

important topics:

Why do we need DBMS	https://www.youtube.com/watch?v=T7AxM7Vqvaw
File management system vs DBMS	https://www.youtube.com/watch?v=ZtVw2iuFI2w
Data abstraction	https://www.youtube.com/watch?v=5fs1ldO6B5c
ER model, relational model	https://www.youtube.com/watch?v=VJUk- CsqKw https://www.youtube.com/watch?v=UWNOchMUh8U

SQL and important keywords used	Already done
SQL queries	Already done
Joins and its types	Already done
Views	https://www.youtube.com/watch?v=8jU8SrAPn9c
Indexing	https://www.youtube.com/watch?v=fsG1XaZEa78 sanchit jain

Normalization basic definitions and usage Sanchit jain

Transactions (Lock based protocol for concurrency control)

ACID properties

<https://www.youtube.com/watch?v=75T6muWuEFI&list=PLbKVInc3OmnwG-2-EeoheUZxBHwJhRaZ->

SQL vs NoSQL https://www.youtube.com/watch?v=ZS_kXvOeQ5Y

Deadlock in DBMS

Starvation

https://youtu.be/Y80mas3B62M?list=RDCMUC-x_kRNcl1102UR5SmXOrpg

https://www.youtube.com/watch?v=loe4ERAI_3o

Questions on what database to be used

Scaling in databases

Cache and in-memory database

Also, practice standard interview questions from:

Most Standard topics : SQL queries, Normalization, transactions

[<https://prepinsta.com/database-management-system-dbms/>] Revision:

<https://www.geeksforgeeks.org/last-minute-notes-dbms/>

Interview questions:

<https://www.geeksforgeeks.org/commonly-asked-dbms-interview-questions/>

<https://www.geeksforgeeks.org/commonly-asked-dbms-interview-questions-set-2/>

DonneMartin book:

<https://github.com/donnemartin/system-design-primer#database>