

**BACHELOR IN COMPUTER APPLICATIONS (BCA)**

**Term-End Practical Examination**

00135

**June, 2013**

**BCSL-045 : INTRODUCTION TO ALGORITHM DESIGN LAB**

*Time allowed : 1 hour*

*Maximum Marks : 50*

---

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

---

1. Write a linear search program and do comparison for the worst case. 20
  
  2. For the following program fragment find the complexity 20  
for ( $i = 0 ; i < n ; i++$ )
-