WORKSHEET 1 SQL

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

A) Create   B) Update

C) Delete   D) ALTER

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

A) Update   B) Delete

C) Select   D) Drop

3) Full form of SQL is:

A) Strut querying language   B) Structured Query Language

C) Simple Query Language   D) None of them

4) Full form of DDL is:

A) Descriptive Designed Language   B) Data Definition Language

C) Data Descriptive Language   D) None of the above.

5) DML is:

A) Data Manipulation Language   B) Data Management Language

C) Data Modeling Language   D) None of these

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

A) Table A (B int, C float)   B) Create A (b int, C float)

C) Create Table A (B int,C float)   D) All of them

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

A) Table A (D float)   B) Alter Table A ADD COLUMN D float

C) Table A(B int, C float, D float)   D) None of them

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

A) Table A Drop D   B) Alter Table A Drop Column D

C) Delete D from A D) None of them

9) **Which of the following statements can be used to change the data type (from float to int) of the column Dof table A created in above questions?**
A) Table A (D float int) B) Alter Table A Alter Column D int
C) Alter Table A D float int D) 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?**
A) Alter Table A Add Constraint B) Alter table (B primary key)
Primary Key B
C) Alter Table A Add Primary key B D) None of them

11) **What is data-warehouse?**
Data warehouse is a data management system which helps an organization make business decisions. They are meant to perform queries and data analysis and store large amounts of historical data.

12) **What is the difference between OLTP VS OLAP?**

Online analytical processing (OLAP)	Online transaction processing (OLTP)
An online analysis and data retrieving process	It involves online transaction and database modification
Primary objective is data analysis	Primary objective is data processing
It allows to analyse multiple database information at the same time.	It administers day to day transaction of an organization

13) **What are the various characteristics of data-warehouse?**
1. Subject Oriented: It delivers information about a subject instead of the organization's current operation
2. Integrated: The way the data is extracted and transformed is uniform, regardless of the original source
3. Time Variant: Data is maintained via different intervals of time
4. Non-Volatile: Data resided in the data warehouse is permanent

14) What is Star-Schema??

It is a widely used approach to develop data warehouses. It consists of one fact table referencing any number of dimension tables.

15) What do you mean by SETL?

SETL (Semantic Extract Transform Load) is a scalable and high performance ETL system. It can extract, transform and load large scale data into a data warehouse efficiently.