

B.C.C.A.- II CBCS Pattern Semester-III  
**UBCCAT303 - Paper-III - Database Management System Concept**

P. Pages : 2

Time : Three Hours



**GUG/S/24/10628**

Max. Marks : 40

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- Notes :
1. All questions are compulsory and carry equal marks.
  2. Draw a neat and labelled diagram and use supported data wherever necessary.
  3. Avoid vague answer and write specific answer related to question.

**Either:**

1. a) Define DBMS. What do you understand by data processing. 4
- b) Write down difference between traditional and DBMS environment. 4

**OR**

- c) List different components of DBMS. Explain in detail. 4
- d) What is database Approach? Write down characteristics of it. 4

**Either:**

2. a) What is Data models? Explain Record Based Logical Model. 4
- b) Explain Relational Database structure in detail with suitable diagram. 4

**OR**

- c) Define Normal form. Explain 3NF in detail. 4
- d) Write down Codd's Rules in detail. 4

**Either:**

3. a) List different elements of an Access database in detail. 4
- b) What is table? Write steps to create table. 4

**OR**

- c) Explain the concept of designing database in MS-Access. Write steps to create database using wizards. 4
- d) Explain different fields type in detail. 4

**Either:**

4. a) What do you understand by Query? Write steps to create a simple Query in MS-Access. 4

- b) Define form in mS-Access. Write procedure to create form. 4

**OR**

- c) What is Report? Create a student information report using following data class, Rollno, Address. Fees. 4

- d) Explain Macro in detail write down the procedure. 4

**5.** Attempt all the questions.

- a) Write a note on DBA. 2

- b) What is Relational Algebra. 2

- c) Define table and Queries. 2

- d) Explain filter using multiple criteria. 2

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