

1) prepare 20 Qs in/be operators

2) program define maxima b/w three numbers using nested if.

3) what is the value of x after executing: int x=5; x++ ; ?  
A) 4      B) 5      C) 6      D) 7

4) what is the output of: int x=10; printf("%d", ++x); ?  
A) 9      B) 10      C) 11      D) 12

5) what is the output of: int x=10; (%d, x++);  
A) 9      B) 10      C) 11      D) 12

6) which operator has higher precedence?  
A) ++      B) --      C) \*      D) +

7) what is the result of: int a=5, int b=-a;  
A). a=4      B). a=5      C). a=4      D). a=6  
b=4      b=4      b=5      b=5

8) what does the statement (a**b**)? a: b return?  
A). the smaller value      B). the larger value  
C). Always a      D). Always b

9) The conditional operator is also called:  
A). ternary operator      B). binary operator  
C). unary operator      D). logical operator

10) what is the output: int x=3; x+=2; (%d, x); ?  
A) 2      B) 3      C) 4      D) 5

11) what is the op: int x=5; printf("%d", --x); ?  
A) 4      B) 5      C) 6      D) 7

12) what is the output: int x=5; printf("%d", x-); ?  
A) 4      B) 5      C) 6      D) 7

- 11). Which of the following is correct?  
A)  $++x$  increments after use      B)  $x++$  increments before use  
C)  $.++x$  increments before use      D)  $x-$  increments before use

12) The conditional operator uses how many operands?  
A) 1      B) 2      C) 3      D) 4

- 13) Which is the correct syntax?  
A) condition? expr1: expr2      B) condition: expr1? expr2  
C) condition expr1? expr2      D) ? condition expr1expr2

14) What is the value of  $x$ ? int  $x=5$ ;  $x=x+++x$   
A) 10      B) 11      C) 12      D) un defined

15) What is the output int  $a=1, b=2$  int  $c=(a&b)? a:b$   
A) 1      B) 2      C) 3      D) 0

16) Which operator is used to check a condition?  
A) ++      B)  $\neq$       C)  $=$       D) /

17) What is the output int  $x=7$ ;  $x=2$   
A) 4      B) 5      C) 6      D) 7

18) What is the output;  $x=3$ ; printf("%d",++x+x++);  
A) 6      B) 7      C) 8      D) can't be find.

19) What does  $-x$  do?  
A) Decrement after use      B) Decrement before use  
C) increments before use      D) does nothing.

20) What is true about increment operators?

- A) they only work with integers  
B) they work with all numeric types  
C) They don't return a value  
D) they can be used on strings.

```
① #include <stdio.h>
int main() {
    int a, b, c, max;
    // Input three numbers
    printf("Enter three numbers: ");
    scanf("%d %d %d", &a, &b, &c);
    // Nested if to find the maximum
    if (a > b) {
        if (a > c)
            max = a;
        else
            max = c;
    } else
        if (b > c)
            max = b;
        else
            max = c;
    printf("maximum number is %d", max);
    return 0;
}
```