

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 |

Answer. A) Create, D) ALTER

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

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:
- | | |
|----------------------------|------------------------------|
| A) Strut querying language | B) Structured Query Language |
| C) Simple Query Language | D) None of them |

Answer. B) Structered 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. |

Answer. B) Data Definition Language

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

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?
- | | |
|-----------------------------------|------------------------------|
| 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 |

Answer. 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?
- | | |
|--------------------------------------|-------------------------------------|
| 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 |

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?
- | | |
|--------------------|--------------------------------|
| A) Table A Drop D | B) Alter Table A Drop Column D |
| C) Delete D from A | D) None of them |

Answer. B) Alter Table A Drop Column D

- 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

Answer. B) Alter Table A Alter Column D int

- 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

Answer. D) None of them

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

- ## 11. What is data-warehouse?

Answer.

Data warehouse is a central repository of information that can be analysed to make more informed decisions.

- ## 12. What is the difference between OLTP VS OLAP?

Answer.

OLTP

- Consists of Only of operational current data
- It is application oriented, used for business tasks.
- The data is used to perform day today fundamental operations.

OLAP

- Consists of historical data from various data sources
- It is subject oriented, used for data mining, analytics decision making.
- The data is used planning, problem solving and decision making.

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

Answer.

Subject Oriented, time variant, integrated, persistent and non volatile

- #### 14. What is Star-Schema?

Answer.

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

15. What do you mean by SETL?

Answer.

It based mathematical theory of sets. The scalar data type used in SETL are standard self explanatory . kinds BOOLEAN, INTEGER, REAL and STRING
