

Faculty of Commerce

B.Com. I-Year, CBCS - II Semester Regular Examinations -June/July, 2022

(For B.Com Comp. Appl)

PAPER: Programming with C & C++

Time: 1 Hour 30 Min

Max Marks: 50

Section-A

- I. Answer any *five* of the following questions (5x4=20 Marks)
1. What is a flow chart? Explain with an example.
 2. Write the syntax for *for-loop*, *while-loop* and *do-while loop*.
 3. How do you declare a function? Explain with example
 4. What is a Union? Explain with example.
 5. Write the structure of a C++ program.
 6. What is Encapsulation?
 7. What is a storage class? List the different storage classes.
 8. Recursive function. Explain with example.

Section-B

- II. Answer the following questions (5x6=30 Marks)
9. (a) Write an algorithm and draw a flow chart to add two numbers.
(OR)
(b) What is a Data type? Explain - different data types in C Language.
- 10.(a) Explain different types of control statements in C programming.
(OR)
(b) Write a program to find factorial for a given number, using while statement.
- 11.(a) What is a function call? Explain different types of function calls.
(OR)
(b) Write a program to find the average of '*n*' (*n*<10) numbers using arrays.
- 12.(a) Write a short note on pointers and their uses in C programing.
(OR)
(b) Discuss about array of structures with suitable examples.
- 13.(a) Write a C++ program to reverse a number.
(OR)
(b) Explain Polymorphism with a suitable example.
