

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

Term-End Practical Examination

00378

June, 2017

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 translate all the characters to upper case in any given text file. 30

 2. List and execute the following UNIX commands : 5×8=40
 - (a) To run calculator process in background.
 - (b) To print calendar for September, 2017.
 - (c) To print the list of commands you have given recently.
 - (d) To see how much free disk space is available.
 - (e) To quit from the UNIX shell.
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