

M.C.M. - I (CBCS Pattern) Semester-II
PCMCMT201 - Paper-I : DBMS Concepts

P. Pages : 2

Time : Three Hours



GUG/S/25/10762

Max. Marks : 80

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- Notes :
1. All questions are compulsory and carry equal marks.
 2. Draw neat and labeled diagrams wherever necessary.
 3. Avoid vague answers and write answers relevant and specific to questions only.

Either:

1. a) What is Database Management System? Explain its benefits and Significance. 8
- b) Define Database Administration and it's key Responsibilities in detail. 8

OR

- c) What is Data Abstraction in DBMS? 8
- d) Define Database administrator write its functions. 8

Either:

2. a) Explain the concept of a Record-Based Logical Model. 8
- b) Explain in detail 3NF normal form with example. 8

OR

- c) What is functional Dependency? Explain in detail with giving example. 8
- d) What are different types of Data Models in DBMS? 8

Either:

3. a) How do you create a database using a Wizard in MS-Access? 8
- b) How do you Update records in MS-Access? 8

OR

- c) What is the Role of Queries in MS-Access? 8
- d) Write a detail note on Macros. 8

Either:

4. a) Explain the concept of Filter queries using multiple criteria with giving suitable example. 8
- b) What are Reports, and how are they created in MS-Access? 8

OR

- c) Explain the steps to design a Form in MS-Access. 8
- d) Explain different types of Reports in MS-Access. 8
5. Solve all the questions.
- a) Explain the key characteristics of DBMS. 4
- b) Explain 2NF (Second Normal Form) in short. 4
- c) Write a short note on editing table. 4
- d) Write a procedure to specify criteria in Queries. 4
