Conditional Operator MCQs:

1. What is the output of the program:

```
public class Test {
    public static void main(String[] args) {
        int x = 10;
        int y = 5;
        int z = (x > y) ? (x < 15 ? x : y) : (x > 5 ? y : x);

        System.out.println(z);
    }
}
```

===

a) 10
b) 5
c) 15
d) None

2. What is the output of the program:

```java
public class MyClass {
    public static void main(String[] args) {
        int x = 10;
        System.out.println(x > 10 ? "A" : (x < 10 ? "B" : "C"));
    }
}
```

a) A

b) B

c) C

d) Compilation Error

3. What is output of the code snippet:

```java
int x = 10;
int y = 5;
int z = 7;
int result = (x < y) ? (y < z) ? z : y : x;
System.out.println(result);
```

a) 10

b) 5

c) 7

d) Compilation error

4. What will be the output:

```java
int a = 5;
int b = 10;
int c = (a > b) ? b++ : (a < b) ? --b : b;
System.out.println(c);
```

a) 5
b) 6
c) 10
d) 9

5. What is the output of the program:

```java
int value = 10;
int result = (value > 5) ? value < 8 ? 1 : 2 : 3;
```

What will be the value of `result`?

a) 1
b) 2
c) 3
d) Compilation error

6. What is the output of the program:

```java
int x = 5;
int y = 7;
int z = 3;
int result = (x > y) ? (y > z) ? x : y : (x > z) ? x : z;
System.out.println(result);
```

a) 5

b) 7

c) 3

d) Compilation error