

1. Which PHP function is used to connect to a MySQL database?

- A. mysql_connect()
- B. mysqli_connect()
- C. connect_db()
- D. db_connect()

Answer: B. mysqli_connect()

2. What does the mysqli_connect() function return on success?

- A. Boolean True
- B. An object
- C. A string
- D. Nothing

Answer: B. An object

3. Which of the following is used to select a database in PHP (MySQLi)?

- A. mysqli_use()
- B. mysqli_select_db()
- C. mysqli_choose()
- D. mysqli_choose_db()

Answer: B. mysqli_select_db()

4. What is the correct order to connect and select a database in PHP?

- A. Select DB → Connect → Query
- B. Connect → Query → Select DB
- C. Connect → Select DB → Query
- D. Query → Connect → Select DB

Answer: C. Connect → Select DB → Query

5. Which of these is the correct syntax for mysqli_connect()?

- A. mysqli_connect(server, user, password)
- B. mysqli_connect(server, user, password, database)
- C. mysqli_connect(user, password, database)

D. `mysqli_connect(database, server, user, password)`

Answer: B. `mysqli_connect(server, user, password, database)`

6. Which function is used to run SQL queries in PHP using MySQLi?

A. `mysqli_query()`

B. `mysql_query()`

C. `mysqli_run()`

D. `mysqli_execute()`

Answer: A. `mysqli_query()`

7. What will `mysqli_connect_errno()` return if connection is successful?

A. 1

B. 0

C. null

D. false

Answer: B. 0

8. Which function is used to escape special characters in a string for use in an SQL statement?

A. `mysqli_escape_string()`

B. `mysql_escape()`

C. `mysqli_real_escape_string()`

D. `real_escape_string()`

Answer: C. `mysqli_real_escape_string()`

9. How do you fetch results from a query as an associative array in MySQLi?

A. `mysqli_fetch_array()`

B. `mysqli_fetch_assoc()`

C. `mysqli_fetch_row()`

D. `mysqli_fetch_result()`

Answer: B. `mysqli_fetch_assoc()`

10. What will the following code output?

```
php
CopyEdit
$mysqli = mysqli_connect("localhost", "root", "", "test");
if (!$mysqli) {
    die("Connection failed");
}
echo "Connected successfully";
```

- A. Nothing
- B. Connection failed
- C. Error
- D. Connected successfully

Answer: D. Connected successfully

11. Which of the following is true about MySQLi in PHP?

- A. It does not support object-oriented style
- B. It is deprecated
- C. It supports both procedural and object-oriented styles
- D. It only works with PostgreSQL

Answer: C. It supports both procedural and object-oriented styles

12. How do you close a MySQLi connection?

- A. mysqli_disconnect()
- B. mysqli_close()
- C. mysql_close()
- D. close_mysqli()

Answer: B. mysqli_close()

13. Which keyword is used to insert data into a MySQL table?

- A. ADD
- B. PUSH
- C. PUT
- D. INSERT

Answer: D. INSERT

14. What does `mysqli_num_rows()` do?

- A. Returns number of rows affected
- B. Returns number of rows in result set
- C. Returns number of columns
- D. None of the above

Answer: B. Returns number of rows in result set

15. What does this SQL query do?

```
sql
CopyEdit
SELECT * FROM users WHERE id = 1;
```

- A. Selects all users
- B. Updates user where id = 1
- C. Selects user with id 1
- D. Deletes user with id 1

Answer: C. Selects user with id 1

16. In PHP, what type of value does `mysqli_query()` return for SELECT queries?

- A. Boolean
- B. Array
- C. Result object
- D. Integer

Answer: C. Result object

17. What is the default MySQL port number?

- A. 80
- B. 21
- C. 3306
- D. 8080

Answer: C. 3306

18. Which method retrieves the ID generated by a query on a table with an auto-increment field?

- A. mysqli_get_id()
 - B. mysqli_insert_id()
 - C. mysqli_last_id()
 - D. mysqli_auto_id()
- Answer:** B. mysqli_insert_id()
-

19. What function is used to prepare SQL statements in MySQLi?

- A. mysqli_prepare()
 - B. prepare_query()
 - C. mysqli_statement()
 - D. mysqli_query_prepare()
- Answer:** A. mysqli_prepare()
-

20. Why should prepared statements be used in PHP database queries?

- A. To increase code complexity
 - B. To save memory
 - C. To prevent SQL injection
 - D. To reduce database size
- Answer:** C. To prevent SQL injection

1. Which of the following databases is natively supported by PHP?

- A. Oracle
 - B. PostgreSQL
 - C. MySQL
 - D. All of the above
- Answer:** D. All of the above
-

2. What PHP extension is used for interacting with MySQL databases?

- A. PDO
 - B. pg_connect
 - C. OCI8
 - D. sqlite_open
- Answer:** A. PDO
-

 **3. Which PHP function is used to connect to a PostgreSQL database?**

- A. pg_connect()
- B. pdo_pgsql_connect()
- C. pgsql_connect()
- D. psql_connect()

Answer: A. pg_connect()

 **4. What PHP extension allows for a unified database access layer?**

- A. PDO
- B. MySQLi
- C. pgSQL
- D. SQLite3

Answer: A. PDO

 **5. Which of the following PHP extensions is used to work with SQLite?**

- A. PDO
- B. SQLite3
- C. sqlite
- D. All of the above

Answer: D. All of the above

 **6. Which function opens a SQLite3 database using the object-oriented style?**

- A. sqlite3_open()
- B. new SQLite3()
- C. open_sqlite()
- D. SQLite3::connect()

Answer: B. new SQLite3()

 **7. Which database is best for lightweight and file-based usage in PHP?**

- A. MySQL
- B. PostgreSQL

- C. SQLite
 - D. Oracle
- Answer:** C. SQLite
-

 **8. Which driver does PHP use to connect to Microsoft SQL Server?**

- A. MSSQL
- B. SQLSRV
- C. ODBC
- D. All of the above

Answer: D. All of the above

 **9. What does PDO stand for in PHP?**

- A. PHP Database Operations
- B. PHP Data Options
- C. PHP Data Objects
- D. PHP Dynamic Objects

Answer: C. PHP Data Objects

 **10. What is the advantage of using PDO in PHP?**

- A. It only supports MySQL
- B. It provides a uniform interface for different databases
- C. It simplifies HTML code
- D. It limits SQL queries

Answer: B. It provides a uniform interface for different databases

 **11. Which of the following is NOT supported by PDO?**

- A. MySQL
- B. Oracle
- C. MongoDB
- D. SQLite

Answer: C. MongoDB

 **12. Which function is used to execute a query in PDO?**

- A. pdo_query()
- B. query()
- C. pdo_exec()
- D. PDO::query()

Answer: D. PDO::query()

 **13. What is the correct PDO DSN string for connecting to MySQL?**

- A. mysql:host=localhost;dbname=testdb
- B. pdo:mysql;dbname=testdb
- C. dsn:mysql;host=testdb
- D. pdo_mysql:host=localhost;db=testdb

Answer: A. mysql:host=localhost;dbname=testdb

 **14. Which function is used in PDO to prepare an SQL statement?**

- A. PDO::prepare()
- B. PDO::bind()
- C. PDO::stmt()
- D. PDO::queryPrepare()

Answer: A. PDO::prepare()

 **15. What PHP extension provides object-oriented and procedural interface to MySQL?**

- A. MySQLi
- B. SQLite
- C. PostgreSQL
- D. Oracle

Answer: A. MySQLi

 **16. Which of the following database types is NOT relational?**

- A. MongoDB
- B. MySQL
- C. PostgreSQL
- D. SQLite

Answer: A. MongoDB

 **17. Which extension is used for working with Oracle databases in PHP?**

- A. PDO
- B. OCI8
- C. oci_connect
- D. Both B and C

Answer: D. Both B and C

 **18. Which of the following PHP extensions support named placeholders in prepared statements?**

- A. MySQLi
- B. PDO
- C. SQLite
- D. pgSQL

Answer: B. PDO

 **19. What function is used to check if a PDO connection is successful?**

- A. isset(\$pdo)
- B. \$pdo->connect_status
- C. try...catch block
- D. PDO::connected()

Answer: C. try...catch block

 **20. Which one of these is a serverless database engine used in PHP?**

- A. MySQL
- B. SQLite
- C. PostgreSQL

D. Oracle

Answer: B. SQLite

 **21. How do you retrieve the last inserted ID in PDO?**

A. \$pdo->lastInsertId()

B. \$pdo->getLastId()

C. \$pdo->getInsertedId()

D. \$pdo->lastID()

Answer: A. \$pdo->lastInsertId()

 **22. What is the maximum size of a SQLite database?**

A. 100 MB

B. 2 GB

C. 140 TB

D. Unlimited

Answer: C. 140 TB

 **23. What is a common file extension for SQLite database files?**

A. .db

B. .sql

C. .sqlite3

D. Both A and C

Answer: D. Both A and C

 **24. Which PHP extension supports asynchronous queries with PostgreSQL?**

A. PDO

B. pgSQL

C. pg_connect

D. pg_send_query

Answer: D. pg_send_query

 **25. How can you enable PDO support for PostgreSQL?**

A. Enable pdo_pgsql in php.ini

B. Install SQLite

C. Set \$pdo_pgsql = true;

D. Use MySQLi instead

Answer: A. Enable pdo_pgsql in php.ini

 **26. What does PDO::setAttribute() do?**

A. Sets SQL password

B. Sets fetch mode or error mode

C. Sets database name

D. Sets table column

Answer: B. Sets fetch mode or error mode

 **27. Which fetch style returns rows as an object in PDO?**

A. PDO::FETCH_ASSOC

B. PDO::FETCH_NUM

C. PDO::FETCH_OBJ

D. PDO::FETCH_ARRAY

Answer: C. PDO::FETCH_OBJ

 **28. Which PHP extension is deprecated and should not be used with new MySQL development?**

A. MySQLi

B. PDO

C. MySQL

D. SQLite3

Answer: C. MySQL

 **29. How do you fetch all rows in PDO from a result set?**

- A. \$stmt->getAll()
- B. \$stmt->fetch()
- C. \$stmt->fetchAll()
- D. \$stmt->queryAll()

Answer: C. \$stmt->fetchAll()

 **30. Which of the following is a non-relational database commonly used with PHP via extensions like MongoDB?**

- A. MySQL
- B. SQLite
- C. MongoDB
- D. PostgreSQL

Answer: C. MongoDB

1. What is the default port number for MySQL on Windows?

- A. 80
- B. 3306
- C. 1433
- D. 1521

Answer: B. 3306

 **2. Which installer is commonly used to install MySQL on Windows?**

- A. XAMPP
- B. MySQL Installer for Windows
- C. WAMP
- D. All of the above

Answer: D. All of the above

 **3. What does XAMPP stand for?**

- A. X Operating System, Apache, MySQL, PHP, Perl
- B. Xtra Apache, MySQL, PHP, Python
- C. XML Apache MySQL PHP Python
- D. None of the above

Answer: A. X Operating System, Apache, MySQL, PHP, Perl

4. Which of the following is used to start MySQL as a Windows service?

- A. mysql.exe
- B. mysqld --install
- C. mysql_install
- D. mysqlstart

Answer: B. mysqld --install

5. What tool can you use to manage MySQL graphically on Windows?

- A. phpMyAdmin
- B. MySQL Workbench
- C. HeidiSQL
- D. All of the above

Answer: D. All of the above

6. What is the default username for MySQL after installation?

- A. user
- B. mysql
- C. root
- D. admin

Answer: C. root

7. What command is used to verify the version of MySQL installed?

- A. mysql -ver
- B. mysql --version
- C. version
- D. mysql_check

Answer: B. mysql --version

8. Where is the main MySQL configuration file typically located on Windows (using default installation)?

- A. C:\mysql.ini
- B. C:\ProgramData\MySQL\MySQL Server 8.0\my.ini
- C. C:\Program Files\mysql\mysql.cnf
- D. C:\my_config.cnf

Answer: B. C:\ProgramData\MySQL\MySQL Server 8.0\my.ini

 **9. Which PHP file displays MySQL and PHP configurations in the browser?**

- A. server.php
- B. info.php
- C. config.php
- D. mysqlinfo.php

Answer: B. info.php

 **10. What is the correct content of info.php to check PHP-MySQL configuration?**

- A. echo "MySQL Version";
- B. phpinfo();
- C. mysql_info();
- D. php_mysql();

Answer: B. phpinfo();

 **11. Which directive in php.ini must be enabled to use MySQLi?**

- A. extension=mysqli
- B. enable_mysql
- C. use_mysql=true
- D. php_mysql=on

Answer: A. extension=mysqli

 **12. How do you restart MySQL service from the command line on Windows?**

- A. mysql -restart
- B. net start mysql
- C. mysqlservice start

D. restart mysql

Answer: B. net start mysql

 **13. What software bundle includes Apache, MySQL, PHP, and Perl?**

A. WordPress

B. phpMyAdmin

C. XAMPP

D. phpLiteAdmin

Answer: C. XAMPP

 **14. To connect PHP with MySQL, which extension should you prefer for modern applications?**

A. MySQL

B. PDO or MySQLi

C. MSSQL

D. SQLite

Answer: B. PDO or MySQLi

 **15. Which of the following file extensions is used for PHP files?**

A. .html

B. .js

C. .php

D. .sql

Answer: C. .php

 **16. What role does Apache play in PHP and MySQL integration?**

A. It stores databases

B. It is the database engine

C. It acts as the web server

D. It compiles PHP code

Answer: C. It acts as the web server

 **17. What does phpMyAdmin help you do?**

- A. Write PHP code
- B. Manage databases via GUI
- C. Run JavaScript
- D. Configure Windows firewall

Answer: B. Manage databases via GUI

 **18. Which TCP/IP port must be open to allow remote access to MySQL server?**

- A. 8080
- B. 3306
- C. 80
- D. 443

Answer: B. 3306

 **19. If you receive "Access denied for user 'root'@'localhost'", what is likely the issue?**

- A. PHP error
- B. Apache misconfiguration
- C. Incorrect MySQL password
- D. Browser cache

Answer: C. Incorrect MySQL password

 **20. To see all running services in XAMPP, which tab do you use?**

- A. Apache tab
- B. Status tab
- C. Services tab
- D. Admin tab

Answer: B. Status tab

 **21. Which function in PHP checks for connection errors using MySQLi?**

- A. mysqli_error()
- B. mysqli_connect_error()
- C. mysql_error()
- D. mysql_connect_error()

Answer: B. mysqli_connect_error()

 **22. What does localhost refer to in MySQL connection strings?**

- A. Remote server
- B. Another computer on LAN
- C. Current computer
- D. Database name

Answer: C. Current computer

 **23. Which line in php.ini should be uncommented to enable MySQLi?**

- A. ;extension=pdo_mysql
- B. extension=mysqli
- C. ;enable_mysql
- D. mysql_extension=true

Answer: B. extension=mysqli

 **24. Where can you find the MySQL service in the Windows Task Manager?**

- A. Under Apps
- B. Under Processes > Background processes
- C. Under Performance
- D. Under Startup

Answer: B. Under Processes > Background processes

 **25. How do you verify if MySQL is working using the command line?**

- A. mysql --test
- B. mysql -u root -p
- C. mysql /connect
- D. mysql -start

Answer: B. mysql -u root -p

26. What is the .sql file extension used for?

- A. PHP script
- B. CSS styles
- C. SQL script or dump
- D. HTML layout

Answer: C. SQL script or dump

27. If MySQL service fails to start, what is the first place to check?

- A. Apache logs
- B. MySQL Workbench
- C. my.ini configuration file
- D. Firewall rules

Answer: C. my.ini configuration file

28. Which environment variable should be set to run MySQL from the command line?

- A. MYSQL_VERSION
- B. PATH
- C. DB_PORT
- D. LOCALHOST

Answer: B. PATH

29. Which command is used to start MySQL manually if it's not set up as a service?

- A. mysql
- B. mysqld
- C. mysqladmin
- D. mysql-start

Answer: B. mysqld

 **30. To log into MySQL with root from CMD, which command is correct?**

- A. mysql -login root
- B. mysql -user root
- C. mysql -u root -p
- D. mysql --start root

Answer: C. mysql -u root -p

Database Connection and Selection

1. Which PHP function is used to connect to a MySQL database using MySQLi?
 - A. mysql_connect()
 - B. mysqli_connect()
 - C. connect_db()
 - D. pdo_connect()
- Answer:** B. mysqli_connect()
2. What does the mysqli_connect() function return on failure?
 - A. false
 - B. null
 - C. 0
 - D. true
- Answer:** A. false
3. Which of the following is required to connect to a MySQL database?
 - A. Hostname
 - B. Username
 - C. Password
 - D. All of the above
- Answer:** D. All of the above
4. What is the correct syntax to select a database after connecting using MySQLi?
 - A. mysqli_use_db(\$conn, "dbname")
 - B. mysqli_select_db(\$conn, "dbname")
 - C. use_database(\$conn, "dbname")
 - D. select_db("dbname", \$conn)
- Answer:** B. mysqli_select_db(\$conn, "dbname")
5. What PHP function is used to close a MySQLi database connection?
 - A. mysql_close()
 - B. mysqli_close()
 - C. db_close()
 - D. close_connection()
- Answer:** B. mysqli_close()

 **Creating and Altering Tables**

6. Which SQL command is used to create a new table?
- A. MAKE TABLE
 - B. NEW TABLE
 - C. CREATE TABLE
 - D. TABLE CREATE
- Answer:** C. CREATE TABLE
7. What SQL command is used to add a new column to an existing table?
- A. MODIFY TABLE
 - B. ALTER TABLE
 - C. ADD COLUMN
 - D. INSERT COLUMN
- Answer:** B. ALTER TABLE
8. How do you add a new column called `email` to a table `users`?
- A. ALTER users ADD email VARCHAR(255);
 - B. ALTER TABLE users ADD email VARCHAR(255);
 - C. MODIFY TABLE users ADD email;
 - D. UPDATE TABLE users ADD email VARCHAR(255);
- Answer:** B. ALTER TABLE users ADD email VARCHAR(255);
9. What SQL clause is used to change a column name in a table?
- A. RENAME COLUMN
 - B. ALTER COLUMN
 - C. MODIFY COLUMN
 - D. CHANGE
- Answer:** D. CHANGE
10. Which PHP function is used to execute SQL queries?
- A. mysqli_query()
 - B. sql_query()
 - C. execute_sql()
 - D. mysql_query()
- Answer:** A. mysqli_query()
-

⊕ Inserting Data

11. Which SQL statement is used to insert new data into a table?
- A. ADD
 - B. INSERT
 - C. UPDATE
 - D. PUT
- Answer:** B. INSERT
12. What is the correct SQL syntax to insert a new row into `students` table?
- A. INSERT INTO students VALUES ('John', 18);
 - B. ADD INTO students ('John', 18);
 - C. INSERT IN students ('John', 18);
 - D. PUT students VALUES ('John', 18);
- Answer:** A. INSERT INTO students VALUES ('John', 18);

13. What does `mysqli_affected_rows()` return?
- A. Number of rows fetched
 - B. Number of rows updated/inserted/deleted
 - C. Number of columns
 - D. Result set
- Answer:** B. Number of rows updated/inserted/deleted
14. Which PHP function escapes special characters in a string before SQL execution?
- A. `mysqli_real_escape_string()`
 - B. `htmlspecialchars()`
 - C. `escape_sql()`
 - D. `sql_safe()`
- Answer:** A. `mysqli_real_escape_string()`
15. What is a placeholder used in prepared statements?
- A. ?
 - B. &
 - C. \$
 - D. @
- Answer:** A. ?
-

✖ Deleting and Updating Data

16. What SQL statement is used to delete data from a table?
- A. REMOVE
 - B. DELETE
 - C. DROP
 - D. ERASE
- Answer:** B. DELETE
17. What SQL statement is used to modify existing data in a table?
- A. CHANGE
 - B. EDIT
 - C. MODIFY
 - D. UPDATE
- Answer:** D. UPDATE
18. How do you delete all rows from a table without deleting the table itself?
- A. `REMOVE * FROM tablename;`
 - B. `DROP TABLE tablename;`
 - C. `DELETE FROM tablename;`
 - D. `CLEAR TABLE tablename;`
- Answer:** C. `DELETE FROM tablename;`
19. What clause is essential when using `UPDATE` to avoid changing all rows?
- A. WHERE
 - B. HAVING
 - C. SET
 - D. FROM
- Answer:** A. WHERE

20. Which SQL statement will update the name of a student with id 5 to "Alice"?

- A. MODIFY students SET name='Alice' WHERE id=5;
- B. UPDATE students SET name='Alice' WHERE id=5;
- C. SET name='Alice' WHERE id=5;
- D. ALTER students SET name='Alice' WHERE id=5;

Answer: B. UPDATE students SET name='Alice' WHERE id=5;

Retrieving and Processing Data

21. What SQL command is used to retrieve data from a table?

- A. GET
- B. SHOW
- C. SELECT
- D. FETCH

Answer: C. SELECT

22. What does mysqli_fetch_assoc() return?

- A. A numeric array
- B. An object
- C. An associative array
- D. Boolean

Answer: C. An associative array

23. Which function fetches all rows as an associative array?

- A. mysqli_fetch_all()
- B. mysqli_get_all()
- C. fetch_assoc()
- D. get_assoc()

Answer: A. mysqli_fetch_all()

24. What is the default fetch type of PDO::fetch()?

- A. PDO::FETCH_OBJ
- B. PDO::FETCH_BOTH
- C. PDO::FETCH_ASSOC
- D. PDO::FETCH_NUM

Answer: C. PDO::FETCH_ASSOC

25. How do you count the number of rows returned by a SELECT query in MySQLi?

- A. mysqli_count()
- B. mysqli_num_rows()
- C. num_rows()
- D. row_count()

Answer: B. mysqli_num_rows()

Performing Queries and Filtering

26. What SQL clause is used to filter records?

- A. WHERE
- B. SELECT
- C. FROM
- D. HAVING

Answer: A. WHERE

27. Which clause is used to sort results?

- A. SORT BY
- B. ORDER BY
- C. GROUP BY
- D. RANK BY

Answer: B. ORDER BY

28. Which clause is used to group rows with the same values?

- A. ORDER BY
- B. GROUP
- C. GROUP BY
- D. MERGE BY

Answer: C. GROUP BY

29. Which SQL keyword is used to combine rows from two or more tables?

- A. COMBINE
- B. JOIN
- C. MERGE
- D. BIND

Answer: B. JOIN

30. What clause is used to limit the number of returned rows?

- A. LIMIT
- B. ROWLIMIT
- C. TOP
- D. ROWS

Answer: A. LIMIT

❖ Advanced Operations and PHP Integration

31. What method is used to prepare a statement in MySQLi (OOP)?

- A. \$conn->query()
- B. \$conn->prepare()
- C. \$conn->execute()
- D. \$conn->statement()

Answer: B. \$conn->prepare()

32. Which function binds parameters to a prepared statement in MySQLi?

- A. bind()
- B. bind_param()
- C. bindValue()
- D. set_param()

Answer: B. bind_param()

33. Which function executes a prepared statement in MySQLi?

- A. exec()
- B. perform()
- C. run()
- D. execute()

Answer: D. execute()

34. Which of the following is not a valid MySQLi fetch function?

- A. mysqli_fetch_assoc()
- B. mysqli_fetch_array()
- C. mysqli_fetch_row()
- D. mysqli_get_result()

Answer: D. mysqli_get_result()

35. What PHP extension supports named placeholders?

- A. MySQL
- B. MySQLi
- C. PDO
- D. SQLite

Answer: C. PDO

Would you like the **remaining 15 MCQs** now or broken into a **printable format (PDF/Word)**?

4o

You said:

15 more mcq

ChatGPT said:

Here are the **remaining 15 MCQs** (36–50) on **PHP & MySQL: Connecting to databases, modifying and querying data, and processing result sets**, complete with **answers**:

Advanced Usage and Security

36. Which PHP extension allows object-oriented access to multiple types of databases including MySQL?

- A. MySQLi
- B. PDO
- C. ODBC
- D. OCI

Answer: B. PDO

37. What is the purpose of using prepared statements in PHP?

- A. To speed up SQL queries

- B. To simplify query syntax
- C. To prevent SQL injection
- D. To auto-generate tables

Answer: C. To prevent SQL injection

38. In PDO, what method is used to execute a prepared statement?

- A. run()
- B. exec()
- C. execute()
- D. perform()

Answer: C. execute()

39. How can you handle SQL query errors in PHP using MySQLi?

- A. Use mysqli_debug()
- B. Use mysqli_report()
- C. Use mysqli_error()
- D. Use mysqli_alert()

Answer: C. mysqli_error()

40. Which SQL statement removes a table from the database?

- A. DELETE TABLE
- B. REMOVE TABLE
- C. DROP TABLE
- D. ERASE TABLE

Answer: C. DROP TABLE

Data Handling and Manipulation

41. What will the TRUNCATE TABLE command do?

- A. Delete the entire table structure
- B. Delete all rows and reset auto-increment
- C. Delete only rows
- D. Delete one column

Answer: B. Delete all rows and reset auto-increment

42. Which SQL command is used to remove duplicate results?

- A. UNIQUE
- B. DISTINCT
- C. FILTER
- D. EXCLUDE

Answer: B. DISTINCT

43. How do you retrieve the current date in a SQL query?

- A. NOW()
- B. DATE()
- C. TODAY()
- D. CURRENT()

Answer: A. NOW()

44. Which clause is used with GROUP BY to filter grouped data?

- A. WHERE

- B. HAVING
- C. SELECT
- D. FILTER

Answer: B. HAVING

45. What SQL keyword is used to search for a pattern?

- A. MATCHES
- B. SEARCH
- C. LIKE
- D. PATTERN

Answer: C. LIKE