# MySQL

**MCQ :**

1. Which command use to view all the tables?

\*Ans: Show Tables

1. How to Convert ISAM Tables to MyISAM Tables?

\*Ans: ALTER TABLE table\_name TYPE=MyISAM;

1. Which function is responsible for closing the connection from (mysqli) server?

\*Ans: close();

1. Current databse use in mysql or how to use ‘mydatabase’ in mysql?

\*Ans: use mydatabase

1. Which of the following statement is true about ‘view’?

\*Ans: A view consists of a set of rows that is returned if a particular query is executed [page: 660]

1. The database administrator uses the \_\_\_\_\_ command to revoke privileges from users?

\*Ans: REVOKE

1. MySQL’s DATE data type format:

\*Ans: yyyy-mm-dd [Page: 537]

1. mysql>GRANT All Priviledges ON mydatabase.\* TO ‘runUser'@'192.168.1.103'

->IDENTIFIED BY 'big'; --Evalute this code:

\*Ans: run User privilege on all table in ‘mydatabase’ database

1. We use the \_\_\_\_\_ clause to list data in a specific order.

\*Ans: ORDER BY

1. Which SQL statement is used to insert a new data in a database?

\*Ans: INSERT INTO

1. Which command is used to delete an existing stored procedure?

\*Ans: DROP PROCEDURE procedure\_name [Page: 642]

1. Which following statement is true about transection?

\*Ans: A transaction is an ordered group of database operations that are treated as a single unit [Page: 709]

1. Which of the following example of creating a ‘view’?

\*Ans: CREATE VIEW employee\_contact\_info\_view AS

SELECT first\_name, last\_name, email, phone FROM employee ORDER BY last\_name ASC;

1. Returned query results to just the first three rows, correct ‘limit’ syntax:

\*Ans: SELECT name, price FROM product ORDER BY name ASC LIMIT 3; [Page: 680]

1. What are the Advantages of MySql Database Index? (Choose Two)

Ans: Uniqueness & Query Optimization [Page: 693]

1. Column name (location,price), table name ‘product’.

Correct SELECT Statement is :

\*Ans: SELECT location, price FROM product;

1. Configuring MySQL on Windows using which file:

Ans: my.ini [Page: 493]

1. Which syntax is right for Connecting to an anonymous user that is in the localhost?

Ans: A. mysql –u anon

B. mysql -u ‘’ ” **[These 3 syntax are correct for connecting to mysql database]**

C. mysql –u **[But I don’t know the actual answer]**

D. mysql

1. Viewing MySQL’s Configuration Parameters:

\*Ans: mysql>SHOW VARIABLES; [Page: 497]

1. To view the structure of one of the tables of a database:

\*Ans: DESCRIBE table\_name; [Page: 507]

1. log all results to a text file by using:

\*Ans: /T [Page: 510]

1. --safe-updates, -U:

Ans: preventing accidental mass deletions or modifications. [Page: 515]

1. Which Mysql client used to **export** existing table data, table structures, or both from the MySQL server? (Chose Two)

\*Ans: A. mysqldump B. mysqlshow C. mysqlhotcopy [Page: 517 & 518]

1. MySQL’s Default storage engine:

\*Ans: innoDB.

1. Select correct (sql create table) syntax:

\*Ans: A. CREATE TABLE authentication\_static (

rowid SMALLINT UNSIGNED NOT NULL AUTO\_INCREMENT,

username CHAR(15) NOT NULL,

pswd CHAR(15) NOT NULL,

PRIMARY KEY(id)

) ENGINE=MyISAM;

B. CREATE TABLE authentication\_static (

rowid SMALLINT UNSIGNED NOT NULL AUTO\_INCREMENT,

username CHAR(15) NOT NULL,

pswd CHAR(15) NOT NULL,

PRIMARY KEY(id)

) ENGINE=MyISAM;

C. CREATE TABLE authentication\_static (

rowid SMALLINT,

username CHAR(15),

pswd CHAR(15),

PRIMARY KEY(id)

) ENGINE=InnoDB;

D. all of the above.

1. mysqli\_connect() consist of following which parameters?

\*Ans: A. hostname B. userpassword C. username D. all of the above.

1. required **steps** to connect mysql with php: (Choose those applicable)

\*Ans: A. Open the connection of the mysql Server

B. Working on database

C. Close Connection

D. Create database in php.

1. Which Statement is true about fetch\_array():

\*Ans: A. it returns a single row from the result set.

B. it returns all the rows of the result set as an associative array.

C. it stores a single row to the result set.

D. All of the above.

1. Which method retrieves the total number of rows affected by an INSERT, UPDATE, or DELETE query:

\*Ans: affected\_rows.

1. What is the advantage of **prepared** **statement**?

Ans: A. secured with replication

B. eliminate overhead

C. enhanced debugging

1. Which trigger is use when validating or modifying data...?

\*Ans: before trigger [Page: 651]

1. Which clause prevent any subsequent view update from changing any value in the column?

Ans: WITH CHECK OPTION [Page: 665]

1. With which statement a cursor is prepared to use? (or something like that)

\*Ans: FETCH [Page: 688/690]

1. A set of SQL statements stored in the database server and executed by calling an assigned name within a query is known as :

Ans A. Stored Routine

B. Stored Procedure

C. Stored Function

D. Storage Engine

1. What is the greatest speed enhancement feature of MySQL?\

Ans : Query Caching.

**Descriptive :**

1. What is the advantage of prepared statement?
2. What are the advantages of Trigger?
3. Difference between Before Trigger and After Trigger.
4. What are the advantages of Views?
5. What are the advantages of Stored Routine?
6. What is the purpose of GRANT and REVOKE priviledge?
7. What do you mean by MySQL’s access priviledge?
8. What is cursor? Why is it used?
9. What do you mean by Replication? What is the purpose of using Replication?
10. What do you mean by Data Encryption?
11. What do you mean by Query Caching?
12. What is the purpose of mysqladmin client?
13. What is the difference between InnoDB and MyISAM storage engine?
14. What is the difference between fetch\_row() and fetch\_array()?
15. What is Sub Query?