

Bachelor of Computer Application (B.C.A.-I) (CBCS Pattern) Second Semester CBCS  
**UBCAT205.1 Elective-I : Paper-V - Data Base Management System With  
MS-Access**

P. Pages : 2

Time : Three Hours



**GUG/W/18/11716**

Max. Marks : 80

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

**1.** Either:

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|--|----------------|
| a) Explain the terms:                                      | <b>8</b>       |
| i) Entity  | ii) Attributes |
| iii) Relationship  | iv) Records    |
| b) Explain the three level architecture proposals in DBMS. | <b>8</b>       |

**OR**

- |  |          |
|--|----------|
| c) What are the different components of the DBMS system? | <b>8</b> |
| d) Explain the different types of view in DBMS system.   | <b>8</b> |

**2.** Either:

- |   |          |
|---|----------|
| a) Explain E-R Diagram for Library Management System.         | <b>8</b> |
| b) Explain the Relational Model with suitable data & example. | <b>8</b> |

**OR**

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|--|----------|
| c) Explain normalization? Explain any two types of Normal forms. | <b>8</b> |
| d) Write and explain the Codd's Rule.                            | <b>8</b> |

**3.** Either:

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|---|----------|
| a) Explain domain relational calculus.                  | <b>8</b> |
| b) Write a procedure to create a database using wizard. | <b>8</b> |

**OR**

- |  |          |
|--|----------|
| c) Write a procedure for the following operation.      | <b>8</b> |
| i) Copying selected records into another database.     |          |
| ii) Deleting the range of records.                     |          |
| d) What do you mean by Editing Table & Editing Record. | <b>8</b> |

4. Either:
- a) What do you mean by Query? Write any two types of queries supported by MS-Access? 8
  - b) What do you mean by Report? Write a procedure to create a Report in MS-Access? 8

**OR**

- c) What are macros? Write a procedure to run specific reports using macros? 8
- d) What do you mean by Forms? Write a procedure to create a form in MS-Access. 8

5. Solve all the questions.

- a) What are the characteristics of DBMS? 4
- b) Explain the Entity-Relationship model. 4
- c) Write a procedure to create a table using wizard. 4
- s) Write a procedure to find duplicate records in a table. 4

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