

B.C.C.A. - II (CBCS Pattern) Semester-III
UBCCAT303 - Database Management System Concept Paper-III

P. Pages : 2

Time : Three Hours



GUG/W/24/10628(S)

Max. Marks : 40

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

Either :

1. a) List and explain the various functions of DBA in detail. 4
- b) Explain three level architecture of DBMS in detail. 4

OR

- c) Write a detail note on database approach. 4
- d) Discuss data processing in detail. 4

Either :

2. a) Write a note on following 4
 - 1) Entities
 - 2) Entity set
 - 3) Attributes
 - 4) Relationship
- b) What are keys? Explain its types with suitable example. 4

OR

- c) Explain network model with its advantages and disadvantages. 4
- d) Describe the First Normal Form (1NF) with example. 4

Either :

3. a) List and explain the features of MS-Access. 4
- b) Explain the various database objects supported by MS-Object. 4

OR

- c) What is table? How to create tables in design view? 4
- d) Explain the various data types supported by MS-Access. 4

Either :

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|-----------|----|--|----------|
| 4. | a) | What is query? Write different types of queries in MS-Access. | 4 |
| | b) | Explain the term forms? Write a procedure to create a form in MS-Access. | 4 |

OR

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|-----------|----|---|----------|
| | c) | Write a detail note on Report. | 4 |
| | d) | Write a procedure to open a table in design view using macros. | 4 |
| 5. | | Solve all the questions. | |
| | a) | What are the advantages and disadvantages of DBMS? | 2 |
| | b) | Explain the fundamental operations in Relational algebra. | 2 |
| | c) | Write a procedure to find and replace data. | 2 |
| | d) | List various wild card characters supported by MS-Access. Explain in short. | 2 |
