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

## Term-End Practical Examination　　　00251

## June, 2010

### CST-101P : FOUNDATION IN INFORMATION TECHNOLOGY

*Time allowed : 1 hour*　　　　　　　　　　　　　　*Maximum Marks : 30*
　　　　　　　　　　　　　　　　　　　　　　　　　　*(Weightage : 25%)*

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

1. Perform the following operations using UNIX/LINUX command(s) :　　　10

   (a) Find the help about 'who' command.

   (b) Show the directory listing of root directory.

   (c) Create a second name for a file.

   (d) Change permission of a file to Read only for everyone.

   (e) Create a process in the background.

   (f) Kill the process that was created at part (e).

   (g) Create a file containing 4 lines using any editor.

   (h) Find the number of lines that contain word "IGNOU" in a file.

   (i) Cut a file such that characters from column 1 to 5 are displayed.

   (j) Print a file, if printing is not possible then write this command.

2. Write a shell program that takes a file name as a parameter and prints the contents of　10
   the file in upper case, if the file exists.

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