



**II Semester B.Sc. Degree Examination, May/June 2016**  
**COMPUTER SCIENCE – II (New)**  
**CS2T : Advance 'C' Programming and Office Automation**

Time : 3 Hours

Max Marks : 80

**SECTION – A**

**I. Answer all questions. Each question carries two marks**

**(10×2=20)**

- 1) What do you mean by a calling function and called function ?
- 2) Differentiate between global and local variable.
- 3) What is pointer ? What is difference between \* and & ?
- 4) What is union ? Write the syntax for defining union.
- 5) What are the various operations possible with files ?
- 6) What is macro substitution ?
- 7) What do you mean by chart ?
- 8) What is spreadsheet ?
- 9) Write the shortcut keys for cut and paste.
- 10) What is preprocessor ?

**SECTION – B**

**II. Answer any four questions. Each question carries five marks**

**(4×5=20)**

- 11) What are the advantages of functions ?
- 12) Write a C program to find sum of n natural numbers using functions
- 13) Explain call-by-value with suitable example.
- 14) What is the difference between structures and arrays ?
- 15) Write the steps to open and save a document in MS-word.
- 16) How do you apply bullets to the text ?

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SECTION – C

III. Answer any four questions. Each question carries ten marks. (4×10=40)

- 17) Explain the working of functions with arguments and with return values with a suitable example program
- 18) What is the relation between
  - i) Array of pointers
  - ii) Pointer with array of structures.
- 19) Define file. Explain different modes in which files can be opened with example
- 20) Write a 'C' program to macro substitute concept.
- 21) Explain the screen layout of the word document window
- 22) Explain the different functions in MS-Excel.

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