1. What is MySQL?

It is a relational database management system(RDBMS) which is used to store ,retrieve, manage data in the form of tables.

2. In which language has MySQL been written?

MySQL is primarily written in C and C++.It also uses SQL as its query language to interact with the database.

3. What are the advantages of using MySQL?

It is an open source. It is compatible with various operating systems like Linux, mac, windows etc, It is suitable for small scale and also large scale companies with large and active community.

4. What is a database?

Database is a structured collection of data which can be easily modified, accessed or retrieved. It is highly authorized and authenticated.

5. What does 'MySQL' stand for?

My Widenius Structured Query Language. It is a relational database management system used to store data in structured format.

6. How to check MySQL version?

In terminal type select version();

o/p

version()

9.1.0

7. What does a MySQL database contain?

MySql database contain tables,schemas,data,indexes,constraints.

8. List the ways to interact with MySQL.

We can interact with mySql in many ways, they are using mySql workbench, mySql command line, mySql shell, restful apis, programming languages, frameworks like Django etc.

9. What are the different tables in MySQL?

Memory tables, archeive tables, temporary table, permanent table, view table etc.

10. What are MySQL Database Queries?

MySql Database Queries are used to create, update, delete and retrieve data by filtering and sorting the data.

11. What are some common MySQL commands?

Database operations: create database; show databases; use database\_name;

Table Operations: create table, show tables, insert into, update , alter, delete, drop, truncate etc

12. How to create a database in MySQL?

create database database\_name

13. How to create table using MySQL?

use database\_name

create table player(col\_name datatype,col\_name datatype…)

14. How to insert data in MySQL?

Insert into table\_name(colname,colname) values(val1,val2)

15. How do you remove a column form a database?

alter table player drop age;

16. How do you delete data from MySQL table?

truncate table player;

17. How can you view a database in MySQL?

show databases;

18. What are string data types in MySQL?

string datatype(char) is used to store a stream of characters

19.what is difference between mysql and sql?

sql: structured query language is used to manage RDBMS.

mySql: It is an open source RDBMS that uses sql commands.

20.what is difference between char and varchar?

CHAR: A fixed-length data type. Always reserves a fixed number of bytes, regardless of the actual data length.

VARCHAR: A variable-length data type. Allocates only as much storage as needed for the actual data, up to the defined maximum length.