

1. What will be the output?

```
int a = 5;  
printf("%d", a++);
```

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

 **Answer:** B

2. What is the result of the expression?

```
int x = 10, y = 5;  
printf("%d", x > y ? x : y);
```

- A) 5
- B) 10
- C) 1
- D) 0

 **Answer:** B

3. Which operator has the **highest precedence** in C?

- A) *
- B) ++
- C) =
- D) &&

 **Answer:** B

4. What will be printed?

```
int a = 5, b = 2;  
  
printf("%d", a / b);
```

- A) 2.5
- B) 2
- C) 3
- D) Error

 **Answer:** B

5. Which operator is used for bitwise AND?

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

 **Answer:** B

6. What is the output?

```
int x = 4;  
  
printf("%d", x << 1);
```

- A) 2
- B) 4
- C) 8
- D) 16

 **Answer:** C

7. What will be the output?

```
int a = 5;  
  
printf("%d", ++a);
```

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

 **Answer:** C

8. What is the value of x?

```
int x = 5;  
  
x += 3;
```

- A) 3
- B) 5

- C) 8
- D) Error

 **Answer:** C

9. Which operator is known as the conditional operator?

- A) :
- B) ? :
- C) if
- D) &&

 **Answer:** B

10. What is the output?

```
int a = 0;  
printf("%d", !a);
```

- A) 0
- B) 1
- C) True
- D) False

 **Answer:** B

11. What does the expression a & b perform?

- A) Logical AND
- B) Bitwise AND
- C) OR operation
- D) XOR operation

 **Answer:** B

12. Which operator is used to get the address of a variable?

- A) *
- B) &

- C) %
- D) #

 **Answer:** B

13. What is the output?

```
int x = 10;
```

```
printf("%d", x--);
```

- A) 9
- B) 10
- C) 11
- D) Error

 **Answer:** B

14. What is the output?

```
c
```

```
printf("%d", 5 > 2 && 3 > 1);
```

- A) 0
- B) 1
- C) True
- D) False

 **Answer:** B

15. Which operator is used for modulus operation?

- A) /
- B) %
- C) *
- D) //

 **Answer:** B

16. What will be printed?

```
int a = 3;
```

```
int b = a++ + ++a;
```

```
printf("%d", b);
```

- A) 7
- B) 8
- C) 9
- D) Undefined

 **Answer:** D (Undefined behavior)

17. Which of the following is a unary operator?

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

 **Answer:** C

18. What is the output?

```
int a = 5;
```

```
printf("%d", a & 1);
```

- A) 0
- B) 1
- C) 5
- D) Error

 **Answer:** B

19. What will be the result?

c

```
printf("%d", 10 == 10);
```

- A) 0
- B) 1

- C) True
- D) Error

 **Answer:** B

20. Which operator is used to dereference a pointer?

- A) &
- B) *
- C) %
- D) ->

 **Answer:** B