BACHELOR IN COMPUTER APPLICATIONS (BCA)

Term-End Practical Examination 00014

December, 2013

BCSL-045 : INTRODUCTION TO ALGORITHM DESIGN LAB

Time allowed : 1 hour *Maximum Marks : 50*

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

1. Write a program to organize data stored in an array in ascending order and calculate a number of comparison operations for best case and worst case. **20**

2. Write a program to accept three numbers from the keyboard and find the maximum number. Calculate the number of comparison operations. **20**