

No. of Printed Pages : 2

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CS-63(P)/S4

**Bachelor of Computer  
Application (Pre-Revised) (BCA)  
Term-End Examination  
December, 2018**

**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 no. of characters in a given string. 30
  
2. List and execute the following UNIX commands : 5×8=40
  - (a) To delete any file from a sub-directory.
  - (b) To summarize free space on disk drive.
  - (c) To change the name of any directory.
  - (d) Copy any file from the source path to any of the desired destination path.
  - (e) To show first 5 lines of a text file.