**DCL**

1. **What is the purpose of GRANT and REVOKE in SQL?**

GRANT: Used to give specific privileges to users, such as permission to SELECT, INSERT, UPDATE, or DELETE data, or manage tables and databases.

REVOKE: Used to remove previously granted privileges from users.

These commands help manage database security and access control.

**2. How do you manage privileges using these commands?**

GRANT Syntax:

GRANT privilege\_type ON database\_name.table\_name TO ‘username'@'host';

Example:

GRANT SELECT, INSERT ON school\_db.students TO 'user1'@'localhost';

This gives user1 permission to SELECT and INSERT data in the students table.

REVOKE Syntax:

REVOKE privilege\_type ON database\_name.table\_name FROM 'username'@'host';

Example:

REVOKE INSERT ON school\_db.students FROM 'user1'@'localhost';

This removes the INSERT privilege from user1.