BACHELOR OF COMPUTER APPLICATIONS (Revised)

(BCA)

Term-End Practical Examination

December, 2014

01774

BCSL-045(P)/S2 : 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)   *10 marks are for viva-voce.*

   (iv)   *Programs are to be written in C-language.*

1.   Write a program that finds the sum of all the integers in an array. Calculate the total time complexity of a program.   *20*

2.   Write a program to do sorting of integer numbers through bubble sort algorithm and calculate the worst time complexity.   *20*