

No. of Printed Pages : 1 **BCSL-045(Set-III)**

**BACHELOR OF COMPUTER
APPLICATIONS (BCA)
Term-End Practical Examination
December, 2024**

**BCSL-045(Set-III) : INTRODUCTION TO
ALGORITHM DESIGN LAB**

Time : 1 Hour

Maximum Marks : 50

Note : *There are 2 questions in this paper carrying 20 marks each. Answer both of them. Rest 10 marks are for viva-voce. Programs are to be written in 'C' language.*

1. Write a C program to find the Least Common Multiple (LCM) of two numbers. 20

2. Write a C program to find the sum of all elements in a given array of size N. Also, calculate and display the no. of times the loop statement was executed. 20

x x x x x x x