

# MySQL

## MCQ :

- Which command use to view all the tables?

\*Ans: **Show Tables**

- How to Convert ISAM Tables to MyISAM Tables?

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

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

\*Ans: **close();**

- Current database use in mysql or how to use 'mydatabase' in mysql?

\*Ans: **use mydatabase**

- 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]**

- The database administrator uses the \_\_\_\_\_ command to revoke

privileges from users?

\*Ans: **REVOKE**

- MySQL's DATE data type format:

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

- 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**

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

\*Ans: **ORDER BY**

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

\*Ans: **INSERT INTO**

- Which command is used to delete an existing stored procedure?

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

- Which following statement is true about transaction?

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

- 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;**

- 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]

- What are the Advantages of MySQL Database Index? (Choose Two)

Ans: **Uniqueness & Query Optimization** [Page: 693]

- Column name (location,price), table name 'product'.

Correct SELECT Statement is :

\*Ans: **SELECT location, price FROM product;**

- Configuring MySQL on Windows using which file:

Ans: **my.ini [Page: 493]**

- 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**

- Viewing MySQL's Configuration Parameters:

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

- To view the structure of one of the tables of a database:

\*Ans: `DESCRIBE table_name;` [Page: 507]

- log all results to a text file by using:

\*Ans: `/T` [Page: 510]

- `--safe-updates, -U:`

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

- 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]

- MySQL's Default storage engine:

\*Ans: `innnoDB.`

- 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.

- mysql\_connect() consist of following which parameters?

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

- 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.

- 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.

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

\*Ans: **affected\_rows.**

- What is the advantage of **prepared statement**?

Ans: A. secured with replication

**B. eliminate overhead**

C. enhanced debugging

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

\*Ans: **before trigger [Page: 651]**

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

Ans: **WITH CHECK OPTION [Page: 665]**

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

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

- 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

- What is the greatest speed enhancement feature of MySQL?\

Ans : **Query Caching.**

#### **DESCRIPTIVE :**

- What is the advantage of prepared statement?
- What are the advantages of Trigger?
- Difference between Before Trigger and After Trigger.
- What are the advantages of Views?
- What are the advantages of Stored Routine?
- What is the purpose of GRANT and REVOKE privilege?

- What do you mean by MySQL's access privilege?
- What is cursor? Why is it used?
- What do you mean by Replication? What is the purpose of using Replication?
- What do you mean by Data Encryption?
- What do you mean by Query Caching?
- What is the purpose of mysqladmin client?
- What is the difference between InnoDB and MyISAM storage engine?
- What is the difference between fetch\_row() and fetch\_array()?
- What is Sub Query?