BCA-I
(Session: 2024-27)

Assignment
Paper - V
C Programming
Answer the following questions

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1. What is a flowchart? Write its advantages and limitations. Draw a flowchart to print Fibonacci Series up to n terms.   [3 + 6 + 6]

2. Describe the various decision-making constructs available in C programming language. Write a program to find whether a year is a leap year or not.   [10 + 5]

3. Differentiate between while and do-while loops. Write a program to find the factorial of the given number. Write a program to find the length of a string (without using library function strlen()).   [5 + 5 + 5]

4. Discuss structure and union in detail. Support your discussion with appropriate programs for both the concepts.   [15]