

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.

- mysqli_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?