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CS-63(P)/S1

**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 find the sum and average of first “n” natural numbers. 30

2. List and execute the following UNIX commands : 5×8=40
 - (a) To create a file name hello.dat and write “hello world” as file contents and close the file.
 - (b) To stop any process using PID.
 - (c) To count no. of lines in a given text file.
 - (d) To create a file in a sub-directory with name abc.txt.
 - (e) To count no. of files in a given directory.