UBCCAT303 - Paper-III : Database Management System Concept

P. Pages : 2

Time : Three Hours

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5 8 0 1

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 supported data wherever necessary.
3. Avoid vague answer and write specific answer related to question.

Either:

1. a) Explain in detail Basic terminology of DBMS. Write down advantages of DBMS. **4**

   b) What is database approach? What are the objective of database approach. **4**

OR

   c) Explain three tier Architecture in detail with suitable example. **4**

   d) What is DBA? Explain the role of DBA. **4**

Either:

2. a) Explain in detail record based logical model with the help of suitable diagram. **4**

   b) What is data models? List different types of data models. **4**

OR

   c) Describe functional dependency in detail. **4**

   d) Explain 1NF in detail with suitable examples. **4**

Either:

3. a) Define table write steps to edit table. **4**

   b) Write short note on. **4**

   i) Auto number

   ii) Data / time

   iii) Number

   iv) Text

OR

   c) Write note on **4**
   i) Queries   ii) Forms

   d) Explain the concept of designing database in detail in MS-Access. **4**

Either:

4. a) Explain the concept of filtering data in detail. **4**

b) Describe different types of queries in detail. **4**

OR

c) What is farm? Explain the uses of form in MS-Access and write steps to create a farm. **4**

d) Define reports of MS-Access write advantages of creating reports. **4**

5. Attempt all the question.

a) Write down benefits of database approach. **2**

b) What is Normalization. **2**

c) Write steps to create table in access. **2**

d) How to specify criteria in queries? **2**

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