BCA P4

II Semester B.C.A. Examination, August 2011

DATA STRUCTURE LAB

Time : 3 Hours

Max. Marks : 75

Answer **any five** questions.

(5×15=75)

1. Write a C program to input a 3×3 matrix and print the same in matrix form.

2. Write a C program to accept polynomials as input and print the resultant polynomials after adding the input.

3. Write a C program to input to push and POP elements into from a stack using pointers.

4. Write a C program to insert/delete from rear/front into a queue using arrays.

5. Write a C program to insert/delete from rear/front into a queue using pointers.

6. Write a C program to son the elements of an array using quick sort.

7. Write a C program to search for an element (using functions) in an array using linear search.

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