MCQ’s – Operators

**1. Which of the following is the correct symbol for the bitwise AND operator in Java?**

A) &&  
**B) &**C) |  
D) !

**2. What will be the value of a after the following code?**

int a = 10;

a += 5;

A) 5  
B) 10  
**C) 15**D) Compilation Error

**3. Which operator is used to compare two values for equality in Java?**

A) =  
**B) ==**C) !=  
D) equals()

**4. What does the ++ operator do in Java?**

A) Decrements a value  
B) Multiplies a value by 2  
**C) Increments a value**D) Divides a value by 2

**5. Which of these is a logical OR operator in Java?**

A) &  
B) |  
**C) ||**D) ^

**6. Which of the following is not a unary operator in Java?**

A) +  
B) -  
C) ++  
D) \*

**7. What is the result of 10 % 3 in Java?**

A) 3  
B) 1  
C) 0  
D) 10

**8. Which operator is used to perform a conditional operation?**

A) ?:  
B) ==  
C) =  
D) !

**9. What will be the output of:**

int a = 5;

int b = 10;

System.out.println(a > b ? a : b);

A) 5  
B) 10  
C) true  
D) false

**10. Which operator is used to perform bitwise OR in Java?**

A) |  
B) ||  
C) &  
D) ^

**11. What will System.out.println(4 >> 1); print?**

A) 2  
B) 4  
C) 8  
D) 1

**12. Which operator has the highest precedence in Java?**

A) +  
B) \*  
C) ++  
**D) ()**

**13. Which of the following is a compound assignment operator?**

A) ==  
B) =  
C) +=  
D) +

**14. The instanceof operator in Java is used to:**

A) Compare two values  
B) Check if a value is null  
C) Check object type  
D) None of the above

**15. What does the ^ operator do in Java?**

A) Logical AND  
B) Logical OR  
C) Logical NOT  
D) Bitwise XOR