

**BACHELOR OF COMPUTER APPLICATIONS (Revised)
(BCA)**

Term-End Practical Examination

December, 2017

00852

BCSL-045(P)/S3 : 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) *The remaining 10 marks are for viva-voce.*
 - (iv) *All programs are to be written in 'C' language.*
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1. Write a program to check whether a string is a palindrome or not and calculate
 - (a) the total number of swap operations, and
 - (b) how many times the loop will execute. 20

 2. Write a 'C' program to find multiplication of two matrices of order 3×3 and find the total number of assignment, multiplication and addition operations. 20
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