

## WORKSHEET\_SQL\_1

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

**ANS. A and D**

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

**ANS. A and B**

3. Full form of SQL is

ANS: B) Structured Query Language

4. Full form of DDL is

ANS: B) Data Definition Language

5. DML is:

ANS: A) 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: C) 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: B) 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: B) 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: B) Alter Table A Alter Column D 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: C) Alter Table A Add Primary key B

11. What is data-warehouse?

ANS: Data Warehouse is a process of collecting and Managing data from various sources to provide insights.

12. What is the difference between OLTP VS OLAP?

ANS: OLTP is online transaction processing which captures, stores and process the data from transactions in real time. OLAP is online analytical processing uses complex queries to analyse the data from OLTP.

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

ANS: Various characteristics of data – warehouse are:

- It is subject oriented
- It is integrated
- It is Time Variant – Data is maintained in time intervals
- Non – Volatile – Data stored in data warehouse is permanent

14. What is Star-Schema?

ANS: Star Schema is a multi dimensional data model used to organise data in a database so that it is easy to understand and analyze.

15. What do you mean by SETL?

ANS: Semantic Extract Transform Load builds on Semantic Web. SETL provides a number of powerful modules, classes and methods for Data Warehouse constructs and Tasks.