

CMR Engineering College

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2022-26_I_CS_B_C Programming Lab

C PROGRAMMING LAB_MCQ TEST_CONDITIONAL STATEMENTS

Attempt : 1
Total Mark : 30
Marks Obtained : 30

Section 1 : MCQ

1. Which of the following cannot be checked in a switch-case statement?

Answer

Float

Status : Correct

Marks : 1/1

2. The output of the code below is

```
#include <stdio.h>
int x;
void main()
{
if (x)
printf("hi");
else
printf("how are u");
}
```

Answer

how are u

Status : Correct

Marks : 1/1

3. What is the output of this C code?

```
#include <stdio.h>
int main()
{
    int a = 2;
    if (a >> 1)
        printf("%d\n", a);
}
```

Answer

2

Status : Correct

Marks : 1/1

4. What will be the output of the following code snippet?

```
Y = 5;
if (! Y > 10)
X = Y + 3;
else
X = Y + 10;
printf(" X = %d Y = %d", X, Y);
```

Answer

The program will print X = 15 Y = 5

Status : Correct

Marks : 1/1

5. What is the output of this C code?

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

```
int main()
{
int p = 10, q = 20, r;
if (r = p = 5 || q > 20)
printf("%d", r);
else
printf("No Output\n");
}
```

Answer

1

Status : Correct

Marks : 1/1

6. What is the Output?

```
#include "stdio.h"
int main()
{
    int m=10;
    if(m=30,20,0)
        printf ("I am %d",m);
    else
        printf ("You are %d",m);
    return 0;
}
```

Answer

Your are 30

Status : Correct

Marks : 1/1

7. Comment on the following expression?

c = (n) ? a : b;

TRUE 2

Status : Correct

Marks : 1/1

10. What is the output of this C code?

```
#include <stdio.h>
void main()
{
    float x = 0.1;
    if (x == 0.1)
        printf("Placementseason");
    else
        printf("Advanced C Classes");
}
```

Answer

Advanced C Classes

Status : Correct

Marks : 1/1

11. Comment on the output of this C code?

```
#include <stdio.h>
int main()
{
    int a = 1;
    if (a)
        printf("All is Well ");
        printf("I am Well\n");
    else
        printf("I am not a River\n");
}
```

Answer

Compile time errors during compilation

Status : Correct

Marks : 1/1

12. The output of the code below is

```
#include <stdio.h>
void main()
{
    int x = 5;
    if (x < 1);
        printf("Hello");
}
```

Answer

Hello

Status : Correct

Marks : 1/1

13. What is the output of this C code?

```
#include <stdio.h>
int main()
{
    char *p = NULL;
    char *q = 0;
    if (p)
        printf(" p ");
    else
        printf("nullp");
    if (q)
        printf("q\n");
    else
        printf(" nullq\n");
}
```

Answer

nullp nullq

Status : Correct

Marks : 1/1

14. What is the output of this C code?

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

```
int main()
{
int x = 1, y = 2;
if (x && y == 1)
printf("true\n");
else
printf("false\n");
}
```

Answer

false

Status : Correct

Marks : 1/1

15. What is the output of this C code?

```
#include <stdio.h>
#define max(a) a
int main()
{
    int x = 1;
    switch (x)
    {
        case max(2):
            printf("yes\n");
        case max(1):
            printf("no\n");
            break;
    }
}
```

Answer

no

Status : Correct

Marks : 1/1

16. What is the output of this C code?

```
#include <stdio.h>
int main()
{
    int i = 1;
    if (i-- && (i != 1))
        printf("Yes\n");
    else
        printf("No\n");
}
```

Answer

Yes

Status : Correct

Marks : 1/1

17. Comment on the following code below

```
#include <stdio.h>
void main()
{
    int x = 5;
    if (true);
        printf("hello");
}
```

Answer

It will throw an error

Status : Correct

Marks : 1/1

18. What is the output of this C code?

```
#include <stdio.h>
void main()
{
    int x = 0;
```



```
if (x = 0)
printf("Its zero\n");
else
printf("Its not zero\n");
}
```

Answer

Its not zero

Status : Correct

Marks : 1/1

19. The output of the code below is

```
#include <stdio.h>
void main()
{
    int x = 5;
    if (x < 1)
        printf("hello");
    if (x == 5)
        printf("hi");
    else
        printf("no");
}
```

Answer

hi

Status : Correct

Marks : 1/1

20. What is the output of this C code?

```
#include <stdio.h>
int main()
{
    int i = 1;
```

```
if (i++ && (i == 1))
    printf("Yes\n");
else
    printf("No\n");
}
```

Answer

No

Status : Correct

Marks : 1/1

21. Choose a statement to use C If Else statement.

Answer

else or else if is optional with if statement.

Status : Correct

Marks : 1/1

22. Comment on the output of this C code?

```
#include <stdio.h>
int main()
{
    int a = 1;
    switch (a)
    {
        case a:
            printf("Case A ");
        default:
            printf("Default");
    }
}
```

Answer

Compile time error

Status : Correct

Marks : 1/1

23. What is the output of this C code?

```
#include <stdio.h>
void main()
{
    int i = 0;
    if (i == 0)
    {
        printf("Hello");
        break;
    }
}
```

Answer

Compile time error

Status : Correct

Marks : 1/1

24. What is the output of this C code?

```
#include <stdio.h>
int main()
{
    unsigned int i = 23;
    signed char c = -23;
    if (i > c)
        printf("Yes\n");
    else if (i < c)
        printf("No\n");
}
```

Answer

No

Status : Correct

Marks : 1/1

25. What is the final value of j in the below code?

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

```
int main()
{
    int i = 0, j = 0;
    if (i && (j = i + 10))
        //do something;
}
```

Answer

0

Status : Correct

Marks : 1/1

26. What is the output?

```
#include "stdio.h"
int main()
{
    int a;
    if(a == printf("Hai-"))
    { printf("Bad place to learn C");

    }
    else
    {
        printf("Good place to learn C");
    }

    return 0;
}
```

Answer

Hai-Good place to learn C

Status : Correct

Marks : 1/1

27. What is the output of this C code?

```
#include <stdio.h>
int main()
```

```
{  
int y = 0;  
if (1 |(y = 1))  
printf("y is %d\n", y);  
else  
printf("%d\n", y);  
}
```

Answer

1

Status : Correct

Marks : 1/1

28. What will be the output of following program ?

```
#include <stdio.h>  
int main()  
{  
    int pn=100;  
    if(pn>20)  
        if(pn<20)  
            printf("Heyyyyyy");  
    else  
        printf("Hiiiiii");  
    return 0;  
}
```

Answer

Hiiiiii

Status : Correct

Marks : 1/1

29. The statement that transfers control to the beginning of the loop is called _____.

Answer

continue statement

Status : Correct

Marks : 1/1

30. When 1 is entered, The output of the code below is?

```
#include <stdio.h>
void main()
{
    int ch;
    printf("enter a value btw 1 to 2:");
    scanf("%d", &ch);
    switch (ch)
    {
        case 1:
            printf("1\n");
        default:
            printf("2\n");
    }
}
```

Answer

1 2

Status : Correct

Marks : 1/1