



DCBD214

Reg. No.

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II Semester B.Com. (BDA) Degree Examination, June/July - 2025

COMMERCE

Data Base Management System and SQL

(SEP Scheme, Freshers)

Paper : 2.4

Time : 3 Hours

Maximum Marks : 80

**Instructions to Candidates:**

Answers should be written in English only.

**SECTION - A**

Answer any **Five** questions of the following. Each question carries **2** marks. (5×2=10)

1. a. What is Database Management System?
- b. List any two advantages of database systems.
- c. What is data model?
- d. Define primary key.
- e. Name the categories of SQL commands.
- f. What is referential integrity?
- g. Give the limitations of E-R model.
- h. Define Distributed Database Management System.

**SECTION - B**

Answer any **Four** questions of the following. Each question carries **5** marks. (4×5=20)

2. What are the advantages and disadvantages of DBMS?
3. Write short note on data model and its types.
4. Explain aggregate function in SQL with example.
5. Explain DDL and DML.

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6. Explain about Data Definition Language.
7. What are the advantages of distributed databases?

### SECTION - C

Answer any **Three** questions of the following. Each question carries **15** marks.

(3×15=45)

8. Briefly explain about views of data.
9. Explain the overall architecture of database system in detail.
10. Explain distinction among the terms primary key, candidate key, foreign key and super key with suitable example.
11. Explain about SQL fundamentals and six clauses in the syntax of SQL query.
12. Discuss the E-R diagram for banking system.

### SECTION - D

Answer the following question which carries **5** marks.

(1×5=5)

13. Draw an ER Diagram for Company Data Base.
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