

Roll No.

(12/24)

60501

**B.C.A.-(SM-Four Year Degree
Programme) EXAMINATION**

(For Batch 2024 & Onwards)

(First Semester)

PROGRAMMING WITH C

BCA/SM/1/DSC/101

Time : Two Hours

Maximum Marks : 35

Note : Question No. 1 is compulsory. Each part carries 1 Mark. Question No. (2 to 5). Attempt two questions in all by selecting *one* question from each Unit.

1. (a) Define array with the help of example.

- (b) How low level language is different from high level language ?
- (c) Write the example of union.
- (d) Define conditional operator.
- (e) Explain continue statement in C-programming language.
- (f) Difference between identifier and keywords in C language.
- (g) Describe the bit wise operator through example. $7 \times 1 = 7$

Unit I

- 2. What is an algorithm ? How is it different from pseudo code and flowcharts describe through suitable examples ? 14
- 3. Write the importance of data types also explain the different types of operators of C language. 14

Unit II

- 4. Differentiate between for, while & do-while loops with the help of C code. 14
- 5. How one dimensional array is different from two-dimensional array also write a program to perform matrix multiplication using 2D array. 14