



Provincial Education Department Sabaragamuwa – Weekly School

Information and Communication Technology

Week - 02

Grade 13

**Prepared -by Madhavi Dayathilaka
Sivali Central College**

Competency Level 8.2: Describes the main components of the relational database model

1. Simply explain what a relational database is.
2. Briefly explain the following three components of a relational database.
 - a. Field
 - b. Record
 - c. Table
3. Briefly explain the following properties of a table.
 - a. Name
 - b. Degree
 - c. Cardinality
4. Briefly explain why constraints are needed when designing tables in a database.
5. Explain the following constraints using examples.
 - a. A NOT NULL constraint
 - b. A unique constraint
 - c. A primary key constraint
 - d. A foreign key constraint
 - e. A (table) check constraint