

### MCQ3

Green option is correct

Q1:

What will the output of the following piece of code be

```
int x = 0, y = 0, z = 0 ;  
x = (++x + y-- ) * z++;  
System.out.println(x);
```

- -2
- -1
- 0
- 1

Q2:

What will the output of the following piece of code be

```
int ++a = 100 ;  
System.out.println( ++a ) ;
```

- 100
- 101
- 102
- Error

Q3:

What will the output of the following piece of code be

```
if(1 + 1 + 1 + 1 + 1 = 5){  
    System.out.print("TRUE");  
}  
else{  
    System.out.print("FALSE");  
}
```

- TRUE
- FALSE
- Error

Q4:

What will the output of the following piece of code be

```
String s1 = "This is a string";  
String s2 = "This is a ";  
if(s1 == s2+"string"){  
    System.out.print("TRUE");  
}  
else{  
    System.out.print("FALSE");  
}
```

- TRUE

- FALSE
- Error

Q5:

What will the output of the following piece of code be

```
String s1 = "This is a string";
String s2 = "This is a";
if(s1.equals(s2+"string")){
    System.out.print("TRUE");
}
else{
    System.out.print("FALSE");
}
```

- TRUE
- FALSE
- Error

Q6:

Which of these selection statements test only for equality?

- If
- Switch
- If and Switch
- None

Q7:

What will the output of the following piece of code be

```
double var1 = 1 + 5;
double var2 = var1 / 4;
int var3 = 1 + 5;
int var4 = var3 / 4;
System.out.print(var2 + " " + var4);
```

- 1 1
- 0 1
- 1.5 1
- 1.5 1.0

Q8:

Which of these have highest precedence in order of operations?

- >>
- -- var
- ()
- \*

Q9:

Which one of these will give better performance

1. `a | 4 + c >> b & 7;`
2. `(a | ((( 4 + c ) >> b ) & 7 ));`

- They will be the same
- 2 will be better as it has parenthesis
- 1 will be better as it has no parenthesis
- Depends on the computer

Q10:

What will the output of the following piece of code be

```
int score = 30;
String result = score >= 100 ? "New record" : score > 50 && score < 100 ? "Highscore" : score > 20 ? "Try
again" : "Practice some more";
System.out.println(result);
```

- New record
- Highscore
- Try again
- Practice some more

Q11:

What will the output of the following piece of code be

```
int x = 11;
switch (x) {
    case 1 :
        System.out.print("1");
    case 11 :
        System.out.print("2");
    case 111 :
        System.out.print("3");
    case 1111 :
        System.out.print("4");
    default :
        System.out.print("!");
}
```

- 234!
- 2
- 1
- 234

Q12:

Which of the following is used with switch statement?

- exit
- continue

- break
- do