

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

Term-End Practical Examination

June, 2007

CST-201P : COMPONENT PROGRAMMING

Time : 1 Hour

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

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

1. Write a program in C++ to change the case of the entered string. (Your program should not use the standard library functions toupper/tolower) 10
example User Input : amit
Output : AMIT

2. Write a program in C++ that can search a string pattern in the string entered by the user. 10
example Name Entered : "SHYAM"
Search for pattern : "AM"
Output : pattern AM occurred at 4th place in SHYAM.