Tribhuvan University

Faculty of Humanities & Social Sciences
OFFICE OF THE DEAN
2018

Bachelor in Computer Applications   **Full Marks: 60**
Course Title: C-Programming   **Pass Marks: 24**
Code No: CACS 151   **Time: 3 hours**
Semester: II

Centre: **Symbol No:**

Candidates are required to answer the questions in their own words as far as possible.

Group A

Attempt all the questions.   **[10×1 = 10]**

Circle (O) the correct answer.

1.   Which of the following doesn't require an & for the input in scanf()?
      a. char name[10];   b) int name[10];
      c) float name[10];   d) double name[10];

2.   What is the memory size of float data type in C?

      a) 4 Bytes   b) 8 Bytes

      c) Depends on the system/complier   d) Cannot be determined.

3.   What will be the output of the following C code?
```
#include<stdio.h>
int main()
{
        int x = 3,y;
        y = (++x) + (x++);
        printf("%d",y);
        return 0;
}
```
      a) 6   b) 8   c) 7   d) 9

4.   Which keyword is used to come out of a loop only for that iteration?
      a) break   b) continue   c) return   d) void

5.   Bitwise operators can operate upon?
      a) Double and chars   b) floats and doubles
      c) int and floats   d) int and chars

6.   In C, if you pass an array as an argument to a function, what actually gets passed?
      a) Value of elements in an array.   b) First element in an array.

      c) The address of first element in an array.   d) The address of last element in an array.

7.   Which operator is used to access the members of structure using structure variable?
      a) Address operator (&)   b) Dot operator (.)
      c) Pointer operator (*)   d) Arrow operator (→)

8.   Which function is used to record input from file?
      a) ftell()   b) fwrite()   c) fprintf()   d) fread()

9.   Which of the following is a keyword used for a storage class?

a) printf   b) goto   c) external   d) break

10. What will be the size of following union declaration?

```
union test
{
        int x;
        char y;
        float z;
}
```

a) 8 bytes   b) 13 bytes   c) 1 byte   d) 4 bytes