

No. of Printed Pages : 2 **BCSL-021(Set-II)**

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

Term-End Practical Examination

December, 2024

**BCSL-021(Set-II) : C LANGUAGE PROGRAMMING
LAB**

Time : 1 Hour

Maximum Marks : 50

Note : (i) *There are two questions in this paper.
Answer both of them.*

(ii) *They carry 40 marks.*

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

1. Write a C program to calculate the electricity bill passed on the following conditions : 20
 - (i) If the total units consumed are less than or equal to 100, then rate is ₹ 1.50 per unit.
 - (ii) For the next 100 units (101-200), the rate is ₹ 3 per unit.
 - (iii) Beyond 200 units, the rate is ₹ 4 per unit.

[2]

The program should allow to input the total units consumed and calculate the total bill amount.

2. Write a C program to compare two strings entered by the user (lexicographically) without using the built-in string function. 20

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