

# PMB Gujarati Commerce College

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

### Basic Programming in 'C' Language – Practical Diary Questions

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 make a simple calculator using switch...case statement.
7. Write a C Program to print natural numbers from 1 to n.
8. What is Loop? Write a C Program to calculate factorial of a give numbers.
9. What is If...else statement? Write a C Program to check a given number is even or odd.
10. What is Pointer and an Array? Write a C Program to access elements of an array using pointers.
11. What is structure? Write a C Program to store information of 10 students using structures.
12. What is Call by Value and Call by reference? Explain with example.
13. Explain String Handling with its functions? Write a C Program to find length of a given string.
14. What is recursion? Write a C Program to reverse a string using recursion.
15. What is an Array? Write a C Program to find largest element in an array.
16. Write a C Program to addition of two matrices using multi-dimensional arrays.
17. Write a C Program to print following Pyramid.

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18. Write a C Program to print following Pyramid.

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