



CHAPTER – 7



PL/SQL TECHNICAL INTERVIEW TIPS & PREPARATION

Let's make coding fun!



SAMPLE PL/SQL TECHNICAL INTERVIEW QUESTION

- Difference between SQL and PL/SQL and why do we need PL/SQL?

PL Sql vs Sql		
Comparison	SQL	PL/SQL
Execution	Single command at a time	Block of code
Application	Source of data to be displayed	Application created by data aquired by SQL
Structures include	DDL and DML based queries and commands	Includes procedures, functions, etc
Recommended while	Performing CRUD operations on data	Creating applications to display data obtained using sql
Compatibility with each other	SQL can be embedded into PL/SQL	PL/SQL cant be embedded in SQL

- Difference between %TYPE and %ROWTYPE
- Difference between in execution of Triggers and Procedures
- Differentiate between syntax and runtime errors?
- Difference between in execution of Triggers and Constraints and INSTEAD OF Trigger?
- What are the 3 modes of parameters?
- Why is %ISOPEN always false for an implicit cursor?



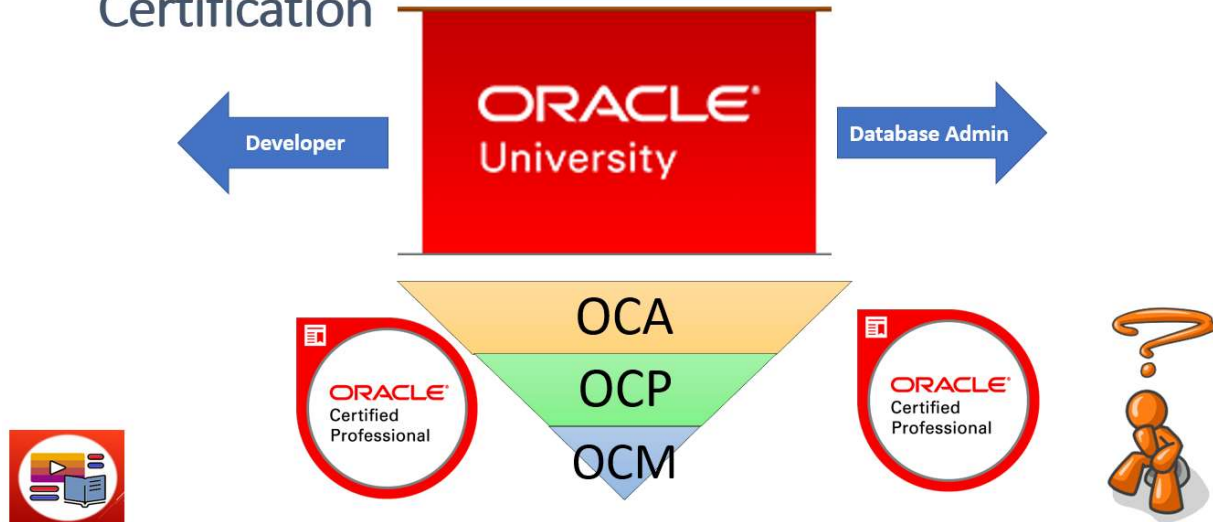
- What do you understand by Exception handling in PL/SQL? List the predefined exception?
- Difference between cursor declared in procedures and cursors declared in the package specification?
- What do you understand by PL/SQL Records?
- Write a PL/SQL script to display the following series of numbers: 99,96,93.....9,6,3?
- Bubble Sort or Odd Even Sort or any well-known algorithm to implement

SAMPLE NON TECHNICAL INTERVIEW QUESTIONS

- Tell me about yourself?
- How will you rate yourself for PL/SQL ?
- What do you like to do outside of work?
- How would your boss and co-workers describe you?
- How do you deal with pressure or stressful situations?
- Brainteaser question: How many tennis balls can you fit into a limousine?
- Do you have any questions for us? What are your salary requirements? Learn about Employer



Certification



The screenshot shows the Oracle University website interface. The top navigation bar includes the "ORACLE University" logo, a search bar with the text "What products are you looking for?", and links for "Contact Us", "Request Training", and a shopping cart showing "0 Items - \$0.00". Below the navigation bar are tabs for "Training", "Certification", and "For Partners". The main content area is divided into five columns:

- Why Certify:** Features a graphic of a person climbing a bar chart and the text "Certification Matters". Below it, it says "Get certified – advance your career" and "Learn How>". At the bottom, there is a "2019 ORACLE Certified Professional" badge and the text "NEW Java SE 11 Certification".
- Certification By Product:** Lists categories: "Cloud Training & Certification" (with sub-items: IaaS, PaaS, SaaS), "Products & Technology" (with sub-items: Database, Applications, Java, Business Intelligence, Middleware), and "Exams".
- Exams:** Includes links for "BUY AN EXAM VOUCHER", "REGISTER FOR YOUR EXAM", "Retirements", "ALL EXAMS", "Preparation", "Steps to Become Certified", "Course Submission Form", "Practice Tests", and "Exam Prep Seminar Packages".
- Support:** Includes links for "Contact Oracle Certification Support", "Frequently Asked Questions", "CertView", "Policies and Agreements", "Recertification Requirement", "Certification Benefits", "Why Get Oracle Certified", "Oracle Certification Masters", "Certification Benefits", and "Purchase Oracle Cert Goods".
- Resource Library:** Includes links for "Oracle Certification Program Overview", "Certification Matters", "Access Exams in Learning Subscription", "It's Good For Business", "Opportunity through Knowledge", "Plan Your Oracle Database Certification Path", "Plan Your Java Certification Path", "Stay Relevant as a DBA", "Get an Insider's Perspective on Recertification", "Introduction to the Oracle Certification Program (Video)", and "How to Register for your".



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Step 2

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Prepare for your certification exam by taking recommended courses with Oracle University.

[View Preparation Steps](#)

Step 3

Register for Your Exam

Once you identify which certification to pursue & have taken any course(s) that may be required, it's time to register.

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Basic Certification Information



Associate

- 63 Multiple choice questions
- 90 min
- 245 USD
- Training (optional)
- Webinar



Professional

- Pre-requisite Associate
- 63 Multiple Choice Questions
- 90 min
- 245USD
- Training (optional)
- Webinar



Expert/Master

- Pre-requisite Professional
- Level 1 – Multiple Type Exam
- Training (Mandatory)
- Level 2 - Assignment Submission
- Level 3 - Essay



Oracle Database Certification Path

	Oracle Certified Associate (OCA)	Oracle Certified Professional (OCP)	Oracle Certified Expert (OCE)	Oracle Certified Master (OCM)
Database Administrator	Oracle Database 12c R2 Requirements: 120-071 + 120-072	Upgrade to Oracle Database 12c R2 from 12c or 11g Requirements: 11g or 12c OCP + 120-074		
		Oracle Database 12c Requirements: 12c OCA + 1 course + 120-063	Oracle Database 12c Performance Management & Tuning Requirements: 12c OCE + 120-064	Oracle Database 12c Requirements: 12c OCP + 2 courses + 12c OCM
	Oracle Database 12c Requirements: 120-071 or 120-061 + 120-062	Upgrade to Oracle Database 12c from 7.3, 8, 8i, 9i, 10g, 11g Requirements: 120-060	Oracle Database 12c RAC & Grid Infrastructure Requirements: 11g or 12c OCP or 10g or 11g OCE + 120-068	Upgrade to Oracle Database 12c Requirements: OCM + 12c OCMU
		Upgrade to Oracle Database 12c from Oracle9i, Oracle Database 10g, 11g OCA Requirements: OCA + 1 course + 120-067	Oracle Database 12c Data Guard Required Exam: 11g or 12c OCP + 120-066	
	Oracle Database 11g Requirements: 120-071 or 120-061 + 120-062	Oracle Database 11g Requirements: 11g OCA + 1 course + 120-063	Oracle Database 11g RAC & Grid Infrastructure Requirements: 11g or 12c OCP + 120-068	Oracle Database 11g Requirements: 11g OCP + 2 Courses + 11g OCM
Database Developer	SQL Developer Requirements: 120-071	MySQL 5.6 Developer Requirements: 120-882		
		MySQL 5.6 OCP Database Admin Requirements: 120-883		
	PL/SQL Developer Requirements: 120-071 or 120-061 + 120-144	PL/SQL Developer Requirements: SQL OCA or OCE OR 11g or 12c OCP + 120-148		



IMPORTANT FACTS

- PL/SQL code outside the package reference objects from within the package using dot notation, declared in package specification called PUBLIC
- Objects that are declared inside the package body, their use is restricted to within that package only called PRIVATE
- Multiple procedures that are declared with the same name are called Overloaded Procedures.
- Multiple functions that are declared with the same name are called Overloaded Functions

CONCLUSION

In this chapter, we have shared some sample PL/SQL technical interview question and information about OCP PL/SQL developer certification.

