1) prepare 20 mca's of increment and decrement operators

1) which operator increases the value of a variable by 1?

A) --

B) ++

C) +=2

D) =+

2) which operator decreases the value of a variable by 1?

A) --

B) ++

C) -=2

D) =-

3) In c, what is the value of a after a=10; ++a; ?

A) 9

B) 10

C) 11

D) 12

4) In c, what is the value of a after the statement a=5 ; a++ ; ?

A) 4

B) 5

C) 6

D) 7

5) which operator is a postfix increment?

A) ++a

B) a++

C) a--

D) --a

6) Which operator is a prefex decrement?

A) a --

B) -- a

C) ++a

D) a++

7) What will be the output of int a = 5; printf ("%d", a++);

A) 4

B) 5

C) 6

D) compilation error.

8) What will be the output of int a = 5; printf ("%d", ++a); ?

A) 4

B) 5

C) None.

D) 6

9) In postfix form, when is the value increased?

A) Before expression evaluation

B) After expression evaluation

C) Never

D) during compilation

10) In prefix form, when is the value increased?

A) Before expression evaluation

B) After expression evaluation

C) Both before and after

D) Never.

11) what is the output of int a=3 ; int b= a++; ?

A) b=3

B) b=4

C) b=2

D) compilation error

12) What is the output of int a=3; int b=++a ;?

A) b=2

B) b=3

C) b=4

D) error

13) what is the final value of a after int a=5; a--;?

A) 4

B) 5

C) 6

D) 3

14) what is the result of int a=5 ; int b= --a; ?

A) b=4

B) b=5

C) b=6

D) b=3

15) In the expression a++ + ++a , which is executed first?

A) a++

B) ++a

C) Both same time

D) None

16) What is the output of int a=5; printf ("%d", a+++a);

A) 10

B) 11

C) Undefined

D) 12

17) which form of increment operator has higher priority?

A) prefix

B) Postfix

C) Both equal

D) None

18) what is the value of a after: int a = 7; a = a++?

A) 7

B) 8

C) 6

D) undefined behaviour

19) The operator ++ is a _____ operator

A) unary

B) Binary

C) Ternary

D) None

20) which of the following is NOT valid?

A) X++

B) ++X

C) ++(X+1)

D) --X

program to find maximum between three numbers using nested it.

```c
# include <stdio.h>
int main () {
int a,b,c;
printf (" Enter three numbers:");
scanf ("%d %d %d", &a ,&b,&c);
if (a>b) {
if (a>c) {
printf ("Maximum = %d",a);
} else {
printf (Maximum = %d", c);
}
} else {
if (b>c) {
printf (" maximum = %d",b);
} else {
printf (" maximum= %d",c);
}
}
return 0;
}
```

output :-

Enter three numbers : 10 25 15

Maximum = 25