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
       Answer: 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.

       Answer: Primary keys cannot contain NULL values…
       A table can have only one primary key 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
       Answer: Insert

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

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

6. Which normal form is considered adequate for relational database design?

A. 1NF
B. 2NF
C. 3NF
D. 4NF
Answer: 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

    Answer: 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
       Answer: DML

9. The result of a SQL SELECT statement is a(n).
    A. File
    B. Table
    C. Report
    D. Form
       Answer: Table

10. Second normal form should meet all the rules for
    A. 1 NF
    B. 2 NF
    C. 3 NF
    D. 4 NF
    Answer: 1 NF

Q11 to Q15 are subjective answer type questions, Answer them briefly.
   11. What are joins in SQL?
   Answer: Joins are used to combine two or more table values and forming a new table (view).

   12. What are the different types of joins in SQL?
   Answer: Inner Join, Outer Join, Left Outer Join, Right Outer Join, Full Outer Join

   13. What is SQL Server?
   Answer: It is software for providing a software base for creating, storing and managing all types of data using SQL commands.

14. What is primary key in SQL?

    Answer: Primary key is set of 1 or more columns which can uniquely identify all the rows of the table. Only one primary key can be there in a table and it can not have null values.

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.