



Shiksha Mandal, Wardha's

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

Note : A) All Questions are compulsory

B) Draw well labeled diagram wherever necessary

- Q.1. Answer the following question. 07
A) Explain conditional branching statement (If statement) with example.
OR
B) What is Operator? Explain various types of operators in 'C' with suitable example.
- Q.2 Answer the following question. 07
A) What is Array? Write a 'C' program to calculate the addition of two matrices.
OR
B) What is Function? Explain function using array with example.
- Q.3 Answer the following question. 07
A) Explain various 'Header Files' and its uses.
OR
B) Write a program in 'C' to swap values of two variables using function with pointers.
- Q.4 Answer the following question. 07
A) What is Structure? Explain Nesting of Structure with example.
OR
B) Explain various modes of file with example.
- Q.5 Answer the following question: (Any one) 02
A) Explain switch-case statement with example.
B) Explain 3 parts of For-Loop.
- Q.6 Answer the following question: (Any one) 02
A) What is Recursive Function?
B) Differentiate One-Dimensional Array and Two-Dimensional Array.
- Q.7 Answer the following question: (Any one) 02
A) Write a 'C' program to add two numbers using pointer variable.
B) Explain Pre-Processor in detail.

Q.8 Answer the following question: (Any one)

02

- A) Explain Structure Declaration in detail.
- B) What is the role of pointer variable in file?

Q.9 Solve the following questions.

04

- A) Explain Input Output Statement in 'C'.
- B) Explain argument in function.
- C) What is Macros?
- D) Explain fopen() in file.

