**SQL MOCK INTERVIEW QUESTIONS SHARED BY OUR PEERS**

> Just cleared SQL mock interview. Questions asked

Design schema (Emp,Dep, Address Complicated question).

Then asked me to write a query to get the result. I wrote with joins.

He Asked me some questions that were not taught in class like triggers and other concepts.

note:- prepare some standard questions which were not covered in class and schema design is most important.

Rest of the questions like aggregate, window functions, views that you can easily answer as it's already covered inclass.

Interviewer:- Amitabh Tiwari

> SQL mock interview questions :

calculates avg GPA from student and class table and calculate sale amount by order details and what is indexing and ACID and clustered non clustered indexes and scheme design multi layer University system

> Cleared SQL mock interview today

Advanced SQL Query was asked which included AGGREGATE function ,Joins, GROUP BY and Having. Modify the query using a subquery.

What are indexes in database? Their working and usecase

Design Food delivery and review System

> I have Cleared SQL mock interview

SQL Query was asked which included AGGREGATE function ,Joins, GROUP BY and Having. 1 easy questions using GROUP BY .

What are indexes in database? Their working and usecase advantages and disadvantages of using indexes in Query.

Design Food delivery and review System.(optional)

> Just Cleared Mock Interview of SQL with Strong Hire Following questions asked by interviewer:

Three SQL query base on Join and SubQuery included Having, Where clause

Indexing, ACID Properties, Isolation Level

Schema Design of Hospital and insurance System

> Cleared SQL mock interview

Advanced SQL Query was asked which included AGGREGATE function ,Joins, GROUP BY and Having. Modify the query using a subquery.

What are indexes in database? Their working and usecase

Design university db and questions were asked based on the db I created

ACID properties

> Hey guys..Cleared Mock for SQL.

3 query questions based on joins, Aggregations, and Sub-query.

Sub - query question was tough.

Schema design of Multi- Layered University system

Overview about Transactions.

> Just Cleared Mock Interview of SQL with Strong Hire Following questions asked by interviewer:

Three SQL query base on Join and SubQuery included Having, Where clause

Indexing, ACID Properties and Foreign keys, mapping for Many to Many relationships , .what is cardinality in schema design

Schema Design of University

For schema design u may use any ppt. Or draw.io however, u need to focus in cardinality, PK, FK and tables

> Attended SQL mock interview now.

given 2 simple queries based on joins and groupby, asked about concepts of indexing,acid properties.

asked a schema to design(medical hospital data).

> Sql queries involving subqueries, agregation, joins, acid, cap theorem, indexing, different isolation levels, transaction etc. Then one schema design for Amazon kind of shopping portal

> Cleared SQL mock interview with strong hire

Concepts - Transactions, ACID properties

Queries - subquery and joins related, determining foreign key and writing the query

Schema design - Healthcare system

> Completed sql mock interview

Schema design :Buyer/seller of software systems with softwares, discounts, transactions, invoices

3 Sql queries using joins, sub queries, window Functions, Some questions around sql

> Just cleared SQL Mock with strong hire with Siddharth Shrivastava

Questions 1 : Schema Design for Food Delivery and Rating System

Question 2 : Queries and Cardinalities based on ur designed schema

Question 3 : Acid properties and basic fundamentals

Question 4 : write query for 3 questions provided

Main focus in entire interview was on Schema Design and Cardinalities we provide

> Completed my SQL mock interview, Interviewer - Shivam Varshney

Schema design - Multilayered university system.

Main focus: choosing appropriate entities and relationships , cardinality, indexing

4 queries using concepts of subqueries, inner and outer joins and some clauses.

> Cleared SQL Mock Interview with Strong Hire. Interviewer - Abhishek Ringsia

3 SQL queries using inner join, left join, group by, having, aggregate functions and subquery.

a. Given students and courses tables, print course name and details of students enrolled into that course. Print NA if no student enrolled.

b. Given orders and customers tables, print each city where there are more than 10 customers and their order\_quantity is more than 10000.

c. Given orders and customers tables, print customers who have total order\_quantity more than average of all customers order\_quantity.

Schema design of Hospital and Insurance System. Explain primary key, foreign key, cardinality.

> Cleared SQL mock with Strong Hire

3 queries were asked based on joins,subqueries,Aggregate Queries

The interviewer asked to explain about ACID properties with examples

The last part was schema design for food delivery App and it's rating system

Need to pick nouns,Find cardinalities,draw tables and also primary key,Foreign key has to be mentioned correctly.

> Completed SQL mock These were the questions asked

Q1. You have two tables, Products and Sales. Products includes Product\_ID, Product\_Name, and Price, and Sales includes Sale\_ID, Product\_ID, Quantity\_Sold, and Sale\_Date. Write a SQL query to list all the sales along with their corresponding product names, ensuring to include sales even if their corresponding product details are missing.

Q2. Consider a Books and Authors table. Books includes Book\_ID, Author\_ID, Title, and Sales, and Authors includes Author\_ID, Author\_Name. Write a SQL query to find the authors who have sold more than 1000 books and have written more than 3 books.

Q3. You are given Employees and Departments tables. Employees includes Emp\_ID, Name, Salary, and Dept\_ID, and Departments includes Dept\_ID, Dept\_Name. Write a SQL query to find departments that pay an average salary higher than the average salary of all departments.

Q4. Explain ACID properties

Q5 DB schema design -Generic Rating and Review system