

WORKSHEET 1 SQL

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?
- | | |
|-----------|-----------|
| A) Create | B) Update |
| C) Delete | D) ALTER |

ANS:- C) DELETE

2. Which of the following is/are DML commands in SQL?
- | | |
|-----------|-----------|
| A) Update | B) Delete |
| C) Select | D) Drop |

ANS:- D) DROP

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

3. Full form of SQL is:
- | | |
|----------------------------|------------------------------|
| A) Strut querying language | B) Structured Query Language |
| C) Simple Query Language | D) None of them |

ANS:- B) Structured query language

4. Full form of DDL is:
- | | |
|----------------------------------|-----------------------------|
| A) Descriptive Designed Language | B) Data Definition Language |
| C) Data Descriptive Language | D) None of the above. |

ANS:- B) Data Definition Language

5. DML is:
- | | |
|-------------------------------|-----------------------------|
| A) Data Manipulation Language | B) Data Management Language |
| C) Data Modeling Language | D) None of these |

ANS:- A) Data Manipulations language

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

ANS:- 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 |

ANS:- 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 |

ANS:- B) Alter table A ADD COLUMN D float

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?

- A) Table A (D float int)
- C) Alter Table A D float int

- B) Alter Table A Alter Column D int
- D) Alter table A Column D float to int

ANS:- A) Table A (D Float 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 Primary Key B
- B) Alter table (B primary key)
- C) Alter Table A Add Primary key B
- D) None of them

ANS:- B) Alter table (B primary Key

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

11. What is data-warehouse?

ANS:- Data Warehousing integrates data and information collected from various source into one comprehensive database

12. What is the difference between OLTP VS OLAP?

ANS:- OLAP systems are designed for use by data scientists, business analysts and knowledge worker,ans they support(BI) data mining and other decision support applications.

Ooltp on the other hand optimized for processing a massive number of tractions.

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

ANS:-The four characteristics of a data warehouse, also called feature of a data warehouse, (1) subject oriented (2) time variant (3) Integrated (4) Non- volatile

14. What is Star-Schema??

ANS:- A star schema is a multi-dimensional data model used to organize data in a database so that it is easy to understand and analyze.

15. What do you mean by SETL?

Ans:- facilitates the settlement of traditional and digital securities on a single platform, improving performance, reducing operating costs and eliminating delays.