

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
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.

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
 4. Which one of the following sorts rows in SQL?
 - A. SORTBY
 - B. ALIGNBY
 - C. ORDERBY**
 - D. GROUPBY
 5. The SQL statement that queries or reads data from a table is
 - A. QUERY
 - B. READ
 - C. SELECT**
 - D. QUERY
 6. Which normal form is considered adequate for relational database design?
 - A. 1NF
 - B. 2NF
 - C. 3NF**
 - D. 4NF
 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
-

8. SQL query and modification commands make up
 - A. DDL
 - B. DML**
 - C. HTML
 - D. XML
9. The result of a SQL SELECT statement is a(n).
 - A. File
 - B. Table**
 - C. Report
 - D. Form
10. Second normal form should meet all the rules for
 - A. 1 NF
 - B. 2 NF**
 - C. 3 NF
 - D. 4 NF

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

11. What are joins in SQL?

Answer: As the name shows, JOIN means to combine something. In case of SQL, JOIN means "to combine two or more tables".

The SQL JOIN clause takes records from two or more tables in a database and combines it together.

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

Answer: Five types of JOINS: 1) inner join 2) left outer join 3) right outer join 4) full outer join and 5) cross join.

13. What is SQL Server?

Answer: The relational database management system (RDBMS) is a Microsoft software product mainly used to store and retrieve data for the same or other applications. We can run these applications on the same computer or a different one.

14. What is primary key in SQL?

Answer: A column or columns is called primary key (PK) that uniquely identifies each row in the table. If you want to create a primary key, you should define a PRIMARY KEY constraint when you create or modify a table. When multiple columns are used as a primary key, it is known as composite primary key.

15. What is ETL in SQL?

Answer: 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.
