

**BACHELOR OF COMPUTER APPLICATIONS (Pre-revised)  
(BCA)**

**Term-End Practical Examination**

**June, 2018**

00500

**CS-63(P)/S4 : INTRODUCTION TO SYSTEM SOFTWARE**

*Time : 2 Hours*

*Maximum Marks : 100*

*(Weightage : 15%)*

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- Note :**
- (i) *There are two questions in this paper. Answer them **both**.*
  - (ii) *They carry 70 marks.*
  - (iii) *Rest 30 marks are for viva-voce.*
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1. Write a shell program to count and display the number of characters in a given string (without using the built-in functions). 30
  
  2. List and execute the following UNIX commands : 5×8=40
    - (a) To list all the files/sub-directories in a directory (long-listing manner).
    - (b) To set the file-permissions to r, w, x for all the categories for a selected file.
    - (c) To display last 5 lines of a file.
    - (d) To know the complete information, syntax of any UNIX command.
    - (e) To delete a directory from the existing folder which is empty.
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