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DCBD-203

Reg. No.

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**II Semester B.Com(BDA) Degree Examination July/August - 2024**

**COMMERCE**

**Fundamentals of Database Management System and SQL**

**NEP CBCS Scheme**

**Time : 2½ Hours**

**Maximum Marks :60**

**Instructions to Candidates:**

**Answer should be written only in English**

**SECTION - A**

**1. Answer any Five sub questions . Each sub question carries 2 marks. (5×2=10)**

- What is an Attribute?
- Define Relationship. Give an Example
- What is Object oriented Data Model?
- What do you mean by Database Scheme?
- Define Functional Dependency.
- Write any two applications of DBMS.
- What is DBMS ?

**SECTION- B**

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

- What are the types of SQL Constraints? Explain.
- Describe the Three Schema Architecture of DBMS.
- Write any two advantages of Client/ Server Database?
- Explain different notations used in ER Diagram.
- Explain Data Warehousing in detail.

[P.T.O.]



**SECTION - C**

**Answer any TWO questions. Each question carries 12 marks.**

**(2×12=24)**

7. Explain Relational Algebra in detail.
8. Explain Distributed Database in detail.
9. Explain the DDL and DML Commands with Example.

**SECTION - D**

**Answer any ONE questions. Each question carries 6 marks.**

**(1×6=6)**

10. Create STUDENT (Regno, Name, DOB, Sub1, Sub2, Sub3)
    - Create the above table with proper primary key constraint.
    - Insert 5 rows to the table.
    - Add three columns to the table (Total, Average, Result)
  11. Explain the different types of Relationship in Relational data model.
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