



RAN-2508000604020115

S.Y.B.Com. (Data Science) (Sem. IV) Examination October - 2025 Database Management System - (Th)

[Total Marks: 25

સૂચના : / Instructions

- (1) ઉપરોક્ત દર્શાવેલ વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the above details on your answer book

Seat No.:

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Student's Signature

Q-1. Short Questions: (Any 5) (10 Mark)

- 1) Define attribute with example.
- 2) Define candidate key.
- 3) Write query for: Rename the table BRANCH as BRANCH_DETAILS.
- 4) What is Join?
- 5) List out the types of keys?
- 6) What is a subquery?
- 7) What are aggregate functions in SQL?

Q-2. Answer the following in details (Any 3) (15 Mark)

- 1) Explain DBMS objective, components, advantages and disadvantages
- 2) Types of SQL Statements DDL and DML.
- 3) What is a Index? Explain types of index.
- 4) Discuss Aggregate function and String function
- 5) What is Functional dependencies? Explain Armstrong's inference rule.