

SQL-WORKSHEET 7

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 and C

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. GROUPLY

Ans: C. ORDERBY

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: C. All of the above can be done by SQL

8. SQL query and modification commands make up

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

Ans: B. DML

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: A NF

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

11. What are joins in SQL?

Ans-Join clause is used to combine rows from two or more tables based on a common field between them.

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

Ans-INNER JOIN, LEFT JOIN ,RIGHT JOIN, FULL JOIN

13. What is SQL Server?

Ans-SQL is a relational database management system. SQL server is built on top of SQL, a standard programming language for interacting with relational databases. It is tied to Transact -SQL

14. What is primary key in SQL?

Ans-Primary key constraint uniquely identifies each record in a table. They must contain unique values and cannot contain Null values. A table can have only one primary key. Primary can contain single or multiple columns.

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 needs and load the data into a destination database.