

- 1) Prepare 20 Qs in/for practice
- 2) Program defines maxima b/w three numbers using nested if.
- 3) What is the value of x after executing: int x=5; x+=5;?  
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=1      D) a=6  
b=4            b=4            b=5            b=5
- 8) What does the statement (a**b)?  
A) the smaller value      B) the bigger 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 o/p: 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) undefined

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) ==      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) 9

19) What does  $\rightarrow$  do?  
A) Decrement after use      B) Decrement before use  
C) increments before use      D) Does nothing.

20) Which 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.

```
#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 if (c > a)
```

```
            max = c;
```

```
        else
```

```
            max = b;
```

```
    else if (b > c)
```

```
        if (b > a)
```

```
            max = b;
```

```
        else
```

```
            max = c;
```

```
    else
```

```
        max = c;
```

```
    printf("maximum number is %d", max);
```

```
    return 0;
```

```
}
```

```
#include <stdio.h>
```

```
int main()
```