ETP001

III Semester B Tech (Electronics) Examinations, August 2011

DATA STRUCTURE LAB

Time: 3 Hours   **Max Marks: 75**

Instruction: (1) Answer all Questions in Part - A and either (a) or (b) in Part- B

(2) Each Question carries 5 (five) marks in Part-A and 50 (Fifty) marks in Part-B

PART-A

1. What is meant by array? Explain..
2. Explain linked list with suitable example.
3. Write a simple program to find factorial of N numbers.
4. Explain Binary searching tree.
5. What is meant by stack? Explain.

PART-B

6. a) Write a simple program to add two matrix using array concept

(or)

b) Write a simple program using Quick sort