Q 1 - What is the output of the following code snippet?

#include<stdio.h>

main()

{

int const a = 5;

a++;

printf(“%d”,a);

}

[A - 5](javascript:void(0);)

[B - 6](javascript:void(0);)

[C - Runtime error](javascript:void(0);)

[D - Compile error](javascript:void(0);)

Q 2 - What is the output of the following code snippet?

#include<stdio.h>

main()

{

const int a = 5;

a++;

printf("%d", a);

}

[A - 5](javascript:void(0);)

[B - 6](javascript:void(0);)

[C - Runtime error](javascript:void(0);)

[D - Compile error](javascript:void(0);)

Q 3 - What is the output of the below code snippet?

#include<stdio.h>

main()

{

char s[]="hello", t[]="hello";

if(s==t){

printf("eqaul strings");

}

}

[A - Equal strings](javascript:void(0);)

[B - Unequal strings](javascript:void(0);)

[C - No output](javascript:void(0);)

[D - Compilation error](javascript:void(0);)

Q 4 - What is the output of the below code snippet?

#include<stdio.h>

main()

{

int a = 5, b = 3, c = 4;

printf("a = %d, b = %d\n", a, b, c);

}

[A - a=5, b=3](javascript:void(0);)

[B - a=5, b=3, c=0](javascript:void(0);)

[C - a=5, b=3, 0](javascript:void(0);)

[D - compile error](javascript:void(0);)

Q 5 - What is the output of the below code snippet?

#include<stdio.h>

main()

{

int a = 1;

float b = 1.3;

double c;

c = a + b;

printf("%.2lf", c);

}

[A - 2.30](javascript:void(0);)

[B - 2.3](javascript:void(0);)

[C - Compile error](javascript:void(0);)

[D - 2.0](javascript:void(0);)

Q 6 - What is the outpout of the following program?

#include<stdio.h>

main()

{

enum { india, is=7, GREAT };

printf("%d %d", india, GREAT);

}

[A - 0 1.](javascript:void(0);)

[B - 0 2](javascript:void(0);)

[C - 0 8](javascript:void(0);)

[D - Compile error](javascript:void(0);)

Q 7 - What is the output of the following code snippet?

#include<stdio.h>

main()

{

char c = 'A'+255;

printf("%c", c);

}

[A - A](javascript:void(0);)

[B - B](javascript:void(0);)

[C - Overflow error at runtime](javascript:void(0);)

[D - Compile error](javascript:void(0);)

Q 8 - What is the output of the following code snippet?

#include<stdio.h>

main()

{

short unsigned int i = 0;

printf("%u\n", i--);

}

[A - 0](javascript:void(0);)

[B - Compile error](javascript:void(0);)

[C - 65535](javascript:void(0);)

[D - 32767](javascript:void(0);)

Q 9 - What is the output of the below code snippet?

#include<stdio.h>

main()

{

unsigned x = 5, y=&x, \*p = y+0;

printf("%u",\*p);

}

[A - Address of x](javascript:void(0);)

[B - Address of y](javascript:void(0);)

[C - Address of p](javascript:void(0);)

[D - 5](javascript:void(0);)

Q 10 - What is your comment on the below C statement?

signed int \*p=(int\*)malloc(sizeof(unsigned int));

[A - Improper type casting](javascript:void(0);)

[B - Would throw Runtime error](javascript:void(0);)

[C - Memory will be allocated but cannot hold an int value in the memory](javascript:void(0);)

[D - No issue with statement](javascript:void(0);)

Q 11 - What is the output of the following code snippet?

#include<stdio.h>

main()

{

int x = 5;

if(x==5)

{

if(x==5) break;

printf("Hello");

}

printf("Hi");

}

[A - Compile error](javascript:void(0);)

[B - Hi](javascript:void(0);)

[C - HelloHi](javascript:void(0);)

[D - Hello](javascript:void(0);)

Q 12 - What is the output of the following code snippet?

#include<stdio.h>

main()

{

int x = 5;

if(x=5)

{

if(x=5) break;

printf("Hello");

}

printf("Hi");

}

[A - Compile error](javascript:void(0);)

[B - Hi](javascript:void(0);)

[C - HelloHi](javascript:void(0);)

[D - Compiler warning](javascript:void(0);)

Q 13 - What is the output of the following code snippet?

#include<stdio.h>

main()

{

int x = 5;

if(x=5)

{

if(x=5) printf("Hello");

}

printf("Hi");

}

[A - HelloHi](javascript:void(0);)

[B - Hi](javascript:void(0);)

[C - Hello](javascript:void(0);)

[D - Compiler error](javascript:void(0);)

Q 14 - What is the output of the below code snippet?

#include<stdio.h>

main()

{

for(;;)printf("Hello");

}

[A - Infinite loop](javascript:void(0);)

[B - Prints “Hello” once.](javascript:void(0);)

[C - No output](javascript:void(0);)

[D - Compile error](javascript:void(0);)

Q 15 - What is the output of the below code snippet?

#include<stdio.h>

main()

{

for()printf("Hello");

}

[A - Infinite loop](javascript:void(0);)

[B - Prints “Hello” once.](javascript:void(0);)

[C - No output](javascript:void(0);)

[D - Compile error](javascript:void(0);)

Q 16 - What is the output of the below code snippet?

#include<stdio.h>

main()

{

for(1;2;3)

printf("Hello");

}

[A - Infinite loop](javascript:void(0);)

[B - Prints “Hello” once.](javascript:void(0);)

[C - No output](javascript:void(0);)

[D - Compile error](javascript:void(0);)

Q 17 - int x=~1; What is the value of 'x'?

[A - 1](javascript:void(0);)

[B - -1](javascript:void(0);)

[C - 2](javascript:void(0);)

[D - -2](javascript:void(0);)

Q 18 - What is the output of the following program?

#include<stdio.h>

void f()

{

static int i;

++i;

printf("%d", i);

}

main()

{

f();

f();

f();

}

[A - 1 1 1](javascript:void(0);)

[B - 0 0 0](javascript:void(0);)

[C - 3 2 1](javascript:void(0);)

[D - 1 2 3](javascript:void(0);)

Q 19 - What is the output of the following code snippet?

#include<stdio.h>

main()

{

int \*p = 15;

printf("%d",\*p);

}

[A - 15](javascript:void(0);)

[B - Garbage value](javascript:void(0);)

[C - Runtime error](javascript:void(0);)

[D - Compiler error](javascript:void(0);)

Q 20 - What is the output of the following program?

#include<stdio.h>

main()

{

register int x = 5;

int \*p;

p=&x;

x++;

printf("%d",\*p);

}

[A - Compile error](javascript:void(0);)

[B - 5](javascript:void(0);)

[C - 6](javascript:void(0);)

[D - Garbage value](javascript:void(0);)

Q 21 - What is the output of the following program?

#include<stdio.h>

main()

{

int x = 65, \*p = &x;

void \*q=p;

char \*r=q;

printf("%c",\*r);

}

[A - Garbage character.](javascript:void(0);)

[B - A](javascript:void(0);)

[C - 65](javascript:void(0);)

[D - Compile error](javascript:void(0);)

Q 22 - What is the output of the following program?

#include<stdio.h>

void f()

{

printf(“Hello\n”);

}

main()

{

;

}

[A - No output](javascript:void(0);)

[B - Error, as the function is not called.](javascript:void(0);)

[C - Error, as the function is defined without its declaration](javascript:void(0);)

[D -Error, as the main() function is left empty](javascript:void(0);)

Q 23 - What is the output of the following program?

#include<stdio.h>

main()

{

printf("\");

}

[A - \](javascript:void(0);)

[B - \"](javascript:void(0);)

[C - "](javascript:void(0);)

[D - Compile error](javascript:void(0);)

Q 24 - What is the output of the following program?

#include<stdio.h>

{

int x = 1;

switch(x)

{

default: printf("Hello");

case 1: printf("hi"); break;

}

}

[A - Hello](javascript:void(0);)

[B - Hi](javascript:void(0);)

[C - HelloHi](javascript:void(0);)

[D - Compile error](javascript:void(0);)

Q 25 - What is the output of the following program?

#include<stdio.h>

main()

{

struct { int x;} var = {5}, \*p = &var;

printf("%d %d %d",var.x,p->x,(\*p).x);

}

[A - 5 5 5](javascript:void(0);)

[B - 5 5 garbage value](javascript:void(0);)

[C - 5 5 0](javascript:void(0);)

[D - Compile error](javascript:void(0);)

Q 26 - What is the output of the following program?

#include<stdio.h>

void swap(int m, int n)

{

int x = m;

m = n;

n = x;

}

main()

{

int x=5, y=3;

swap(x,y);

printf("%d %d", x, y);

}

[A - 3 5](javascript:void(0);)

[B - 5 3](javascript:void(0);)

[C - 5 5](javascript:void(0);)

[D - Compile error](javascript:void(0);)

Q 27 - What will be printed for the below statement?

#include<stdio.h>

main()

{

printf("%d",strcmp("strcmp()","strcmp()"));

}

[A - 0](javascript:void(0);)

[B - 1](javascript:void(0);)

[C - -1](javascript:void(0);)

[D - Invalid use of strcmp() function](javascript:void(0);)

Q 28 - What is the following program doing?

#include<stdio.h>

main()

{

FILE \*stream=fopen("a.txt",'r');

}

[A - Trying to open “a.txt” in read mode](javascript:void(0);)

[B - Trying to open “a.txt” in write mode.](javascript:void(0);)

[C - “stream” is an invalid identifier](javascript:void(0);)

[D - Compile error](javascript:void(0);)

Q 29 - What is the output of the following program?

#include<stdio.h>

main()

{

int r, x = 2;

float y = 5;

r = y%x;

printf("%d", r);

}

[A - 1](javascript:void(0);)

[B - 0](javascript:void(0);)

[C - 2](javascript:void(0);)

[D - Compile error](javascript:void(0);)

Q 30 - Which operator is used to continue the definition of macro in the next line?

[A - #](javascript:void(0);)

[B - ##](javascript:void(0);)

[C - $](javascript:void(0);)

[D - \](javascript:void(0);)