

## **WORKSHEET 7 SQL**

- 1. The primary key is selected from the**  
**B. Candidate keys**
- 2. Which is/are correct statements about primary key of a table?**  
**B. Primary keys cannot contain NULL values...**  
**C. A table can have only one primary key with single or multiple fields....**
- 3. Which SQL command is used to insert a row in a table?**  
**C. Insert**
- 4. Which one of the following sorts rows in SQL?**  
**C. ORDERBY**
- 5. The SQL statement that queries or reads data from a table is**  
**C. SELECT**
- 6. Which normal form is considered adequate for relational database design?**  
**C. 3NF**
- 7. SQL can be used to**  
**C. All of the above can be done by SQL**
- 8. SQL query and modification commands make up**  
**B. DML**
- 9. The result of a SQL SELECT statement is a(n).**  
**B. Table**
- 10. Second normal form should meet all the rules for**  
**A. 1 NF**
- 11. What are joins in SQL?**

**SQL Join statement is used to combine data or rows from two or more tables based on a common field between them. Different types of Joins are as follows:**

- INNER JOIN**
- LEFT JOIN**

- **RIGHT JOIN**
- **FULL JOIN**

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

**Different types of Joins are as follows:**

- **INNER JOIN**
- **LEFT JOIN**
- **RIGHT JOIN**
- **FULL JOIN**

**13. What is SQL Server?**

**SQL Server is a relational database management system (RDBMS) developed by Microsoft. It is primarily designed and developed to compete with MySQL and Oracle database. SQL Server supports ANSI SQL, which is the standard SQL (Structured Query Language) language.**

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

**SQL - Primary Key. A primary key is a field in a table which uniquely identifies each row/record in a database table. Primary keys must contain unique values. A primary key column cannot have NULL values. A table can have only one primary key, which may consist of single or multiple fields.**

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

**Extract, transform, and load (ETL) is a data pipeline used to collect data from various sources. It then transforms the data according to business rules, and it loads the data into a destination data store. The transformation work in ETL takes place in a specialized engine, and it often involves using staging tables to temporarily hold data as it is being transformed and ultimately loaded to its destination.**