

No. of Printed Pages : 2 **BCSL–034(Set-IV)**

**BACHELOR OF COMPUTER
APPLICATIONS (BCA)**

Term-End Practical Examination

December, 2024

**BCSL–034(Set-IV) : DATABASE MANAGEMENT
SYSTEMS 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.*

1. Create a database name 'StudentInfoDB'.
Design tables STUDENT(StudentID, Name, Age, Gender, email address, mobile) and ENROLS_IN(EnrolID, StudentID, CourseID, Semester).

Select appropriate data types for each of the fields. Identify the primarykey etc. Input meaningful data for at least 10 records for each table.

20

[2]

2. For the above tables created in Q1, answer the following queries using SQL : $4 \times 5 = 20$

- (a) List all the students along with their details.
- (b) Display students by age group.
- (c) Identify all students with CourseID = C012
- (d) List all the 'Female' students.

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