**WORKSHEET 7 SQL**

**Q1 and Q2 have one or more correct answers. 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 the 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?**

A JOIN clause is used to combine rows from two or more tables, based on a related column between them.

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

(INNER) JOIN: Return 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?**

SQL Server is a database server by Microsoft. The Microsoft relational database management system is a software product that primarily stores and retrieves data requested by other applications. These applications may run on the same or a different computer.

**14. What is the primary key in SQL?**

The PRIMARY KEY constraint uniquely identifies each record in a table. Primary keys must contain UNIQUE values, and cannot contain NULL values. A table can have only ONE primary key; and in the table, this primary key can consist of single or multiple columns (fields).

**15. What is ETL in SQL?**

ETL, which stands for “extract, transform, load,” are the three processes that, in combination, move data from one database, multiple databases, or other sources to a unified repository—typically a data warehouse.