

**BACHELOR OF COMPUTER APPLICATIONS (BCA)**  
**(PRE - REVISED)**

00454

**Term-End Practical Examination**

**December, 2013**

**CS-63(P) : INTRODUCTION TO SYSTEM SOFTWARE**

*Time allowed : 2 hours*

*Maximum Marks : 100*  
*(Weightage : 15%)*

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*Note : There are 2 questions in this paper. Answer them all. They carry 70 marks. Rest 30 marks are for viva-voce.*

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1. Write a shell program to display the count of number of times a given pattern has occurred in a text file. 30
  
  2. List and execute the following UNIX commands : 5x8=40
    - (a) To change the login password.
    - (b) To move the files from one directory to another.
    - (c) To display the date and time.
    - (d) To display the list of commands previously executed.
    - (e) To count the number of characters, words and lines in a given file.
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