1. What is stored in the database?

* All kinds of data are stored in a database

1. What are data?

* Data are unorganized raw facts

1. What is information?

* When data is extracted from a database and processed in some way, it’s called information

1. What does DBMS stands for and what is it?

* DBMS stands for Database Management System. A DBMS is a group of software programs that control the storage, organization and retrieval of data in a database.

1. What is a relational database?

* A relational database is an organized collection of related tables containing data that can be manipulated or joined to provide information to the users

1. What is a Null value?

* If a field in a database doesn’t have a value or if it’s missing it’s called null value.

1. What does SDLC stands for?

* Software Development Life Cycle

1. What are the phases of SDLC?

* The phases are given below:

Requirement gathering and analysis

Design

Implementation & coding

Testing

Deployment

Maintenance

1. What is an entity relationship diagram (ERD)?

* An entity relationship diagram (ERD) is graphical representation of the proposed database and is the result of the data modeling process.

1. What is normalization?

* Normalization is a technique that is used to eliminate redundancy and other anomalies in a database.

1. What is a relational data model?

* The relational data model is the transformation of the entity relationship diagram representing entities, attributes and relationships into a relational data model representing database tables, columns, and relationships between tables.

1. How many normal forms are usually required by industry?

* Three normal forms are usually required by industry

1. What are the four categories of SQL commands?

* 1. DDL (Data Definition Language)

2. DML (Data Manipulation Language)

3. DCL (Data Control Language)

4. TCL (Transaction Control Language)

1. Which SQL category is used to build the database?

* DDL (Data Definition Language)

1. Which SQL category is used to modify the contents of data in the database?

* DML (Data Manipulation Language)