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 **Ans: B. Candidate keys**

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

2. Which is/are correct statements about primary key of a table? **Ans: B and C**
   - 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? **Ans: C. Insert**
   - A. Select
   - B. Create
   - C. Insert
   - D. Drop

4. Which one of the following sorts rows in SQL? **Ans: C. ORDERBY**
   - A. SORTBY
   - B. ALIGNBY
   - C. ORDERBY
   - D. GROUPBY

5. The SQL statement that queries or reads data from a table is **ANS: C: SELECT**
   - A. QUERY
   - B. READ
   - C. SELECT
   - D. QUERY

6. Which normal form is considered adequate for relational database design? **Ans: C. 3 NF**
   - A. 1NF
   - B. 2NF
   - C. 3NF
   - D. 4NF

7. SQL can be used to **Ans: C**
   - 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 **Ans: B. DML**
   A. DDL
   B. DML
   C. HTML
   D. XML

9. The result of a SQL SELECT statement is a(n). **Ans: B. Table**

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

10. Second normal form should meet all the rules for **Ans: A NF**
    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?
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 bult on top of SQL ,a standard programing 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.Atable 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.