

B.Sc. (Information Technology) - I (CBCS Pattern) Semester-II  
**UBITT205.1 - Elective-I Paper-V - Database Management System**

P. Pages : 2

Time : Three Hours



**GUG/S/25/10925**

Max. Marks : 80

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

**Either:**

1. a) Draw and explain three level architecture proposal for DBMS. 8
- b) Give the difference between file based system and DBMS. 8

**OR**

- c) Explain different components of DBMS. 8
- d) What do you mean by Database & Approach? Explain it's objective in detail. 8

**Either:**

2. a) Define Integrity Constraints. Explain any two types with example. 8
- b) Explain Relational Database Model with example. 8

**OR**

- c) What is Normalization? Explain first Normal form. 8
- d) Explain E-R diagram with example. 8

**Either:**

3. a) Define Datatype? Explain different types of datatypes in MS-Access. 8
- b) Explain with example. 8
  - i) Editing Table.
  - ii) Editing Records.

**OR**

- c) Write a process of creating Database from Template. 8
- d) Explain the procedure of the following. 8
  - i) Creating tables using Wizard.

**Either:**

4. a) Define Reports. Write a procedure of Creating a reports. 8
- b) Explain with example: 8
- i) Parameter Query.
- ii) Simple Query.

**OR**

- c) Define Query. Write a procedure of creating query in design view. 8
- d) What do you mean by forms? Explain the process of creating forms in MS-Access. 8
5. Solve all the questions.
- a) Enlist the advantages and disadvantages of DBMS. 4
- b) Explain Codd's 12 Rules. 4
- c) Define Table. Write rules of naming the table. 4
- d) Write a note on import and export database. 4

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