

# JavaScript Unary Operators - MCQ Assignment

## Section 1: Pre-Increment (++)

Q1. What will be the output?

```
let a = 3;  
let b = ++a;  
console.log(b);
```

- A) 3
- B) 4
- C) undefined
- D) Error

Q2. What is printed by this code?

```
let x = 5;  
console.log(++x + ++x);
```

- A) 10
- B) 11
- C) 12
- D) 13

Q3. Which line modifies the variable before using it?

```
let y = 2;  
console.log(++y);
```

- A) Increments before use
- B) Increments after use
- C) Doesnt increment
- D) Throws Error

Q4. What will be the result?

```
let x = 1;  
let result = ++x + ++x;  
console.log(result);
```

- A) 4
- B) 5
- C) 3
- D) 6

Q5. Which operator increases value immediately?

- A) x++
- B) ++x
- C) x--
- D) --x

## Section 2: Post-Increment (x++)

Q6. What is the output?

```
let a = 10;  
console.log(a++);
```

- A) 11
- B) 10
- C) Error
- D) undefined

Q7. What will be printed?

```
let num = 5;  
let result = num++ + num++;  
console.log(result);
```

- A) 10
- B) 11
- C) 12
- D) 13

Q8. Which is true about post-increment?

- A) Value is changed before use
- B) Value is changed after use
- C) It throws error
- D) Doesnt change the value

Q9. What is the final value of `a`?

```
let a = 3;  
a++;  
a++;  
console.log(a);
```

- A) 4
- B) 5
- C) 6
- D) 3

Q10. Which operation returns the old value before increasing?

- A) ++x
- B) x++
- C) --x
- D) All of the above

## Section 3: Pre-Decrement (--x)

Q11. What is printed here?

```
let z = 10;
```

```
console.log(--z);
```

- A) 10
- B) 9
- C) 8
- D) Error

Q12. Result of the following?

```
let a = 4;  
let b = --a + --a;  
console.log(b);
```

- A) 6
- B) 5
- C) 7
- D) 4

Q13. Which line executes first?

```
let x = 7;  
let y = --x;
```

- A) x is used, then decreased
- B) x is decreased, then used
- C) No change
- D) SyntaxError

Q14. Final value of `count`?

```
let count = 5;  
--count;  
--count;  
console.log(count);
```

- A) 4
- B) 5
- C) 3
- D) 6

Q15. Which operator decrements before use?

- A) x--
- B) --x
- C) x++
- D) ++x

#### **Section 4: Post-Decrement (x--)**

Q16. What is the output?

```
let b = 10;  
console.log(b--);
```

- A) 10

- B) 9
- C) 8
- D) Error

Q17. Final value of `x`?

```
let x = 3;  
x--;  
x--;  
console.log(x);
```

- A) 1
- B) 2
- C) 0
- D) 3

Q18. When is value changed in post-decrement?

- A) Before use
- B) After use
- C) Never
- D) Causes error

Q19. Which statement is true about `x--`?

- A) It increments x
- B) It decrements and returns new value
- C) It decrements and returns old value
- D) It multiplies x by -1

Q20. What is the output of the following?

```
let val = 4;  
let result = val-- + val--;  
console.log(result);
```

- A) 8
- B) 7
- C) 6
- D) 5