

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

P. Pages : 2

Time : Three Hours



GUG/W/24/11716

Max. Marks : 80

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

Either:

1. a) What are the benefits of DBMS over traditional file system? Explain. 8
- b) Explain three level Architecture in DBMS. 8

OR

- c) Explain the advantages and disadvantages of DBMS. 8
- d) List and explain different components of DBMS. 8

Either:

2. a) Explain Hierarchical Database structure with advantages and disadvantages. 8
- b) What is functional Dependency? Explain. 8

OR

- c) Define Attributes. Explain different types of attributes. 8
- d) Explain E-R diagram with example. 8

Either:

3. a) Explain the features of MS-Access. 8
- b) Write a procedure for- 8
 - i) Insert a Record
 - ii) Delete a Record

OR

- c) Define table. Write a procedure to create table using Design view. 8
- d) Explain following field types- 8
 - i) Number
 - ii) Text
 - iii) Date/Time
 - iv) Auto number

Either:

- 4. a) What do you mean by form? Write a procedure to create a form in MS-Access. 8
- b) Explain following Action query with example- 8
 - i) Delete
 - ii) Update

OR

- c) What is cross tab query? Write a procedure to create cross tab query. 8
- d) Explain the concept of specifying a criteria in queries. 8

- 5. Solve all the questions.
 - a) Explain the role of DBA. 4
 - b) Write a note on- 4
 - i) Entity
 - ii) Entity set
 - c) Write a procedure to create database. 4
 - d) Write a note on printing a Report. 4
