

**Advanced Diploma in Information Technology (ADIT) /
Bachelor in Information Technology (BIT)**

Term-End Practical Examination

June, 2007

CST-103P : DATA STRUCTURES AND ALGORITHMS

Time : 1 Hour

*Maximum Marks : 30
(Weightage : 25%)*

Note : *There are two questions in this paper of 10 marks each. Both are **compulsory**.
10 marks are for viva-voce.*

1. Write a program in 'C' for the addition of two polynomials. 10

2. Write a program in 'C' that accepts 10 integers as input and sorts them in ascending order using the technique of quick sort. Use recursion. 10