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INTERVIEW QUESTIONS / MYSQL

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# 10 MySQL Database Interview Questions for Beginners and Intermediates

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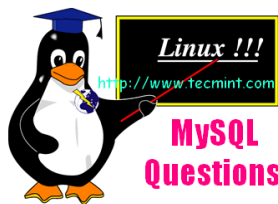
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In our last article, we've covered [15 Basic MySQL Questions](#), again we are here with another set of interview questions for intermediate users. As we said earlier these questions can be asked in **Job Interviews**. But some of our critics on the last article said, that I don't give response to my critics and the questions are very basic and will never be asked in any **Database Administrator Interview**.



10 Mysql Job Interview Questions

To them we must admit all the articles and question can not be composed keeping all

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the flock in mind. We are

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coming from basic to expert level step by step. Please Cooperate with us.

## 1. Define SQL?

**Answer :** SQL stands for Structured Query Language. SQL is a programming Language designed specially for managing data in Relational Database Management System (RDBMS).

## 2. What is RDBMS? Explain its features?

**Answer :** A Relational Database Management System (RDBMS) is the most widely used database Management System based on the Relational Database model.

### Features of RDBMS

- Stores data in tables.
- Tables have rows and column.
- Creation and Retrieval of Table is allowed through SQL.



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## 3. What is Data Mining?

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**Answer :** Data Mining is a subcategory of Computer Science which aims at extraction of information from set of data and transform it into Human Readable structure, to be used later.

#### 4. What is an ERD?

**Answer :** ERD stands for Entity Relationship Diagram. Entity Relationship Diagram is the graphical representation of tables, with the relationship between them.

#### 5. What is the difference between Primary Key and Unique Key?

**Answer :** Both Primary and Unique Key is implemented for Uniqueness of the column. Primary Key creates a clustered index of column where as an Unique creates unclustered index of column. Moreover, Primary Key doesn't allow NULL value, however Unique Key does allows one NULL value.

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## 6. How to store picture file in the database. What Object type is used?

**Answer :** Storing Pictures in a database is a bad idea. To store picture in a database Object Type 'Blob' is recommended.

## 7. What is Data Warehousing?

**Answer :** A Data Warehousing generally refereed as Enterprise Data Warehousing is a central Data repository, created using different Data Sources.

## 8. What are indexes in a Database. What are the types of indexes?

**Answer :** Indexes are the quick references for fast data retrieval of data from a database. There are two different kinds of indexes.

### Clustered Index

- Only one per table.
- Faster to read than non clustered as data

is physically stored in index order.

### Nonclustered Index

- Can be used many times per table.
- Quicker for insert and update operations than a clustered index.

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## 9. How many TRIGGERS are possible in MySql?

**Answer :** There are only six triggers are allowed to use in MySQL database and they are.

- Before Insert
- After Insert
- Before Update
- After Update
- Before Delete
- After Delete

## 10. What is Heap table?

**Answer :** Tables that are present in the memory are called as HEAP tables.

known as memory tables.  
These memory tables never  
have values with data type  
like "BLOB" or "TEXT". They  
use indexes which make  
them faster.

That's all for now on  
MySQL questions, I will  
be coming up with  
another set of questions  
soon. Don't forget to  
provide your valuable  
feedback in comment  
section.

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**Venu Gopal**  April 3, 2019 at 11:40 am

Provide real time interview questions

Reply

**Sithembele**

 February 11, 2019 at 5:30 pm

It's great, Thanks I find it useful, I want more in order to be Razor sharp in Mysql

Reply

**jatin**  December 5, 2016 at 12:36 am

Please mention the answers with the questions of the post  
So that fresher like me could understand

Reply

**Joseph in Atlanta**

 September 21, 2016 at 1:26 am

OK... a few extra questions to ask/include on MySQL interview:  
(especially notable for DBA/admin)

- (1) Show the total amount of storage being used by each database under MySQL... organized by owner.
- (2) List the indexes for all tables in database "Sales" ... and show me any tables which do not have indexes.
- (3) If MySQL database service is Not running, where do you look for problems/errors to correct.
- (4) If MySQL is not running, how do you find disk storage used by MySQL ...storage FREE/avail for MySQL?
- (5) List all active connections to running MySQL DB... and what can you know about activity...
- (6) Discuss steps to move/copy a

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ServerB ?

(7) Comment on setup of ServerJ and ServerK for load balancing & fail-over operation, so BOTH stay updated?

(8) Describe steps to backup or restore data/tables/index for database "blue" with other databases still running?

Reply

**Mahesh Jain**

🕒 February 16, 2016 at 4:30 pm

Nice tutorials .. Waiting for next.

Reply

**Explored**

🕒 June 8, 2016 at 7:35 pm

Every MySql interview will have certain set of tough interview questions related to select and other queries. Also they will concentrate on few important topics.

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**achha insaan**

🕒 December 2, 2014 at 2:52 pm

very helpful !

Reply

**Avishek Kumar**

🕒 December 5, 2014 at 3:01 pm

:) @ achha insaan

Reply

**harsh vyas**

🕒 November 6, 2014 at 11:00 am

very nice and easy question answers.. thank you

Reply

**Avishek Kumar**

🕒 November 10, 2014 at 5:34 pm

Welcome

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