Q1) Attempt any FOUR questions: (20)

    1) Explain the benefits of database system over file system ?

    2) Explain the level of abstraction?

    3) What is relational database model ?

    4) Explain importance of data model in DBMS?

    5) Explain in detail ER model

    6) Write short note on Super class?

    7) What are the disadvantages of file processing system?

    8) Draw an ER diagram for the hospital management system this system consists of doctor, receptionist, prescrioptions , patients?

Q2) Attempt any FOUR questions: (20)

    1) Explain the types of Normalization ?

    2) What is Projection Operation ?

    3) Explain various DML statement ?

    4) What are the Various types of Constraints in RDBMS ?

    5) Define the following terms: (a)Create command   (b) Alter command

    6) Explain order by clause with example ?

    7) Write short note on RDBMS?

    8) There exsists a table called student containing columns roll no, student name, date of birth, address, gender, phone number . Wriate mysql statements for the following:

        i) Disjplay the structure of the table.   ii) add a column called course

        iii) rename the column course as cs   iv) Delete the table   student.

Q3) Attempt any FOUR questions: (20)

    1) Write short note on dropping a view ?

    2) explain various numeric functions in mysql?

    3) How to create a View ?

    4) Explain the various date function of mysql?

    5) What is vertical view?

    6) Explain with the help of example how to update a view?

    7) What are the rules to be followed in multi table queries?

    8) Explain any five string function in mysql?

Q4) Attempt any THREEquestions: (15)

    1) Write short on hierarchical model?

    2) Explain the various user of DBMS?

    3) Explain with the help of example Select clause in my sql?

    4) Create an ER diagram for bank where customer having entities customer, account and branches, where customer can open many accounts in many branches. An account can belong to more than one customer.

    5) Write a statement in mysql for the following: (a) display the names of all the databases. (b)T o create a database college. (c) To select the database college. (d) To see the list of tables in the current database. (e) To see the list of tables in the database college.

    6) With the help of example, Explain Rename Operation in my-sql ?