

|| Shri Gujarati Samaj, Indore ||

# PMB Gujarati Commerce College

**B.Com. II Year (Computer Application)**

## Elective Subject

### Basic Programming in 'C' Language – Practical Diary Questions(2024-25)

1. Explain Algorithm and Flowchart with example.
2. What are different data types available in C Language? explain with its size and range.
3. Write an Algorithm & Flowchart to convert temperature from Celsius to Fahrenheit.
4. Write an Algorithm & Flowchart to find out the smallest and largest number among the three numbers.
5. Write a program to calculate simple and compound interest.
6. Write a C Program to print natural numbers from 1 to n.
7. What is Loop? Write a C Program to calculate factorial of a give numbers.
8. What is If...else statement? Write a C Program to check a given number is even or odd.
9. What is Pointer and an Array? Write a C Program to access elements of an array using pointers.
10. What is structure? Write a C Program to store information of 10 students using structures.
11. What is Call by Value and Call by reference? Explain with example.
12. What is recursion? Write a C Program to reverse a string using recursion.

Dr. Ajay Kumar Soni

Professor & HOD(Computer)