WORKSHEET 7 SQL

Q1 and Q2 have one or more correct answer. Choose all the correct option to answer your question.

1. The primary key is selected from the

Ans=B. Candidate keys

1. Which is/are correct statements about primary key of a table?

Ans=B. Primary keys cannot contain NULL values…

Q3 to Q10 have only one correct answer. Choose the correct option to answer your question.

1. Which SQL command is used to insert a row in a table?

Ans=C. Insert

1. Which one of the following sorts rows in SQL?

Ans=C. ORDERBY

1. The SQL statement that queries or reads data from a table is

Ans=C. SELECT

1. Which normal form is considered adequate for relational database design?

Ans=C. 3NF

1. SQL can be used to

Ans=C. All of the above can be done by SQL

1. SQL query and modification commands make up

Ans=B. DML

1. The result of a SQL SELECT statement is a(n)

Ans=B. Table

1. Second normal form should meet all the rules for

Ans=A. 1 NF

Q11 to Q15 are subjective answer type questions, Answer them briefly.

1. What are joins in SQL?

Ans=(INNER) JOIN : Returns records that have matching values in both tables.

LEFT (OUTER) JOIN : Returns all records from the left table, and the matched records from the right table.

1. What are the different types of joins in SQL?

Ans=Different Types of SQL JOINs

(INNER) JOIN : Returns records that have matching values in both tables.

LEFT (OUTER) JOIN : Returns all records from the left table, and the matched records from the right table.

RIGHT (OUTER) JOIN : Returns all records from the right table, and the matched records from the left table.

1. What is SQL Server?

Ans=

SQL SERVER is a relational database management system (RDBMS) developed by Microsoft. It is primarily designed and developed to compete with MySQL and Oracle database.

SQL Server supports ANSI SQL, which is the standard SQL (Structured Query Language) language. However, SQL Server comes with its own implementation of the SQL language, T-SQL (Transact-SQL).

14.What is primary key in SQL?

Ans=The PRIMARY KEY constraint uniquely identifies each record in a table. Primary keys must contain UNIQUE values, and cannot contain NULL values. A table can have only ONE primary key; and in the table, this primary key can consist of single or multiple columns (fields).

15.What is ETL in SQL?

Ans=ETL stands for Extract, Transform and Load, which is a process used to collect data from various sources, transform the data depending on business rules/needs and load the data into a destination database.