



II Semester B.Sc. Degree Examination, May 2017
(CBCS)
COMPUTER SCIENCE – II
CS 2T : Advanced C Programming and Office Automation (New)

Time : 3 Hours

Max. Marks : 70

SECTION – A

I. Answer **all** the questions. **Each** question carries **2** marks. **(10×2=20)**

- 1) What are library functions ? Give any two examples.
- 2) What is a union ? Write the syntax for defining union.
- 3) What is a pointer ? What is the difference between a normal variable and a pointer variable ?
- 4) Define actual and formal parameters.
- 5) What are the various operations possible with files ?
- 6) What is the use of the `getc()` function ?
- 7) What is macro ?
- 8) What are headers and footers ?
- 9) What is cell ?
- 10) What is worksheet ?

SECTION – B

II. Answer **any four** questions. **Each** question carries **5** marks. **(4×5=20)**

- 11) Explain the working of functions with no arguments and no return values.
- 12) Write a C program to smallest of two numbers using functions.
- 13) What is automatic storage class ? Explain with an example.
- 14) What is the difference between a structure definition and a structure declaration ?
- 15) Write the steps to insert picture from clipart.
- 16) How do you apply bullets to the text ?

P.T.O.



SECTION – C

III. Answer **any three** questions. **Each** question carries **10** marks. **(3×10=30)**

- 17) Write a C program to find factorial of a given number using functions.
 - 18) Explain the use of arrays within a structure with a programming example.
 - 19) What is meant by a preprocessor ? Explain any one type of preprocessor directives.
 - 20) Explain any five major components of MS-word document window.
 - 21) Explain any five types of charts in MS-Excel.
 - 22) Explain how to enter data in series in MS-Word ?
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