Post Graduate Diploma in Computer Commercial Applications (PGDCCA-CBCS)
Second Semester CBCS
PCCCAT201 - Paper-I : DBMS Concepts

P. Pages : 2

Time : Three Hours

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* 3 8 5 7 *

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 wherever necessary.
3. Avoid vague answers and write specific answer related to questions.

1. Either

   a) What are the various cost and risk associated with database approach? **8**

   b) Explain DBMS Environment in detail. **8**

OR

   c) List the advantages and disadvantages of 3-tire architecture. **8**

   d) Explain the types of database in detail. **8**

2. Either

   a) Draw an E-R diagram for Library Management system. **8**

   b) Explain First normal form with suitable example. **8**

OR

   c) Explain functional dependency in detail. **8**

   d) Explain Hierarchical database structure in detail. **8**

3. Either

   a) Write and explain the characteristics and features of MS-Access in brief. **8**

   b) How to create a Database from a blank database? Explain creating a database from a template. **8**

OR

   c) Explain the concept of MACROS in brief. **8**

   d) Write a procedure to create a Table using calculated field data type. **8**

4. Either

   a)   What is the Purpose of Query? Explain in brief with suitable example.   **8**

   b)   Write and explain the steps to create Report by using Wizard.   **8**

<div align="center">OR</div>

   c)   Write a note on   **8**

         i)   Specifying Criteria Queries

         ii)   Parameter Query

   d)   Write and explain the procedure to create form by using wizard with suitable example.   **8**

5.   Solve all the questions.

   a)   Write note on Database Approach.   **4**

   b)   Explain Relational Database structure.   **4**

   c)   What is the purpose of Yes/No field? Explain its importance with suitable example.   **4**

   d)   Write note on Relational operator.   **4**

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