BACHELOR OF COMPUTER APPLICATIONS

(BCA)

Term-End Practical Examination

June, 2025

BCSL–045(Set-III) : 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)　Rest 10 marks are for viva-voce.

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

1. Write a C Program to find the factorial of a given number using recursion.　　　20

2. Write a C program to perform basic matrix multiplication (order 2 × 2). Find the total number of addition operation and multiplication take place while computing matrix multiplication. 20

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