

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
