

SQL Worksheet

1. The primary key is selected from the

- A. Composite keys
- B. Candidate keys
- C. Foreign keys
- D. Determinants

Answer: B, C. Primary keys are selected from candidate keys and foreign keys.

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

- A. Primary keys can contain NULL values.
- B. Primary keys cannot contain NULL values...
- C. A table can have only one primary key with single or multiple fields....
- D. A table can have multiple primary keys with single or multiple fields.

Answer: B, C. A primary key cannot contain NULL values and a table can have only one primary key with single or multiple fields.

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

- A. Select
- B. Create
- C. Insert
- D. Drop

Answer: C. Insert

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

- A. SORTBY
- B. ALIGNBY
- C. ORDERBY
- D. GROUPBY

Answer: C. ORDERBY

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

- A. QUERY
- B. READ
- C. SELECT
- D. QUERY

Answer: C. SELECT

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

- A. 1NF
- B. 2NF
- C. 3NF
- D. 4NF

Answer: C. 3NF

7. SQL can be used to

- A. Create database structures only
- B. Modify database data only
- C. All of the above can be done by SQL
- D. Query database data only

Answer: D. Query database data only

8. SQL query and modification commands make up

- A. DDL
- B. DML
- C. HTML
- D. XML

Answer: B. DML

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

- A. File
- B. Table
- C. Report
- D. Form

Answer: B. Table

10. Second normal form should meet all the rules for

- A. 1 NF
- B. 2 NF
- C. 3 NF
- D. 4 NF

Answer: A. 1 NF

11. Joins in SQL are used to combine data from two or more tables based on a related column between them.

12. The different types of joins in SQL are: Inner Join, Left Join, Right Join, and Full Outer Join.

13. SQL Server is a relational database management system (RDBMS) developed by Microsoft. It is used to manage and store data in a structured format.

14. A primary key in SQL is a column or set of columns that uniquely identifies each row in a table. It is used to enforce data integrity and to establish relationships between tables in a database.

15. ETL stands for Extract, Transform and Load. It is the process of extracting data from one or more sources, transforming it to fit the needs of the target system, and loading

it into the target system. It is commonly used to move data between data warehouses, data lakes, and other systems for analysis and reporting.