

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

P. Pages : 1

Time : Three Hours



GUG/S/23/10762

Max. Marks : 80

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- Notes :
1. All questions are compulsory and carry equal marks.
 2. Draw well labelled diagram wherever necessary.
 3. Avoid vague answer and write relevant answer to questions.

Either :-

1. a) Explain component of DBMS in detail. 8
- b) Explain three tier architecture of DBMS. 8

OR

- c) Explain Role of Database administrator in detail. 8
- d) Discuss characteristics and benefits of DBMS. 8

Either :-

2. a) Write a detail note on Record based logical model. 8
- b) Explain first normal form with suitable example. 8

OR

- c) Explain relational Algebra in detail. 8
- d) Discuss Codd's Rules in detail. 8

Either :-

3. a) Write a procedure to create database and table in MS-Access. 8
- b) Explain data types used in MS-Access. 8

OR

- c) Write a procedure to create table using design view. 8
- d) What is database? Explain how to create Query for creating and inserting row in MS-Access. 8

Either :-

4. a) Explain how you can filter data in MS-Access. 8
- b) What is Query? Explain types of Queries in detail. 8

OR

- c) Write a procedure to create form in MS-Access. 8
- d) Explain different types reports in MS-Access. 8

5. Attempt **all** the questions.
- a) Write a short note on data Abstraction. 4
- b) Explain Data model in brief. 4
- c) Explain macros in short. 4
- d) Write procedure to create report in MS-Access. 4
