


```
{
    for (j=1; j<=i; j++)
    {
        count++;
    }
}
printf("%d",count);
```

- a) 5
- b) 10
- c) 15
- d) 25

- 8) To access member of a structure, we can use ___ operator
- a) >
 - b) . (dot)
 - c) *
 - d) None of these.
- 9) A variable in C can't start with _____
- a) number
 - b) underscore (_)
 - c) an alphabet
 - d) B and C
- 10) Every C Program must contains _____
- a) printf()
 - b) getch()
 - c) main()
 - d) None of these
- 11) Which symbol used in comment line/s?
- a) //
 - b) /* */
 - c) Both A and B
 - d) None of these
- 12) To declare same data type multiple variables, we can use _____
- a) Array
 - b) Function
 - c) string
 - d) None of these
- 13) If `int a[3][2] = {{11,12},{13,14},{15,16}}`; then `a[1][1]` is _____
- a) 13
 - b) 14
 - c) 15
 - d) 16
- 14) _____ contains address of another variable.
- a) Array
 - b) Pointer
 - c) UDF
 - d) All of these

Attempt any FOUR questions from Q-2 to Q-8.

Q.-2 Attempt following.

14

- a) Write a note on: History of C language. 7
- b) Discuss machine, assembly and higher level languages. 7



- Q.-3 Attempt following. 14**
- a) Define loop. Explain nested for loop with suitable example. 7
- b) Define operator. Explain arithmetic, relational and logical operators available in C. 7
- Q.-4 Attempt following. 14**
- a) Define type casting. Explain explicit type casting with example. 7
- b) Explain *nested if-else* with syntax and example. 7
- Q.-5 Attempt following. 14**
- a) Define array. Explain 1D & 2D array declaration in initialization process. 7
- b) Explain strlen() and strcpy() function with syntax and example. 7
- Q.-6 Attempt following. 14**
- a) Explain UDF with argument and with return values using suitable example. 7
- b) Define string. How to input string data in variable? Explain string initialization Process. 7
- Q.-7 Attempt following. 14**
- a) Write a C program to print following. 7
- ```

ABCDE
BCDE
CDE
DE
E

```
- b) Write a C program to count number of vowels (a,e,i,o,u) in given string. 7
- Example Input: keyboard  
Output: 3
- Q.-8 Attempt following. 14**
- a) Write a C program to input string print following. 7
- ```

Input: karma
Output:  k
       ka
       kar
       karm
       karma

```
- b) Write a C program to enter two numbers in pointer variable and find sum of two numbers. 7

