Code No. 3008

FACULTY OF SCIENCE
B.Sc. I-Semester (CBCS) Examination, November / December 2018

Subject : Computer Science

Paper – I : Programming in C

Time : 3 Hours   Max. Marks: 80

PART – A (5 x 4 = 20 Marks)
(Short Answer Type)
Note : Answer any FIVE of the following questions.

1. Explain briefly about memory Hierarchy.
2. Explain the structure of 'C' program.
3. Write in detail about switch statement.
4. What are strings? Name some function in string.h
5. Write about storage classes in detail.
6. Define function and explain the concept of function.
7. Define Union and give the syntax of union.
8. Write some file management functions.

PART – B (4 x 15 = 60 Marks)
(Essay Answer Type)
Note: Answer ALL questions.

9. (a) Define Algorithm and explain in detail about different ways of stating an algorithm.

OR

   (b) Write about 'C' tokens end operators of 'C' language in detail.

10. (a) Explain in detail about selection statements.
    (b) Explain the formatted Input / Output statements.

OR

    (c) Define Array. Explain in detail about 1 – D and 2 – D Array declaration with example.

11. (a) Define function. Explain in detail about passing Arrays to function with example.

OR

    (b) Explain in detail the pointers and its uses.

12. (a) Explain about structures and its members in detail.
    (b) What are enumerated data types?

OR

    (c) Explain in detail about working of files in 'C' language.

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