

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

**Term-End Practical Examination**

**December, 2007**

**CST-103P : DATA STRUCTURES AND ALGORITHMS**

*Time : 1 Hour*

*Maximum Marks : 30*

*(Weightage : 25%)*

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

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1. Write a program in 'C' language that accepts the name of a file as input and prints the contents of that file in reverse order. 10
  
2. Write a program in 'C' language to compute the factorial of the input integer. 10

