

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

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

**BCSL-045(Set-I) : 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 count the number of characters and words in a given string. Also, print how many times the 'loop' was executed for the given string. 20

2. Write a C program to count the no. of times element '10' has occurred in the following array : 20

6, 10, 4, 9, 10, 11, 14, 10, 10

x x x x x x x