

# Assignment 1

**Subject: Principle of Programming Language**

**Date of Release: 14 Oct 2021**

**Batch: B.Tech-CSE Batch 15/16**

**Date of Submission: 21 Oct 2021**

**Max. Marks: 10**

1. Draw equivalent flow charts and write syntax of FOR and Do-WHILE control construct in C Language. Make suitable assumptions.
2. Compare the different storage class specifiers in C Language on Life, Scope, Initial Value and Storage Location of variables.
3. Specify key differences between:
  - a. Compiler and interpreter
  - b. **return** and **break** statements.
4. Demonstrate the structure of a C Program while calculating area of a circle. Use **scanf** to read radius. Also distinguish between declaration and definition.
5. Demonstrate the application of different bit-wise operations on integer operands. Apply taking **int x =16, y =15;**