

# **SQL Quick Study Guide**

<u><b>Sr. No.</b></u>	<u><b>Topic</b></u>	<u><b>Resource</b></u>
*	SQL crash course	<a href="#">Link</a>
*	SQL Practice Questions (Important)	<a href="#">Link</a>
	<b><u>Beginner</u></b>	
1	What are ACID properties?	<a href="#">Link</a>
2	What are levels of abstractions in DB?	<a href="#">Link</a>
3	What are different types of relationships in SQL?	<a href="#">Link</a>
4	What is concurrency control?	<a href="#">Link</a>
5	What is normalization, and different types of normalization?	<a href="#">Link</a>
6	What is denormalization?	<a href="#">Link</a>
7	What are different types of keys?	<a href="#">Link</a>
8	What is ETL in SQL?	<a href="#">Link</a>
9	Explain different types of constraints	<a href="#">Link</a>
10	What is difference between drop, truncate and delete commands	<a href="#">Link</a>
11	What is a view and how is it different from a table?	<a href="#">Link</a>
12	What is purpose of joins and types of joins?	<a href="#">Link</a>
13	What is a database transaction?	<a href="#">Link</a>

<b>14</b>	What is a subquery?	<a href="#">Link</a>
<b>15</b>	How to do Transaction control?	<a href="#">Link</a>
<b>16</b>	How to take a backup and restore database?	<a href="#">Link</a>
	<b><u>Advanced</u></b>	
<b>1</b>	What is database partitioning?	<a href="#">Link</a>
<b>2</b>	What is a checkpoint?	<a href="#">Link</a>
<b>3</b>	What are triggers and stored procedures?	<a href="#">Link</a>
<b>4</b>	What are indexes and type of indexes	<a href="#">Link</a>
<b>5</b>	What are intensions and extensions?	<a href="#">Link</a>
<b>6</b>	What is a cursor & Types of cursors?	<a href="#">Link</a>
<b>7</b>	What is specialization and generalization	<a href="#">Link</a>
<b>8</b>	Different types of integrity rules	<a href="#">Link</a>
<b>9</b>	What is data replication and types of data replication.	<a href="#">Link</a>
<b>10</b>	What is database sharding?	<a href="#">Link</a>
<b>11</b>	Explain Master Slave architecture of Database	<a href="#">Link</a>