

# TERNA ENGINEERING COLLEGE, NERUL

## DEPARTMENT OF GENERAL ENGINEERING

Unit Test-I

SEM:II

Sub: Structured Programming Approach

Date: 18/02/2015

Class : F.E( All Divisions)

Total Marks:20

**Q.1) Solve any five.**

**(5x2=10)**

- Define Algorithm & Flowchart with example.
- Draw flowchart for comparison of two numbers.
- What is keyword? List any 6 keywords.
- Which are different operators used in C language.
- Define data type & different data types used in C language.
- Give syntax for if \_\_\_ else statement with example.
- Find output of following program

```
#include<stdio.h>

void main()
{
    int x=5,y=8;
    printf("Bitwise operators");
    printf("%d>>2=%d",x,(x>>2));
    printf("%d<<2=%d",y,(y<<2));
}
```

**Q.2) Solve any one.**

**(5x1=5)**

- Explain if \_\_\_ else ladder with example.
- Write menu driven program to perform addition, subtraction, multiplication and division based on users choice.

**Q.3) Solve any one.**

**(5x1=5)**

- Write a C program to find factorial of input number.
- Write a C program to print Fibonacci Series.(0 1 1 2 3 5 8.....n)

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