

BCA**Programming in C(2K11)****Subject Code BSBC-102****Paper ID- B1109****Time 3 hrs****Max Marks 60****Note : Attempt four question from section B. Section A is compulsory****Section A**

10X2

- i. What is the syntax of If-else statement
- ii What is the pseudo code
- iii What is an flow chart
- iv What is the difference between structure and Union
- v What is the Scope of a extern variable
- vi What are the arithmetic operators available in C
- vii How many byte are required for Long Int a[20] statement
- viii What are the syntax of Printf statements of C
- ix What is format statements .
- x How union is represented.

Section B

4X10

- 1) What are the various data types in C. Explain with example
- 2a. What is the difference between formal and actual arguments of a function.
- b. What are the methods through the parameters are passed in Functions
- 3. What is an array. Write a program to find the sum of the rows, Column and non diagonal elements of a matrix
- 4a) How error handling is done in files. Explain with example
- b. What are the various file opening statements available in C.
- 5 What is the syntax of various input output statements available in C
- 6 How are two dimensional arrays are accessed using pointers. **write a program to add two matrices**

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