

1. what is the output of $x=5; y=x++$?

- a) $x=5, y=5$
- b) $x=6, y=5$
- c) $x=5, y=6$
- d) $x=6, y=6$

2. what is the value of a after $a=10; a++$?

- a) 10
- b) 11
- c) 12
- d) Error

3. which operator increments the value and returns the new value?

- a) Post-increment ($x++$)
- b) Pre-increment ($++x$)
- c) Both
- d) None

4. what is the output of $x=5; y=++x$?

- a) $x=5, y=5$
- b) $x=6, y=5$
- c) $x=5, y=6$
- d) $x=6, y=6$

5. which of the following is a decrement operator?

- a) $x++$
- b) $++x$
- c) $x--$
- d) $+x$

6. what is the value of a after $a=10; --a$?

- a) 9
- b) 10
- c) 11
- d) Error

7) what is the output of $x=5; y=x--$?

- a) $x=5, y=5$
- b) $x=4, y=5$
- c) $x=5, y=4$
- d) $x=4, y=4$

8) which operator decrements the value and returning the new value?

- a) Post-decrement ($x--$)
- b) Pre-decrement ($--x$)
- c) Both
- d) None

9) what is the output of $x=5; y=-x$?

- a) $x=5, y=5$
- b) $x=4, y=5$
- c) $x=5, y=4$
- d) $x=4, y=4$

10) what is the value of a after $a=10; a--$?

- a) 9
- b) 10
- c) 11
- d) error

11) which of the following is an example of Post-increment?

- a) $++x$
- b) $x++$
- c) $--x$
- d) $x--$

12) what is the output of $x=5; \text{printf}("%d", x++);$?

- a) 5
- b) 6
- c) error
- d) None

13. what is the output of $x=5; \text{printf}("%d", ++x);$?

- a) 5
- ~~b) 6~~
- c) Error
- d) None

14. which operator has higher precedence, Post-increment or Pre-increment?

- a) Post-increment
- b) Pre-increment
- ~~c) Both have same precedence~~
- d) None

15. what is the value of a after $a=10; +a;$?

- ~~a) 10~~
- ~~b) 11~~
- c) 12
- d) Error

16. what is the output of $x=5; y=x++ + 1;$?

- a) $x=5, y=5$
- ~~b) $x=6, y=6$~~
- c) $x=6, y=7$
- d) $x=5, y=6$

17. what is the output of $x=5; y=++x + 1;$?

- a) $x=5, y=6$
- b) $x=6, y=6$
- ~~c) $x=6, y=7$~~
- d) $x=5, y=7$

18. which of the following is an example of Pre-decrement?

- a) $x--$
- ~~b) $--x$~~
- c) $x++$
- d) $++x$

19. what is the output of $x=5; \text{printf}(" \%d", x--);$?

- a) 5
- b) 4
- c) error
- d) None

20. what is the output of $x=5; \text{printf}(" \%d", -x);$?

- a) 5
- b) 4
- c) error
- d) None

```
#include<stdio.h>
int main() {
    int num1, num2, num3;
    printf("Enter three numbers:");
    scanf("%d %d %d", &num1, &num2, &num3);
    if (num1 >= num2) {
        if (num1 >= num3) {
            printf("%d is the maximum number.", num1);
        } else {
            printf("%d is the maximum number.", num3);
        }
    } else {
        if (num2 >= num3) {
            printf("%d is the maximum number.", num2);
        } else {
            printf("%d is the maximum number.", num3);
        }
    }
    return 0;
}
```