

SQL Worksheet 7

Q1- The primary key is selected from the?

Answer- B) Candidate keys

Q2- Which is/are correct statements about primary key of a table?

Answer-B) Primary keys cannot contain NULL values...

C)A table can have only one primary key with single or multiple fields...

Q3- Which SQL command is used to insert a row in a table?

Answer-C) Insert

Q4- Which one of the following sorts rows in SQL?

Answer- ORDERBY

Q5- The SQL statement that queries or reads data from a table is

Answer-C)SELECT

Q6- Which normal form is considered adequate for relational database design?

Answer-C)3NF

Q7- SQL can be used to

Answer-C) All of the above can be done by SQL

Q8- SQL query and modification commands make up

Answer-B) DML

Q9- The result of a SQL SELECT statement is a(n).

Answer- B)Table

Q10- Second normal form should meet all the rules for

Answer- 1 NF

Q11- What are joins in SQL?

Answer- SQL Join statement is used to combine data or rows from two or more tables based on a common field between them.

Q12- What are the different types of joins in SQL?

Answer- Here are the different types of the JOINS in SQL:

1. **(INNER) JOIN**: Returns records that have matching values in both tables
 2. **LEFT (OUTER) JOIN**: Returns all records from the left table, and the matched records from the right table
 3. **RIGHT (OUTER) JOIN**: Returns all records from the right table, and the matched records from the left table
 4. **FULL (OUTER) JOIN**: Returns all records when there is a match in either left or right table
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Q13- What is SQL Server?

Answer- SQL Server is a relational database management system, or RDBMS, developed and marketed by Microsoft that supports a wide variety of transaction processing, business intelligence and analytics applications in corporate IT environments.

Q14- What is primary key in SQL?

Answer- 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).

Q15- What is ETL in SQL?

Answer- **ETL stands for Extract, Transform and Load.** These are three database functions that are combined into one tool to extract data from a database, modify it, and place it into another database. More specifically, the process of extracting data consists of reading data from a database.