

## Oracle Database- DBA 12C

### Course Contents:

### Oracle Database 12c: Introduction to SQL (Exam IZO– 071)

- What is RDBMS?
- Terminologies Used
- Retrieving Data using the SQL SELECT Statement
- Restricting and Sorting Data
- Using Single-Row Functions to Customize Output
- Using Conversion Functions and Conditional Expressions
- Reporting Aggregated
- Data Using the Group Functions
- Displaying Data from Multiple Tables Using Joins
- Using the SET Operators
- Managing Tables using DML statements
- Introduction to Data Definition Language
- Introduction to Data Dictionary Views
- Creating Sequences, Synonyms, Indexes, Creating Views
- Managing Schema Objects, Retrieving Data by Using Sub queries
- Manipulating Data, Manipulating Data by Using Sub queries
- Controlling User Access
- Managing Data in Different Time Zones

### Introduction to Unix/Linux

- Introduction to Unix/Linux
- File system, OS processes
- Default shell, User accounts, User's home directory
- Using commands with options and arguments
- Using the Man pages
- Working with files and directories
- Determining the Current directory
- Displaying the Directory contents, changing directories
- Copying files and directories
- Moving and renaming files and directories
- Searching files and directories
- Displaying and customizing shell variables
- Understanding file and directory permissions

## Oracle Database 12c: Administration (Exam IZ0-062)

- Exploring the Oracle Database Architecture
- Oracle Database Management Tools
- Oracle Database Instance
- Configuring the Oracle Network Environment
- Managing Database Storage Structures
- Administering User Security
- Managing Space, Managing Undo Data, Managing Data Concurrency
- Implementing Oracle Database Auditing
- Backup and Recovery Concepts
- Backup and Recovery Configuration
- Performing Database Backups
- Performing Database Recovery
- Moving Data, Performing Database Maintenance
- Managing Performance, Managing Performance: SQL Tuning
- Managing Resources Using Database Resource Manager
- Automating Tasks by Using Oracle Scheduler

## Oracle Database 12c: Backup and Recovery (Exam IZ0-063)

- Oracle Data Protection Solutions
- Performing Basic Backup and Recovery
- Configuring for Recoverability
- Using the RMAN Recovery catalog
- Implementing Backup Strategies, Performing Backups
- Configuring RMAN Backup Options and Creating Backup of Non-Database files
- Using RMAN-Encrypted Backups
- Diagnosing Failures, Performing Restore and Recovery Operations
- Recovering Files Using RMAN
- Using Oracle Secure Backup
- Using Flashback Technologies
- Using Flashback Database
- Transporting Data, Duplicating a Database
- Monitoring and Tuning of RMAN Operations

## Oracle Database 12c: Managing Multitenant Architecture (Exam IZ0-063)

- Basics of Multitenant Container Database and Pluggable Database
- Creating a Multitenant Container Database and Pluggable database
- Managing Multitenant Container Database and Pluggable database
- Managing Table spaces in CDB and PDBs
- Managing Security in CDB and PDBs
- Backup, Recovery
- Flashback CDB and PDBs