BACHELOR OF COMPUTER APPLICATIONS (Revised)
(BCA)
Term-End Practical Examination

00805

June, 2018

BCSL-045(P)/S3 : INTRODUCTION TO ALGORITHM DESIGN LAB

Time : 1 Hour   *Maximum Marks : 50*

Note : (i)   *There are two **compulsory** questions.*

         (ii) *Each question carries 20 marks.*

         (iii) *The rest 10 marks are for viva-voce.*

         (iv) *All programs are to be written in 'C' language.*

1. Write a program to multiply two matrices of order of 3 × 3 and calculate the total number of comparison, assignment, multiplication and addition operation.   *20*

2. Write a program and determine the number of comparisons required to locate an element in a list of n items with a linear search. How many times will the comparison operations execute ?   *20*

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