BACHELOR OF COMPUTER APPLICATIONS (Revised)
(BCA)
Term-End Practical Examination
December, 2016

BCSL-045(P)/S3 : 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)   Rest 10 marks are for viva-voce.

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

1.   Implement the bubble sort algorithm to sort an array of 10 integer numbers showing the lists obtained at each step :

16 10 20 5 13 4 3 7 27 15

How many times will the loop and the assignment operations execute ?   *20*

2.   Write a program to reverse a given string accepted through a command line argument. How many times will the loop and the assignment operations take place ?   *20*

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