Pregunta 1

Given:

```
System.out.println("6+3="+2+7);

System.out.println("6+3="+(2+7));
```

What is the result?

A. 6+3=27

6+3=27

B. 6+3=2+7

6+3=9

C. 9=9

9=9

D. 6+3=27

6+3=9

Pregunta 2

Given the following:

```
1. public class Test {
2.   static int i;
3.   public static void main (String []args) {
4.       int a = 2, b = i+1;
5.       if ((a++>++b) && (++a>5)) {
6.               a +=b;
7.       }
8.   }
9. }
```

What is the final value of a?

A. 1

B. 2

C. 3

D. 4

E. 5

Pregunta 3

Given the code fragment:

```java
StringBuilder sb1=new StringBuilder("hello");

String str1=sb1.toString();

//insert code here

System.out.println(str1==str2);
```

Which code fragment, when inserted at "insert code here", enables the code to print true?

    A.String str2 = str1;

    B.String str2 = new String (str1);

    C.String str2 = sb1. toString ();

    D.String str2 = "hello";

Pregunta 4

Given the following:

```
class Test{

        public static void main(String args[]){

                String arg="hello";

                change(arg);

                System.out.println(arg);

        }

        static void change(String s){

                s=s+" bye";

        }

}
```

What is the result?

A. hello

B. hello bye

C. compilations fails

D. exception

Pregunta 5

Given the code fragment

```java
public class Test{

    public static void main(String[] args){

        StringBuilder sb=new StringBuilder(5);

        String s="";

        if(sb.equals(s)){

            System.out.println("option A");

        } else if(sb.toString().equals(s.toString())){

            System.out.println("option B");

        }else{

            System.out.println("option C");

        }

    }

}
```

What is the result?

A. option A

B. option B

C. option C

D. NullPointerException is thrown at runtime

Pregunta 6

Which of the following statements are true? (choose 2)

A. System.out.println(1 + 2 + "3"); will print 33.
B. System.out.println("1" + 2 + 3); will print 15.
C. System.out.println(4 + 1.0f); will print 5.0
D. System.out.println(5/4); will print 1.25
E. System.out.println('a' + 1); will print b.