

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

**BACHELOR OF COMPUTER
APPLICATIONS (BCA)**

Term-End Practical Examination

December, 2024

**BCSL-034(Set-III) : 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 'ProductCatalogDB'.
Design tables PRODUCT(ProductID, Name, Description, Price, Category) and CUST-REVIEWS(ReviewID, ProductID, CustomerID, Rating, Comment).

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 products with their details.
- (b) Show products in a specific category.
- (c) Display products sorted by price, in ascending order.
- (d) To retrieve products with a price range of > 500 and < 1000 (price in INR).

× × × × × × ×