1000, "Java");

     System.out.println(mc);

   }

}
```

Which change will enable the code to compile?

    A. Replace record with void.
    B. Replace record with class.
    C. Make the rate variable private.
    D. Make the rate variable static.
    E. Intinialize rate variable with 0.

Pregunta 3

Given:

```
record Course(String name, int duration){

   //line 1

}
```

What can be valid in line 1? (choose 2)

A. Course{duration*10;}
B. int task=duration+1;
C. this.duration++;
D. Course(int plus){this.duration+=plus;}
E. Course(){this("Java",100);}

Pregunta 4

Given:

```java
enum Option{

    ONE(1), TWO(2), THREE(3);

    int r;

    Option(int r){

            this.r=r;

    }

}
record Process(Option... ops){}
```

And the following code:

```java
Process p1=new Process(Option.ONE);

Process p2=new Process(Option.TWO);

System.out.print(p1==p2);

System.out.print(p1.ops()[0]);

System.out.print(p2.ops()[0]);
```

What is the result?

A. true12

B. falseONETWO

C. false12

D. trueONETWO

E. Compilation error