

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

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

ANS:- B. Candidate 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.

ANS:- B. Primary keys cannot contain NULL values...

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

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

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

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

ANS:- C. Insert

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

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

ANS:- A. SORTBY

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

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

ANS:- C. SELECT

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

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

ANS:- 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

ANS:- D. Query database data only

8. SQL query and modification commands make up

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

ANS:- D. XML

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

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

ANS:- B. Table

10. Second normal form should meet all the rules for

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

ANS:- B. 2 NF

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

11. What are joins in SQL?

ANS:- A join is an SQL operation performed to establish a connection between two or more database tables based on matching columns, thereby creating a relationship between the tables. Most complex queries in an SQL database management system involve join commands. There are different types of joins.

12. 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.

13. What is SQL Server?

ANS:- The SQL Server is a relational database management system from Microsoft. The system is designed and built is to manage and store information. The system supports various business intelligence operations, analytics operations, and transaction processing.

14. What is primary key in SQL?

ANS:- The primary key in SQL is a single, or a group of fields or columns that can uniquely identify a row in a table. Putting it simply, it is a column that accepts unique values for each row.

15. What is ETL in SQL?

ANS:- ETL, which stands for extract, transform and load, is a data integration process that combines data from multiple data sources into a single, consistent data store that is loaded into a data warehouse or other target system.