What value is printed for the loop variable when the code shown below runs?

```java
int loop = 0;
while (loop >= 8) {
    loop++;
    System.out.println(loop);
}
```

A. 0  
B. 8  
C. 9  
D. 10  
E. Will not compile!

Question 1

How many times will the body of the 'while' loop execute?

```java
byte loop = -1;
while (loop < 1) {
    loop++;
}
```

A. 0 times  
B. 1 time  
C. 2 times  
D. 128 times  
E. Infinite loop!

Question 2

How many times will the body of the 'do while' loop execute?

```java
byte loop = 1;
do {
    loop++;
} while (loop < 1);
```

A. 0 times  
B. 1 time  
C. 2 times  
D. 128 times  
E. Infinite loop!

Question 3
How many times will the body of the 'do while' loop execute?

```java
byte loop = 1;
do {
    loop++;
} while (loop < 1);
```

A. 0 times  
B. 1 time  
C. 2 times  
D. 128 times  
E. Infinite loop!

**Question 6**

How many times does the 'for' loop shown below execute?

```java
for (int i = -5; i <= 30; i += 5) {
    // Do something useful
}
```

A. 7 times  
B. 8 times  
C. 9 times  
D. Will not compile!

**Question 7**

How many times does the 'for' loop shown below execute?

```java
for (int i = -5; i <= 30; i += 5) {
    // Do something useful
}
```

A. 7 times  
B. 8 times  
C. 9 times  
D. Will not compile!

**Question 8**

What does the following code print for the final value of the loop variable?

```java
char c;
for (c = 'A'; c <= 'S'; c++){
    System.out.println("c is " + c);
}
```

A. c is R  
B. c is S  
C. c is T  
D. Will not compile!

**Question 9**

What does the following code print for the final value of the loop variable?

```java
char c;
for (c = 'A'; c <= 'S'; c++){
    System.out.println("c is " + c);
}
```

A. c is R  
B. c is S  
C. c is T  
D. Will not compile!
What does the following code print for the final value of the loop variable?

```java
for (char c = 'A'; c <= 'S'; c++) {
    System.out.println("c is " + c);
}
```

A. c is R  
B. c is S  
C. c is T  
D. Will not compile!

**Question 12**

What does the following code print for the final value of the loop variable?

```java
for (char c = 'A'; c <= 'S'; c++) {
    System.out.println("c is " + c);
}
```

A. c is R  
B. c is S  
C. c is T  
D. Will not compile!

**Question 13**

How many pairs of numbers does the complex loop shown below print?

```java
for (int left = 0, right = 9; left <= right; left++, right--) {
    System.out.println(left + ", " + right);
}
```

A. 0 times  
B. 5 times  
C. 10 times  
D. 100 times  
E. None of the above

**Question 14**

How many pairs of numbers does the complex loop shown below print?

```java
for (int left = 0, right = 9; left <= right; left++, right--) {
    System.out.println(left + ", " + right);
}
```

A. 0 times  
B. 5 times  
C. 10 times  
D. 100 times  
E. None of the above

**Question 15**