1) SQL – 01

* Creating Database
* Using Databases and Tables
* Primary Key - Foreign Key - Unique Key
* Adding column to a Table - Adding Values to Table
* Changing Column Property
* Not Null

2) SQL – 02

* Select Statement
* Where – AND – Or – (In - Not In) – (Like - Not Like)
* (Between - And) - (Is Not Null - Is Null) - Select Distinct
* Aggregate Functions
* Order By - Group By - Using Alliases (AS)
* Having – (Where vs Having) – Limit
* Ifnull() and Coalesce()

3) SQL – 03

* Insert Statement
* Inserting Data Into a New Table
* The Update Statement - The Delete Statement

4) SQL – 04

* Inner Join
* Duplicate Records
* Left Join - Right Join
* Join and Where Used Together
* Cross Join
* Using Aggregate Functions with Join
* Join More Than Two Tables
* Union Vs Union All

5) SQL -05

* Subqueris with IN Nested Inside Where
* Subqueries with EXISTS-NOT EXISTS nested inside WHERE
* Subqueries nested in SELECT and FROM
* Self Join – Views

6) SQL – 06

* Stored Routines
* Stored Procedures
* Stored procedures with an input parameter
* Stored procedures with an output parameter
* Variables
* User-defined functions in MySQL

7) SQL – 07

* Triggers
* BEFORE INSERT
* BEFORE UPDATE
* Indexes
* The CASE Statement

8) SQL – 08

* Window Functions
* The ROW\_NUMBER() Ranking Window Function
* The MySQL RANK() and DENSE\_RANK() Window Functions
* Working with MySQL Ranking Window Functions and Joins Together
* The LAG() and LEAD() Value Window Functions
* Aggregate Functions in the Context of Window Functions

9) SQL – 09

* Common Table Expression
* Common Table Expressions – Introduction
* Using Multiple Subclauses in a WITH Clause
* Temporary Tables
* Temporary Tables in Action
* Other Features of MySQL Temporary Tables