



G. S. College of Commerce & Economics, Nagpur

An Autonomous Institution

(Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University)

First Semester Bachelor of Commerce (Computer Application)

Examination (CBCS)

PROGRAMMING IN C

(BCCAC 1.3)

Time: 2 Hours

Maximum Marks: 40

N. B: 1) All the questions are compulsory.

2) Draw well-labelled diagrams whenever necessary.

Q.1 Answer the following question.

07

A) What is Data Type? Explain in detail.

OR

B) What is Loop statement? Explain different types of Looping statement.

Q.2 Answer the following question.

07

A) What is Function? Explain Library Functions in short.

OR

B) Define Array. Differentiate One-Dimensional Array and Multi-Dimensional Array.

Q.3 Answer the following question.

07

A) Write a program based on Call-by-Value and Call-by-Reference.

OR

B) Explain:

i) Pre-processors ii) MACROS

Q.4 Answer the following question.

07

A) Define Structure with syntax. Differentiate between Structure and Union.

OR

B) Explain File along with its Function.

Q.5 Answer the following question. (Any One)

02

A) Explain if-- else statement in short.

B) Explain Structure of C Program.

Q.6 Answer the following question. (Any One)

02

A) How to declare array in C?

B) List String Library Functions.

- Q.7 Answer the following question. (Any One) 02
- A) Write a program to perform swapping using pointer
 - B) Write down any two header files with its uses.
- Q.8 Answer the following question. (Any One) 02
- A) What is Union?
 - B) Write down steps to open and close file.
- Q.9 Solve the following questions. 04
- A) Explain printf() and scanf().
 - B) Explain Global and Local Variable.
 - C) How to declare Pointer in C?
 - D) Explain input functions.

