

BCAdbMJ207x-3C
B.C.A Semester - 3 (NEP-2020) Examination
OCT/NOV-2024
DBMS -1 (Major-7)

Seat No : _____

Time: 2:00 Hours**Marks: 50****Instructions:**

1. All questions are compulsory.
2. Figures to the right indicate marks.

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- Que-1 Answer the Followings (Any Two) (10)
- 1) Explain: DBMS its advantages and components
 - 2) Explain: DBMS Basic data types
 - 3) Explain: Basic terminology of RDBMS
 - 4) Explain: E. F. Codd Rules
- Que-2 Answer the Followings (Any Two) (10)
- 1) Explain: Types of Normal Forms
 - 2) Explain: Various types of Keys
 - 3) Explain: fundamental operators in relational algebra
 - 4) Explain: Various Data Constraints
- Que-3 Answer the Followings (Any Two) (10)
- 1) Write a detail note on: CRUD operation
 - 2) Explain in detail: DDL and DML
 - 3) Explain in detail: SQL * Plus and its advantages
 - 4) Explain: SQL Operators and Expression
- Que-4 Answer the Followings (Any Two) (10)
- 1) Explain: Logical SQL Operators
 - 2) Write a note on: Various join in SQL
 - 3) Explain: SQL Role Commands
 - 4) Explain: any five date function in SQL
- Que-5 Answer the Followings (Any Two) (10)
- 1) Explain: any five numeric function in SQL
 - 2) Explain: DCL and TCL commands in SQL
 - 3) Explain: Relation and its types
 - 4) Write a note on: Data Models in RDBMS
