



Test Content Checklist

Introduction to Oracle9i: SQL®
(Exam# 1Z0-007)

Writing Basic SQL Select Statements

- ☐ List the capabilities of SQL SELECT statements
- ☐ Execute a basic SELECT statement
- ☐ Differentiate between SQL statements and iSQL*Plus commands

Restricting and Sorting Data

- ☐ Limit the rows retrieved by a query
- ☐ Sort the rows retrieved by a query

Single Row Functions

- ☐ Describe various types of functions available in SQL
- ☐ Use character, number, and date functions in SELECT statements
- ☐ Use conversion functions

Displaying Data from Multiple Tables

- ☐ Write SELECT statements to access data from more than one table using equality and nonequality joins
- ☐ View data that generally does not meet a join condition by using outer joins
- ☐ Join a table to itself using a self-join

Aggregating Data Using Group Functions

- ☐ Identify the available group functions
- ☐ Use group functions

- ☐ Group data using the GROUP BY clause
- ☐ Include or exclude grouped rows by using the HAVING clause

Subqueries

- ☐ Describe the types of problems that subqueries can solve
- ☐ Define subqueries
- ☐ List the types of subqueries
- ☐ Write single-row and multiple-row subqueries

Producing Readable Output with iSQL*Plus

- ☐ Produce queries that require a substitution variable
- ☐ Produce more readable output
- ☐ Create and execute script files

Manipulating Data

- ☐ Describe each DML statement
- ☐ Insert rows into a table
- ☐ Update rows in a table
- ☐ Delete rows from a table
- ☐ Merge rows in a table
- ☐ Control transactions

Creating and Managing Tables

- ☐ Describe the main database objects
- ☐ Create tables
- ☐ Describe the datatypes that can be used when specifying column definition

- ☐ Alter table definitions

- ☐ Drop, rename, and truncate tables

Including Constraints

- ☐ Describe constraints
- ☐ Create and maintain constraints

Creating Views

- ☐ Describe a view
- ☐ Create, alter the definition, and drop a view
- ☐ Retrieve data through a view
- ☐ Insert, update, and delete data through a view
- ☐ Create and use an inline view
- ☐ Perform Top 'N' Analysis

Creating Other Database Objects

- ☐ Create, maintain and use sequences
- ☐ Create and maintain indexes
- ☐ Create private and public synonyms

Controlling User Access

- ☐ Create users
- ☐ Create Roles to ease setup and maintenance of the security model
- ☐ Use the GRANT and REVOKE statements to grant and revoke objects privileges