BACHELOR OF COMPUTER APPLICATIONS (Revised)
(BCA)

Term-End Practical Examination

00824

December, 2014

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) *10 marks are for viva-voce.*

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

1. Write a program to check whether a string is a palindrome or not and calculate   *20*

    (a) the total number of swap operations.

    (b) how many times the loop will execute.

2. Write a program to find the smallest integer and finite sequence of natural numbers and calculate the total time complexity.   *20*