

BACHELOR IN COMPUTER APPLICATIONS (BCA)

Term-End Practical Examination

007-14

December, 2013

BCSL-045 : INTRODUCTION TO ALGORITHM DESIGN LAB

Time allowed : 1 hour

Maximum Marks : 50

Note : *There are two questions, each carrying 20 marks.
10 marks are for viva-voce.
Programs are to be written in C-language.*

1. Write a program to reverse a string and calculate its time complexity. 20

 2. Sort the data stored in an array in ascending order using selection sort algorithm and calculate total number of comparison operations. 20
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