

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

00744

**Term-End Practical Examination**

**December, 2013**

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

*Time allowed : 2 hours*

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

---

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

---

1. Write a shell program to count the number of characters in a file which is created using "cat" command. 30
  
2. List and execute the following UNIX commands : 5x8=40
  - (a) To append two files and direct the contents to a new file.
  - (b) To find the status of various processes on the system.
  - (c) To print the file name and its size.
  - (d) To run a process in the background.
  - (e) To count the number of lines in a given text file.