

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

**Term-End Practical Examination**

**December, 2017**

00432

**CS-63(P)/S2 : 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 the number of characters in a given string  
(without using built-in function). 30
  
  2. List and execute the following UNIX commands : 5×8=40
    - (a) To execute a command *at* a given time (scheduling).
    - (b) To print the status of various processes.
    - (c) To *wait* for a background program.
    - (d) To terminate a process forcibly.
    - (e) To set command execution priority.
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