davv bca question papers

April-May 2002

Bachelor of Computer Application (BCA) Examination

IV Semester

Data Base Management System

Time 3 Hours]   [Max. Marks 25

Note: Attempt all questions.

1. What is DBMS ? Explain the significance of DBMS for any commercial organisation

OR

    What is DBMS ? Explain hierarchical model of DBMS .

2. What is E-R modeling ? Also expiain different types of entitities

OR

    E-R modeling plays vital role in the design of databases. Explain. Also explain how an E-R Schema can be reduced into a table.

    E-R Schema can be reduced into a table

3. Solve following Queries: (Make suitable assumptions of column name and table name

    (a) List employees belonging to department of 'Miller'

    (b) List names of employees drawing highest salary.

OR

    Write SQL to create a table with following columns :

    (1) Itno   Number (5)   Primary Key
    (2) ROL   Number (5)   Not Null
    (3) RATE   Number (7.2)   Not Null.

4. Write SQL to perform following:

    (a) To update the Item Table and Set QOH column to 150

    (b) To alter the Emp-Table and Set the size of SQL column to (7, 2).

    (c) To create a new user.

OR

    What is DCL ? Also explain following terms:

    (a) Granting   (b) Revoking   (c) User Roles

5. What are different integrity constraints? Expiain with suitable example.

OR

    Explain the Relational Approach of DBMS. Write 5 Coda 's rules for RDBMS.

* * *