D-2967
First Year B. Sc. (Computer Science) (Sem. II) Examination
March / April - 2016
Programming Language : C - II

Time : Hours] [Total Marks : 50

Instruction :

1 Answer the following questions. 14

(1) What do you mean by structure? How it differ from a simple variable?

(2) What is typedef?

(3) What is insertion sort?

(4) List file random access functions.

(5) What do you mean by sequential search?

(6) Define: # and ## preprocessor in C.

(7) Describe file pointer.

2 (a) Define union and discuss how we can access the elements of union and compare it with structure. 6

(b) Write a note on binary search. 6

OR

2 (a) What is pointer? Explain the use of pointer in accessing array elements. 6

(b) Write a note on selection sort. 6

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3 (a) Write a code which use array of pointers use to display array elements.
(b) Explain fopen( ) with various file modes in detail.

OR

3 (a) What are the macro preprocessors in C? Explain them with example.
(b) Write a C program that take input from the user and write it in a file.

4 Write notes on. (Any Two)
(1) Explain random access a file in C with example.
(2) Bubble sort.
(3) Passing structure to a function.