BACHELOR OF COMPUTER APPLICATIONS (Revised)
(BCA)
Term-End Practical Examination

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June, 2018

BCSL-045(P)/S4 : INTRODUCTION TO ALGORITHM DESIGN LAB

Time : 1 Hour   *Maximum Marks : 50*

Note :   *(i)*   *There are two **compulsory** questions.*

            (ii)   *Each question carries 20 marks.*

            (iii)   *The rest 10 marks are for viva-voce.*

            (iv)   *All programs are to be written in 'C' language.*

1.   Use the Insertion Sort to sort the following list showing all the intermediate steps :

        25 15 5 10 12 7 9 18

     How many swap operations will the loop execute ?   *20*

2.   Write a program to reverse a given string. How many times will the loop and the assignment operations execute ?   *20*

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