Sri
SAI RAM
ENGINEERING COLLEGE
INSTITUTE OF TECHNOLOGY

West Tambaram, Chennai - 44

YEAR	SEM
II	**IV**

CS 8492

DATABASE MANAGEMENT SYSTEMS
(Common to CSE & IT)

UNIT NO. 1

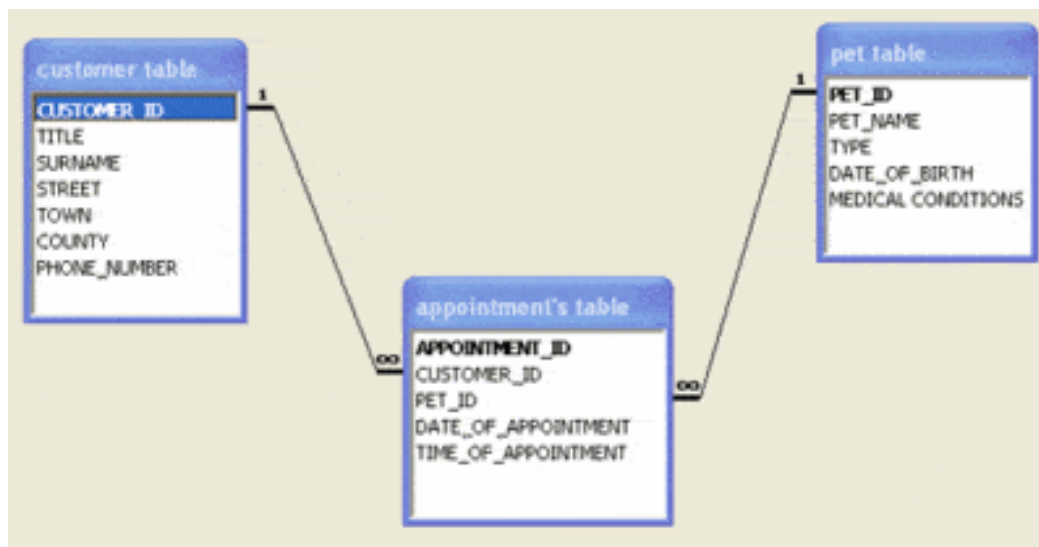# 1.4 INTRODUCTION TO RELATIONAL DATBASES

Version: 1.0

1. What is a relational database?

   a) **A relational database organizes data into tables, and links them together, based on key-fields. These relationships enable you to retrieve and combine data from one or more tables with a single query**

   b) A relational database arranges data into a tree structure, which is similar to folders and files on a computer.

2. Relational database is _____

   a) Contains a single table

   b) **Two or more linked tables**

   c) Used to create formula's

3.   The following diagram illustrates _____

   a) A flat file database

   b) A source file

   c) A Query

   d) **The relationships between tables**

4. A row in a database is _____

   a) **Record**

   b) Entity

   c) Field

   d) Table

5. A column in a database is _____

   a) Record

   b) Entity

   c) **Field**

   d) Validation

6. A group of related records _____

   a) Filter

   b) **Entity**

   c) Field

   d) Validation

7. A rule to make sure that only reasonable and sensible data is entered **i**s _____

   a) Filter

   b) Query

   c) Verification

   d) **Validation**

8. Which of the following are required to link two tables?

   a) Matching records

b) **Matching fields**

c) **Matching columns**

d) Matching subjects

9. Which of the following functions of an RDBMS are related to its SQL component?

   a) **Modifies a relational database**

   b) Maintains a relational database

   c) Creates applications for relational database

   d) **Manipulates a relational database**

10. RDBMS is an _____

   a) Relational Database

   b) Relational Database Merging System

   c) **Relational Database Management System**

   d) Relational Database Manipulation System