

WORKSHEET 1 SQL

ASSIGNMENT

Q1 and Q2 have one or more correct answer. Choose all the correct option to answer your question.

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

Answer: C) Delete

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

Answer: A) Update B) Delete

Q3 to Q10 have only one correct answer. Choose the correct option to answer your question.

3. Full form of SQL is:

Answer: B) Structured Query Language

4. Full form of DDL is:

Answer: B) Data Definition Language

5. DML is:

Answer: 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?

Answer: 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?

Answer: 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?

Answer: 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?

Answer: 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?

Answer: D) None of them

Q11 to Q15 are subjective answer type questions, Answer them briefly.

11. What is data-warehouse?

Answer:

Data Warehousing collects & integrates data from various sources into one database. It is a system used for reporting and data analysis that can be used to make accurate decisions.

12. What is the difference between OLTP VS OLAP?

Answer: OLTP is an online database query management system. OLAP is an online database modifying system.

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

Answer:

The various characteristics of data-warehouse:-

- 1. It is an efficient way used for the decision-making and forecasting process.**
- 2. It is a form of a Relational Database Management System.**
- 3. It is used for research and collection of data from different sources.**

14. What is Star-Schema??

Answer: Star schema is a multi-dimensional data model used to organize data in a database to understand and analyze data easily.

15. What do you mean by SETL?

Answer: SETL is a very high-level programming language based on the mathematical theory of sets.