

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

P. Pages : 2

Time : Three Hours



GUG/W/24/10628

Max. Marks : 40

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- Notes :
1. All questions are compulsory and carry equal marks.
 2. Draw neat, clean and labelled diagram wherever necessary.
 3. Avoid vague answer and write answer relevant and specific to question only.

Either:

1. a) Define DBMS. Write advantages of DBMS. 4
- b) Explain in detail the concept of Data Processing. 4

OR

- c) Differentiate between Traditional and DBMS Environment in detail. 4
- d) What is Database Approach? Write down characteristics of Database approach. 4

Either:

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

OR

- c) What is normalization? List the various advantages of normalization. 4
- d) Explain in detail Codd's 12 Rules. 4

Either:

3. a) Explain the importance of Access in creating Database. Write steps to create database in Access. 4
- b) Explain the following elements of Access in detail. 4
 - i) Tables
 - ii) Queries

OR

- c) Define Table. Write steps to create table using Design view. 4
- d) Write the following terms in detail. 4
 - i) Auto number
 - ii) Date/ time
 - iii) Number
 - iv) Text

Either:

- 4. a) Define Query. Write down procedure to create query. 4
- b) Explain in detail different types of Queries. 4

OR

- c) What is Parameter Query? Write a steps to create a parameter query. 4
 - d) State different uses of Macros in Access with procedure to create and with suitable example. 4
5. Solve all the questions.
- a) What is the Role of Database Administration? 2
 - b) Write Short note on functional dependency. 2
 - c) Write steps to create table by using wizard. 2
 - d) Explain filter using multiple criteria. 2
