

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:

```
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

```
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.