

CERTIFICATE IN ORACLE SQL & PL/SQL



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About Glister Eduversity

Today is the era of working parents and due to workload, they do not get enough time to support their children's education. Therefore, they are heavily blamed by all, in the current dialogue and debate about improving the education system, the disadvantages of improper parenting is known to all.

It is time to start parenting in the education system. With the Glister Eduversity, We present you the solution to all such problems switching towards telephonic parenting, proper guidance and development graph.

This is the first Indian institution to provide education care with parenting. Glister Education offers telephonic parenting with a right strategic plans for the student, online test series, seminar, scholarship programs, in really attractive packages.

We also guide their appointments as well as their strategies. So, let's don't wait, and achieve nothing less than success with Glister Eduversity Parenting cum Education Care.



Director: Amit Pandey

Mission

The mission of Glister Eduversity is to educate the citizens and citizen-leaders for our society.

We do this through our commitment to the transformative power of a liberal arts and sciences education.

Beginning in the classroom with exposure to new ideas, new ways of understanding and new ways of knowing, students embark on a journey of intellectual transformation.

Through a diverse living environment, where students live with people who are studying different topics, who come from different walks of life and have evolving identities, intellectual transformation is deepened and conditions for social transformation are created.

From this we hope that students will begin to fashion their lives by gaining a sense of what they want to do with their gifts and talents, assessing their values and interests, and learning how they can best serve the world.

Vision

Glister Eduversity will set the standard for residential liberal arts and sciences education in the twenty-first century. We are committed to creating and sustaining the conditions that enable all Glister Eduversity students to experience an unparalleled educational journey that is intellectually, socially, and personally transformative.

Welcome to the Glister Eduversity, Varanasi. For more than three years, Glister Eduversity has served as our nation's flagship comprehensive institution of higher education.

Our primary goal is to become one of the most prominent and excellent educational institutes in the world. We are fortunate to have a talented, highly committed teaching and support staff here to ensure the learning environment of our students is the best it can be. Our faculties are renowned scholars and accomplished practitioners who are actively engaged in the academic excellence and innovative research ideas of the modern world. Our students are innovators, engineers, managers, great scientists, entrepreneurs, and aspiring leaders - from every age group and are located at every corner of the country. Our unique teaching and learning process with a proper blend of theory and practice crosses the boundaries of nations towards industry-readiness and global excellence.

Program overview

Oracle Database is a relational database with object and Extensible Markup Language (XML) capabilities. In a relational database, all data is stored in two-dimensional tables that are composed of rows and columns. Oracle Database enables you to store data, update it, and efficiently retrieve it, with a high degree of performance, reliability, and scalability.

Oracle SQL & PL/SQL Certification course is valuable for Database Administrators, database designers, data warehouse administrators and support engineers. Knowledge of Computer fundamentals and Linux Operating System is desired. Familiarity with basic programming concepts and experience with DBMS like Dbase or FoxPro is an added advantage.

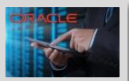
Salient Features



The Oracle Database is the most commonly used type of relational database. This creates demand For Certificate in Oracle SQL & PL/SQL.



The Oracle SQL & PL/SQL is commonly used by global enterprises, which manage and process Data Across wide and local area networks.



The Oracle SQL & PL/SQL is frequently ranked among the best jobs available, even among technology jobs, and Studies project a significantly higher-than-average growth in DBA jobs for the foreseeable future.

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Course Objective

The 3 Months “Certificate in Oracle SQL & PL/SQL” course is for the Learners who want to be a Programmer, with the aim to learn, develop and practice required by the market. In this course, the emphasis is put On the learner to acquire the ability to perform as a confident and competent Programmer.

The objectives of this course are to:

This course is mainly for those who are just starting the programming in Oracle. In this course we are covering all the fundamentals concepts in detail. The beginners will get good foundation of oracle programming after the course. Certificate in Oracle SQL & PL/SQL provides the essential SQL skills that allow developers to execute the queries against single and multiple tables, manipulate data in tables and creating database objects. Students will also learn how to use the advanced features of SQL in order to execute the query and manipulate data within the database, use the dictionary views to retrieve metadata and create reports about their schema objects.

Learning Outcomes:

- Become an expert in Oracle SQL & PL/SQL
- Get a top job as Oracle Database Administrator
- Prepare for Oracle DBA Certification exam
- End-to-end concepts and implementation of DBA tasks
- Understand Oracle Database architecture
- Installation/Configuration of Oracle Database
- Manage Oracle db instances, table space, storage
- User administration and access control
- Oracle Networking Environment
- Oracle Auditing and Locking
- Understand Flashback technology
- Backup and Recovery (user-managed and RMAN)
- Oracle Database Migration to Cloud
- Troubleshooting & support tasks

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Details of Programme: Certificate Certificate in Oracle SQL & PL/SQL

1. Title of the Course

The Course shall be called as "Certificate in Oracle DBA", a Regular course of 3 months (120 hrs.) Duration.

2. Duration of the Course

This is a regular course of 120 hrs. Extended over a period of 3 months duration.

3. What You Will Get:

You Will Get a Mark sheet and a Certificate That Will be Universally Acceptable.

4. Aims and Objectives of the Course

Oracle DBA provides the essential SQL skills that allow developers to execute the queries against single and multiple tables, manipulate data in tables and creating database objects. Students will also learn how to use the advanced features of SQL in order to execute the query and manipulate data within the database, use the dictionary views to retrieve metadata and create reports about their schema objects.

5. SCOPE:

Oracle Database Programmer, Analyst role, Unix Developer/Administrator, DBA PL/SQL performance optimization developer , Pro*c developer, SQL developer, PL/SQL administrator, ETL developer , Informatica Developer , DB2 professional etc

6. Syllabus

The syllabus is design to fulfill aforesaid objectives containing theory subjects as well as practical in Oracle SQL & PL/SQL

Introduction to RDBMS & ORDBMS	Theory : 50 Marks, Practical/Assignment : 50 Marks
SQL/PL-SQL Programming	Theory : 50 Marks, Practical/Assignment : 50 Marks
Stored Procedures	Theory : 50 Marks, Practical/Assignment : 50 Marks
Exception Handling	Theory : 50 Marks, Practical/Assignment : 50 Marks

7. Eligibility Conditions

Students must be familiar with data processing concepts and techniques

8. Course Fee: INR 7,500+GST/-

Content of Syllabus :

Unit 1:- Introduction to RDBMS & ORDBMS

Basic concepts about RDBMS, rules, models etc.

Unit 2:- SQL/PL-SQL Programming

Commands, control structures, procedure, functions etc.

Unit 3:- Stored Procedures

Creation and execution of Stored procedures, Cursors, triggers, packages etc.

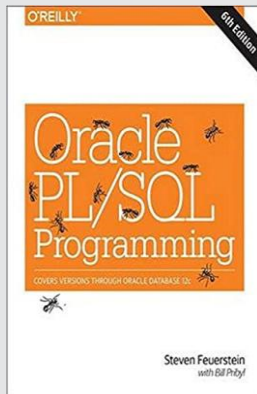
Unit 4:- Exception Handling

Exceptions, predefined exception, raising exceptions, user defined exceptions etc.

The Oracle logo is displayed in white, bold, uppercase letters. It is positioned in the lower half of the page, centered horizontally. The background behind the logo is a dark red gradient with a pattern of curved, parallel lines that create a sense of depth and motion, resembling a stylized architectural structure or a data flow visualization.

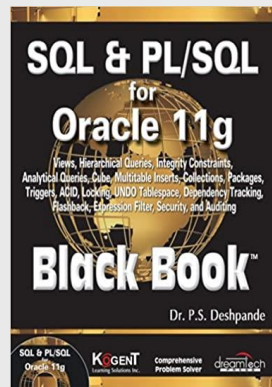
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Books For Reference



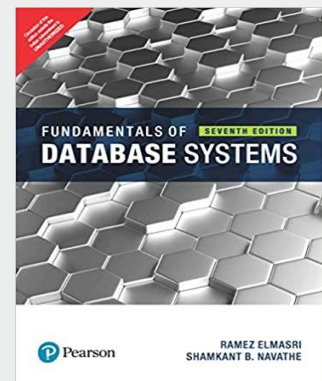
Oracle PL/SQL Programming 6ed

Steven



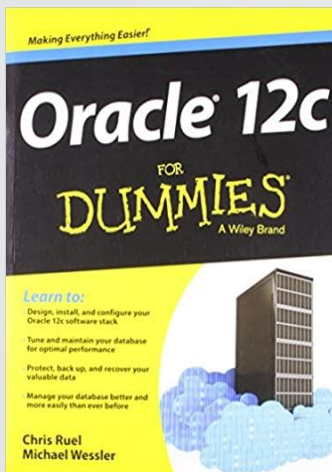
SQL & PL/SQL for Oracle 11g Black Book

Dr. P.s Pandey



Fundamentals of Database System

Pearson



Oracle 12c for Dummies

Chris Ruel



Oracle Database 12C: The Complete Reference

Byrla