· Part-B.

Date / /

## · 50 SQL Interview Questions

9.1) What is difference between DELETE and TRUNCATE in SQL ? The DFLETE statement is used to remove specific rows from a table based on a · It can be rolled back and generates individual delete operations for each row
TRUNCATE, on the other hand, is used to remove all rows from a table The cannot be rolled back, and is faster than DELETE as it deallocates the data pages instead of logging individual row deletions. What is the difference between UNION and · UNION and UNION ALL are used to combine the result sets of two or more SELECT · UNION removes duplicate rows from the combined result set -whereas UNION ALL includes all rows including duplicates krishna Agrawal (Linked In a coclere notes (instagram) 9.3) What is difference between CHAR and VARCHAR

· CHAR 13 a fixed length strong data type, while VARCHAR 18 a variable-length strong data type

Q.4) What is the difference between the HAVING clause and the WHERE clause? . The WHERE dause is used to filter rows based on a condition before the data is enouped or aggregated.

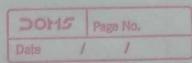
It operates on individual rows

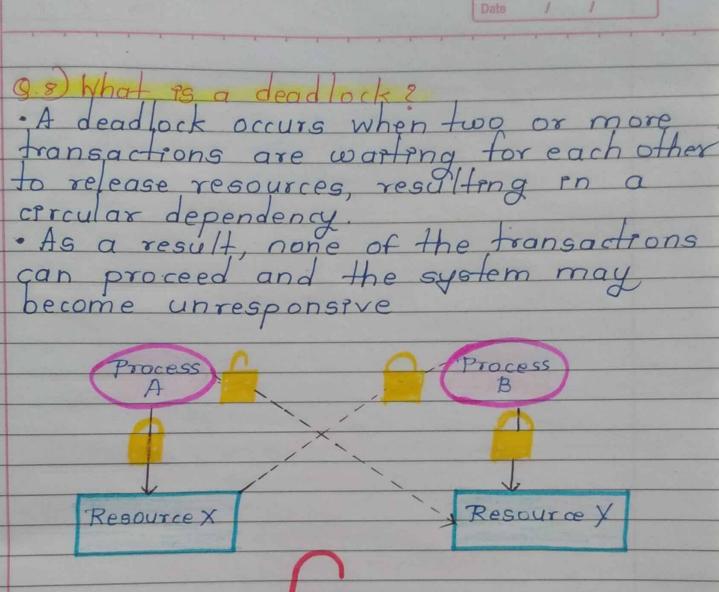
The HAVING clause, on the other hand, is used to filter grouped rows based on a condition after the data is grouped or aggregated using the GROUP By clause. 9.5) What is transaction in SQL? · A transaction is a sequence of SBL statements
that are executed as a single logical unit of · It ensures data consistency and integrity by either committing all changes or rolling them back if an error occurs. Transaction su creeded Commis Trasaction Rollback Transaction Krishpa Agrawal < LrnkedIn>
acoders notes <instagram>

Q.6) What is ACID in the context of database transactions ? · ACID stands for Atomicity, Consistency, Isolation and Durability · It is a set of properties that guarantee reliable processing of database transactions.

· Atomicity ensures that a transaction is treated as a single unit of work, either · Consistency ensures that a transaction brings the database from one valed state to another. · Isolation ensures that concurrent transactions do not interfere with each other · Durability ensures, that once a transaction is committed, its changes are permanent and survive system failures A- Atomacaty C- Consistency I- Isolalion D- Durability

of an inner design of an inner state of an inner state another query. It is used to retrieve data based on the result of an inner state of





gg) what 95 the difference between a cross

jorn and an inner goin?

· A cross join (Cartesian product) retuins the
combination of all rows from two or more
tables

· An inner join returns only the matching
rows based on a join condition.

Gooders notes (mologram)