

B.C.A.- I (CBCS Pattern) Semester-II  
**UBCAT205.1 - Elective-I Paper-V - Database Management System with  
MS-Access**

P. Pages : 2

Time : Three Hours



**GUG/S/25/11716**

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 specific answers related to questions.

**Either:**

1. a) List and explain the elements of DBMS. 8
- b) What is Database Administrator? Explain the function of DBA in detail. 8

**OR**

- c) What is DBMS? Explain the characteristics of DBMS. 8
- d) Write a short note on: 8
  - i) DDL
  - ii) DML

**Either:**

2. a) Explain Entity Relationship model in detail. 8
- b) Describe following. 8
  - i) First Normal Form.
  - ii) Third Normal Form.

**OR**

- c) What is Integrity constraints? Explain in detail. 8
- d) Explain Relational model and Network in detail. 8

**Either:**

3. a) List and explain any four Data Types in Ms. Access. 8
- b) Give the step by step procedure to create table using wizard. 8

**OR**

- c) Explain how to edit a table with suitable example. 8
- d) Write a procedure to start MS-Access and creating a Database. 8

**Either:**

- |           |    |  |          |
|-----------|----|--|----------|
| <b>4.</b> | a) | What is Report? Explain the elements of Report in detail.    | <b>8</b> |
|           | b) | What is Query? Explain how to create a query in Design view. | <b>8</b> |

**OR**

- |           |    |   |          |
|-----------|----|---|----------|
|           | c) | Explain how to filter query using multiple criteria.            | <b>8</b> |
|           | d) | What is form? Give the procedure to create a form in MS-Access. | <b>8</b> |
| <b>5.</b> |    | Solve all the questions.  |          |
|           | a) | List the various database users. Explain them in short.         | <b>4</b> |
|           | b) | What is Data model? Explain.                                    | <b>4</b> |
|           | c) | Write a detail note on Hyperlink.                               | <b>4</b> |
|           | d) | Write a procedure to create macros.                             | <b>4</b> |

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