1. Prepared 20 MCQs increment and decrement conditional statements?

<u>Ans:</u>

1. Choose the correct statement about increment operators.

A. They cannot be used inside conditional statements.

B. They can be used inside conditions.

C. They cause chros always.

d. They are slower than arithematic operators.

2. Out Put?

```c
int a = 4;
int b = 4;
if (a++ && --b)
    Printf ("%d", a+b);
else
    Printf ("0");
```

A. 7   B. 8   C. 9   D. 0

3. The expression - - a does:

A. Decrements a after usage.

B. Decrements a before usage.

C. increments before usage.

D. Causes error.

4. Output of the code:

```c
int a = 5;
if (a++ == ++a)
    printf(" Yes");
else
    printf(" No");
```

A. Yes

B. No

C. Error

D. undefined behaviour.

5. What is the output?

```c
int a = 1;
int b = 2;
if (++a == b--)
    printf(" Equal");
else
    printf(" Not equal");
```

A. Equal

B. Not Equal

C. Error

D. undefined.

6. Choose the correct statement.

A. ++a increments before usage.

B. a++ increments after usage.

C. Both A and B.

D. None

7. Out Put ?

```c
int a=5;
int b=10;
if (a++ < --b)
    printf("A");
else
    printf("B");
```

A. A

B. B

C. Error

D. undefined

8. Out Put ?

```c
int x=0;
if (x-- && x++)
    printf("Hello");
else
    printf("world");
```

A. Hello

B. World

C. Error

D. undefined.

9. What is the output?

```c
int x=3;
int y = x++ +++ x;
printf("%d", y);
```

A. 7

B. 8

C. 9

D. undefined.

10. out Put ?

```c
int x=4;
if(- -x || ++x)
    Printf("yes");
else
    Printf("No");
```

A. Yes

B. NO

C. Error

D. undefined

11. out Put ?

```c
int x=1;
if(++x && x--)
    Printf("%d", x);
else
    Printf("0");
```

A. 1

B. 2

C. 0

D. undefined

12. What is the output?

```c
int x=5;
if(x++ >5)
    Printf("Hi");
else
    Printf("Bye");
```

A. Hi

B. Bye

C. error

D. undefined

13. what is the result of:

```c
int a = 2;
int b = a++ * ++a;
```

A. 6

B. 8

C. 4

D. undefined behaviour.

14. what is the output?

```c
int a = 7;
if (a == = =7)
    printf("A");
else
    printf("B");
```

A. A

B. B

C. 7

D. error

15. What is the output?

```c
int a = 5;
if (++a == 6)
    printf("True");
else
    printf("False");
```

A. True

B. False

C. error

D. undefined.

16. Which operator has higer precedence?
    A. + +
    B. - -
    C. *
    D. Both ++ and -- equally.

17. what is the actual output?

```c
int a = 3;
int b = ++a + a++;
printf ("%d", b);
```

    A. 7
    B. 8
    C. 9
    D. undefined

18. what is the output?

```c
int a = 10;
print ("%d", a--);
```

    A. 10
    B. 9
    C. 11
    D. error.

19. what does the expression a++ do?
    A. increments a before using it
    B. increments a after using it
    C. Decrements a before using it.
    D. causes compilation error.

20. what is the output of the following code?

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

    A. 4
    B. 5
    C. 6
    D. error.

2. Programm to find maximum blw three using Nested if.

```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 >= 6)
        Printf ("maximum = %d", a);

    else
        printf ("maximum = %d", c);

    }
    else
    {
    if (b >= c)
        printf ("maximum = %d", b);

    else
        Printf ("maximum = %d", c);

    }
    return 0;
}
```