Which of the following is/are DDL commands in SQL?

Ans :-Create, ALTER

Which of the following is/are DML commands in SQL?

Ans:-Update ,delete, Select

Full form of SQL is:

Ans: Structured Query Language

Full form of DDL is:

Ans: Data Definition Language

DML is:

Ans: Data Manipulation Language

6. Which of the following statements can be used to create a table with column B int type and C float type?

Ans: Create Table A (B int,C float)

7. Which of the following statements can be used to add a column D (float type) to the table A created above?

Ans: Alter Table A ADD COLUMN D float

8. Which of the following statements can be used to drop the column added in the above question?

Ans: Alter Table A Drop Column D

9. Which of the following statements can be used to change the data type (from float to int ) of the column D of table A created in above questions?

Ans:- Alter table A Column D float to int

10. Suppose we want to make Column B of Table A as primary key of the table. By which of the following statements we can do it?

Ans:- Alter Table A Add Constraint Primary Key B

11. What is data-warehouse?

Ans:- A data warehouse essentially combines information from several sources into one comprehensive database. For example, in the business world, a data warehouse might incorporate customer information from a company's point-of-sale systems (the cash registers), its website, its mailing lists and its comment cards.

12. What is the difference between OLTP VS OLAP?

Ans:- Online transaction processing (OLTP) captures, stores, and processes data from transactions in real time. Online analytical processing (OLAP) uses complex queries to analyze aggregated historical data from OLTP systems.

13. What are the various characteristics of data-warehouse?

Ans:- 1.  Integrated: The way data is extracted and transformed is uniform, regardless of the original source.

2. Time-variant: Data is organized via time-periods (weekly, monthly, annually, etc.).

3.  **Non**-volatile: A data warehouse is not updated in real-time.

14. . What is Star-Schema??

Ans:-Star schema is the fundamental schema among the data mart schema and it is simplest. This schema is widely used to develop or build a data warehouse and dimensional data marts. It includes one or more fact tables indexing any number of dimensional tables. The star schema is a necessary case of the snowflake schema. It is also efficient for handling basic queries.

15. What do you mean by SETL?

Ans:-