

# SQL Fundamental Assessment

Home (/) / SQL for Data Science (/student/self-learning?id=202)  
/ SQL Fundamental Assessment / Exam Scores (/package-cost-details/exam-scores?id=1217)

VIEW MARKS (/PACKAGE-COST-DETAILS/REGENERATE-MARKS?STUDENTID=20453&ASSESSMENTID=181419)

Score Obtained:

46/50 (92%)

RETAKE (/PACKAGE-COST-DETAILS/#)

VIEW REPORT

1.1. What is the full form of SQL?

1/1

ATTEMPTED

- ☐ Structured Query List
- ☒ Structure Query Language
- ☐ Sample Query Language
- ☐ None of these

2. What are rows of a relation known as?

1/1

ATTEMPTED

- ☐ Degree
- ☐ Entity
- ☒ Tuple
- ☐ None

3. which command is used to create database test

1/1

ATTEMPTED

- ☐ create test

- ☐ create db test
- ☒ create database test
- ☐ create table test

**4. Which among the following command will add a new column marks to student table**

1/1

ATTEMPTED

- ☐ alter table student(marks int)
- ☐ alter table student(marks int)
- ☒ alter table student add marks int
- ☐ alter table student modify marks int

**5. Which is the subset of SQL commands used to manipulate Database structures, including tables?**

1/1

ATTEMPTED

- ☒ Data Definition Language(DDL)
- ☐ Data Manipulation Language(DML)
- ☐ DML and DDL
- ☐ None of the Mentioned

**6.**  
**Which of the following is/are the DDL statements?**

1/1

ATTEMPTED

- ☐ Create
- ☐ Drop

- ☐ Alter
- ☒ All of the Mentioned

7.

To delete a particular column in a relation the command used is:

- ☐ UPDATE TABLE
- ☐ TRUNCATE COLUMN
- ☒ ALTER , DROP
- ☐ DELETE COLUMN

1/1

ATTEMPTED

8. Which statement would add a column CGPA to a already defined table Student

0/1

ATTEMPTED

- ☒ ALTER TABLE Student ADD COLUMN (CGPA NUMBER(3,1));
- ☐ ALTER TABLE Student CGPA NUMBER(3,1);
- ☐ ALTER TABLE Student ADD (CGPA NUMBER(3,1));
- ☐ Both A and C

9. What does 'name' represent in the following SQL code snippet?

```
CREATE TABLE student
(
    name CHAR(30) ,
    roll_num INT,
    address CHAR(30) ,
```

`phone CHAR(12)`

`);`

1/1

ATTEMPTED

- ☐ A table
- ☐ A row
- ☒ A column
- ☐ An object

**10. Which among the following is the correct syntax for showing all tables in the database?**

1/1

ATTEMPTED

- ☐ SHOWS TABLES;
- ☐ SHOW TABLE;
- ☐ SHOW;
- ☒ SHOW TABLES;

**11. Which of the following keyword is used to add a new column at the beginning of the existing table**

0/1

ATTEMPTED

- ☒ start
- ☐ initial
- ☐ first
- ☐ all of the above

**12. which of the following keyword is used to add a new column before or after any column on existing table?**

0/1

ATTEMPTED

- ☐ before
- ☐ after
- ☒ both A and B
- ☐ None of these

**13. Which command is used to change the definition of a table in SQL?**

1/1

ATTEMPTED

- ☐ CREATE
- ☐ UPDATE
- ☒ ALTER
- ☐ SELECT

**14. What command is used to create a new table in SQL?**

1/1

ATTEMPTED

- ☒ CREATE table
- ☐ BUILD table
- ☐ GENERATE table
- ☐ None of these

**15. What does the following statement in SQL do? DROP TABLE student;**

1/1

ATTEMPTED

- ☒ Deletes a table called student
- ☐ Creates a table called student
- ☐ Check if there is a table called student
- ☐ None of the above

**16. Which of the following is the full form of DDL?**

1/1

ATTEMPTED

- ☒ Data definition language
- ☐ Data derivation language
- ☐ Dynamic data language
- ☐ Detailed data language

**17.**

**Which statement is TRUE about the GROUP BY Clause?**

1/1

ATTEMPTED

- ☐ In order to retrieve rows, GROUP BY Clause is used.
- ☒ In order to group the rows that share the same property, GROUP BY Clause is used.
- ☐ In order to select the defined groups, GROUP BY Clause is used.
- ☐ In order to return the rows, GROUP BY Clause is used.

**18.**

**In order to sort the records according to the columns, which clause is used?**

1/1

ATTEMPTED

- ☐ HAVING

- ☐ GROUP BY
- ☒ ORDER BY
- ☐ None of the above

19.

The \_\_\_\_\_ clause allows us to select only those rows in the result relation of the \_\_\_\_\_ clause that satisfy a specified predicate.

- ☒ Where, from
- ☐ From, select
- ☐ Select, from
- ☐ From, where

1/1

ATTEMPTED

20.

The query given below will not give an error. Which one of the following has to be replaced to get the desired output?

```
SELECT ID, name, dept name, salary * 1.1
```

```
WHERE instructor;
```

- ☐ Salary\*1.1
- ☐ ID
- ☒ Where
- ☐ Instructor

1/1

ATTEMPTED

21. Which Clause is used to sort the stored data in alphabetical order?

☐ MODIFY

1/1

ATTEMPTED

☐ ALTER

☒ ORDER by CLAUSE

☐ UPDATE

**22. Find the cities name with the condition and temperature from table 'whether' where condition = sunny or cloudy but temperature >= 60**

1/1

ATTEMPTED

☐ SELECT city, temperature, condition FROM weather WHERE condition = 'cloudy' AND condition = 'sunny' OR temperature >= 60

☐ SELECT city, temperature, condition FROM weather WHERE condition = 'cloudy' OR condition = 'sunny' OR temperature >= 60

☒ SELECT city, temperature, condition FROM weather WHERE condition = 'sunny' OR condition = 'cloudy' AND temperature >= 60

☐ SELECT city, temperature, condition FROM weather WHERE condition = 'sunny' AND condition = 'cloudy' AND temperature >= 60

**23. Which Clause is used to select a particular row from the set of row in an existing table?**

1/1

ATTEMPTED

☒ WHERE

☐ FROM

☐ ALTER

☐ None of the mentioned

**24. Which of the following is the correct order of a SQL statement?**

1/1

ATTEMPTED

☐ SELECT, GROUP BY, WHERE, HAVING

- ☒ SELECT, WHERE, GROUP BY, HAVING
- ☐ SELECT, HAVING, WHERE, GROUP BY
- ☐ SELECT, WHERE, HAVING, GROUP BY

**25. Which statement is used to get all data from the student table whose name starts with p?**

1/1

ATTEMPTED

- ☐ SELECT \* FROM student WHERE name LIKE '%p%';
- ☒ SELECT \* FROM student WHERE name LIKE 'p%';
- ☐ SELECT \* FROM student WHERE name LIKE '\_p%';
- ☐ SELECT \* FROM student WHERE name LIKE '%p';

**26. The wildcard in a WHERE clause is useful when?**

1/1

ATTEMPTED

- ☐ An exact match is necessary in a SELECT statement
- ☒ An exact match is not possible in a SELECT statement
- ☐ An exact match is necessary in a CREATE statement
- ☐ An exact match is not possible in a CREATE statement

**27. The SQL keyword(s) \_\_\_\_\_ is used with wildcards.**

1/1

ATTEMPTED

- ☒ LIKE only
- ☐ IN only

- ☐ NOT IN only
- ☐ IN and NOT IN

**28.**

**Which statement is TRUE about the WHERE Clause?**

1/1

ATTEMPTED

- ☒ In order to retrieve rows, WHERE Clause is used.
- ☐ In order to group the rows, WHERE Clause is used.
- ☐ In order to select the defined groups, WHERE Clause is used.
- ☐ In order to return the rows, WHERE Clause is used.

**29.**

**Which statement is TRUE about the GROUP BY Clause?**

1/1

ATTEMPTED

- ☐ In order to retrieve rows, GROUP BY Clause is used.
- ☒ In order to group the rows that share the same property, GROUP BY Clause is used.
- ☐ In order to select the defined groups, GROUP BY Clause is used.
- ☐ In order to return the rows, GROUP BY Clause is used.

**30.**

**In order to sort the records according to the columns, which clause is used?**

1/1

ATTEMPTED

- ☐ HAVING
- ☐ GROUP BY

- ☒ ORDER BY
- ☐ None of the above

31.

By default, sorting by ORDER BY clause is done in which order?

- ☒ Ascending

1/1

ATTEMPTED

- ☐ Descending

- ☐ -

- ☐ -

32.

The \_\_\_\_\_ clause allows us to select only those rows in the result relation of the \_\_\_\_\_ clause that satisfy a specified predicate.

- ☒ Where, from

1/1

ATTEMPTED

- ☐ From, select

- ☐ Select, from

- ☐ From, where

33.

The query given below will not give an error. Which one of the following has to be replaced to get the desired output?

```
SELECT ID, name, dept name, salary * 1.1
```

```
WHERE instructor;
```

- ☐ Salary\*1.1

1/1

ATTEMPTED

- ☐ ID
- ☒ Where
- ☐ Instructor

**34.**

The \_\_\_\_\_ clause is used to list the attributes desired in the result of a query.

- ☐ Where
- ☒ Select
- ☐ From
- ☐ Distinct

1/1

ATTEMPTED

**35. Which Clause is used to select a particular row from the set of row in an existing table?**

1/1

ATTEMPTED

- ☒ WHERE
- ☐ FROM
- ☐ ALTER
- ☐ None of the mentioned

**36. Which of the following is the correct order of a SQL statement?**

1/1

ATTEMPTED

- ☐ SELECT, GROUP BY, WHERE, HAVING

- ☒ SELECT, WHERE, GROUP BY, HAVING
- ☐ SELECT, HAVING, WHERE, GROUP BY
- ☐ SELECT, WHERE, HAVING, GROUP BY

**37. Which statement is used to get all data from the student table whose name starts with p?**

1/1

ATTEMPTED

- ☐ SELECT \* FROM student WHERE name LIKE '%p%';
- ☒ SELECT \* FROM student WHERE name LIKE 'p%';
- ☐ SELECT \* FROM student WHERE name LIKE '\_p%';
- ☐ SELECT \* FROM student WHERE name LIKE '%p';

**38. Which among the following will insert data into only name and mark columns in student table (consider total 4 columns are there in student table)**

1/1

ATTEMPTED

- ☐ insert into student ("abc",70);
- ☐ insert into student values ("abc",70);
- ☐ insert into student name,mark values ("abc",70);
- ☒ insert into student (name,mark) values ("abc",70);

**39. Which Of the SQL Statements Is Correct?**

1/1

ATTEMPTED

- ☐ DELETE \* from user WHERE Username = 'user1'

- ☒ DELETE from user WHERE Username = 'user1'
- ☐ DELETE user1 from user WHERE Username = 'user1'
- ☐ All of the above

40.

Which of the following columns in a table cannot be updated?

- ☐ DATE type columns in the table
- ☐ Columns which allows NULL values in the table
- ☒ A primary key column which also serves as foreign key reference in another table
- ☐ All of the above

1/1

ATTEMPTED

41.

The language used application programs to request data from the DBMS is referred to as \_\_\_\_\_

- ☐ DML
- ☐ DDL
- ☒ DQL
- ☐ All of the Mentioned

1/1

ATTEMPTED

42.

Which of the following is not a type of SQL statement?

- ☐ DML

1/1

ATTEMPTED

- ☐ DDL
- ☐ DCL
- ☒ DCL

43.

Data manipulation language (DML) includes statements that modify the \_\_\_\_\_ of a database.

- ☐ Structure
- ☒ Data
- ☐ User
- ☐ Size

1/1

ATTEMPTED

44. What is xyz in the following SQL statement?

```
DELETE FROM xyz WHERE abc = 5;
```

- ☐ column name
- ☒ table name
- ☐ row name
- ☐ database name

1/1

ATTEMPTED

45. Which keyword in the UPDATE statement is used to assign values to columns?

- ☐ ASSIGN

1/1

ATTEMPTED

- ☒ SET
- ☐ MARK
- ☐ GET

**46. Which keyword is used to specify the foreign key after the table is created?**

1/1

ATTEMPTED

- ☐ SETUP
- ☐ SET
- ☒ ALTER TABLE
- ☐ SPECIFY

**47. What is the role of 'CONSTRAINTS' in defining a table in Mysql?**

ATTEMPTED

1/1

- ☐ Declaring primary key
- ☐ Declaring Foreign Key
- ☐ Restrictions on columns
- ☒ All of the mentioned

**48. In which of the following cases a DML statement is not executed?**

0/1

ATTEMPTED

- ☐ When existing rows are modified
- ☐ When a table is deleted

- ☐ When some rows are deleted
- ☒ All of the above

**49. What does the following code snippet do? DELETE FROM STUDENTS WHERE AGE = 16; ROLLBACK;**

1/1

ATTEMPTED

- ☒ Performs an undo operation on the delete operation
- ☐ Deletes the rows from table where age=16
- ☐ Deletes entire table
- ☐ None of the above

**50. Which of the following commands is used to delete all rows and free up space from a table?**

1/1

ATTEMPTED

- ☒ TRUNCATE
- ☐ DROP
- ☐ DELETE
- ☐ ALTER