

BACHELOR OF COMPUTER APPLICATIONS (Revised)
(BCA)

00063

Term-End Practical Examination

June, 2015

BCSL-045(P)/S2 : INTRODUCTION TO ALGORITHM DESIGN LAB

Time : 1 Hour

Maximum Marks : 50

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- Note :**
- (i) *There are two compulsory questions.*
 - (ii) *Each question carries 20 marks.*
 - (iii) *Remaining 10 marks are for viva-voce.*
 - (iv) *Programs are to be written in 'C' language.*
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1. Implement a selection sort algorithm to sort an array of 10 integer numbers
25 18 12 14 3 30 35 17 4 11
Calculate the number of exchange and comparison operations. 20

2. Write a program to count the number of times an integer number 10 has
occurred in the following array : 20
5, 10, 15, 2, 10, 8, 7, 10, 11