1) Prepare 20 MCQ's on Conditional statements and increment, Decrement.

1) What is the output of the following code?

```
int a = 5;
if (a > 3)
{
    printf ("Hello");
}
else
{
    print ("World");
}
```

A) Hello

B) World

C) Hello world

D) Error

   Answer : A

2) which operator is used for the else-if ladder?

   A) &&

   B) ||

   C) if -else -if

   D) ?:

   Anser : C

③ What is the output?

```
int x = 10;
printf ("%d", x++);
```

A) 9

B) 10

C) 11

DJ Error

Answer :- 10

④ What is the output?

```
int x = 10;
printf ("%d", ++x);
```

A) 10

B) 11

C) 12

D) 9

Answer :- B

⑤ What does the else part always match?

A) First if

B) Nearest if above it

c) Last if

D) Random if

Answer :- B

⑥ What is the output?

```
int a = 5;
if (a == 5)
    if (a > 2)
    {
        printf("A");
    }
    else
    {
        printf("B");
    }
```

A) A

B) B

C) Nothing

D) Error

Answer: A

⑦ What is the output?

```
int a = 3;
if (a = 5)
{
    printf("True");
}
else
{
    printf("False");
}
```

A) True

B) False

C) Error

D) Nothing

Answer: A

⑧ which operator has higher precedence?

A) ++

B) - -

E) <

D) if

Answer :- A

9. what is the output?

```
int i = 5;
printf ("%.d", --i);
```

A) 5

B) 4

c) 6

D) 3

Answer :- B

10) what is the output?

```
int i = 5
printf ("%.d", i--);
```

A) 5

B) 4

c) 6

D) 3

Answer :- A

11) which is the conditional operator?

A) & &

B) ||

c) ?:

D) = =

Answer : C

12) What is printed?

```
int   a=4, b=2;
if (a≠b)
      printf("A");
else
      printf("B");
```

A) A

B) B

C) AB

D) Error

Answer:— B

13) What is output?

```
int x=3, y=5;
if (++x > y--)
      printf("True");
else
      printf("False");
```

A) True

B) False

C) Error

D) Undefined

Answer :— B

14) which one is the Post increment?

A) ++ a

B) a++

C) -- a

D) a --

Answer :- B

15) what is output?

```
int a = 0;
if (a++)
        printf("Hello");
else
        printf("World");
```

A) Hello

B) World

C) Helloworld

D) Error

Answer :- B

16) what is the output?

```
int a = 2;
if (a --> 2)
        printf("Hi");
else
        printf("Bye");
```

A) Hi

B) Bye

C) HiBye

D) Error

Answer:- B

17) what is the result?

```
int i = 2;
i = i++ + ++i
printf ("%d", i)
```

A) 4

B) 5

C) 6

D) Undefined behaviour.

Answer:- D

18) what is the output?

```
int a = 7;
if (a % 2 == 0)
        printf ("Even");
else
        printf ("Odd");
```

A) Even

B) Odd

C) Even odd

D) Error

Answer: B

19) which one is pre-decrement

A) a--

B) --a

C) a++

D) ++a

Answer:- B

20) What is printed?

```
int x=5;
if(--x==4)
    printf("OK");
else
    printf("No");
```

A) OK

B) No

C) OKO

D) Error

Answer :- A

② write a program to find the maximum between three numbers using nested if statements.

```
#include <stdio.h>
#include <conio.h>
int main()
{
    int a,b,c;
    printf("Enter a,b,c values:");
    scanf("%d %d %d", &a, &b, &c);
    if(a>b).
    {
        if(a>c)
        {
            printf("%d", a);
        }
        else
        {
            printf("%d", c);
        }
```

```c
else
{  if(b>c)
   {  printf ("%.d", b)
   }
   else
   {  printf ("%.d, c);
   }
}
getch();
return 0;
}
```

OUTPUT:-

Enter a,b,c values = 55

77

44.

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