

CCXIII - ORACLE

UNIT I

Introduction to managing data – basic database concepts – characteristics of a relations dbms model. Interactive sql – invoking sql* plus – data manipulation in database management systems – the oracle data types – insertion of data into tables – updating the contents of a tables – deletion operations – the many faces of the select command – modifying the structure of the tables – removing / deleting / dropping tables – data constraints computations in expression lists used to select data – logical operations – range searching – pattern matching – oracle functions – grouping data from tables in sql – manipulating dates in sql – joins – sub queries. Using the union, intersect and minus clause – indexes – views – sequences – granting permission – revoking the permission given – pl/sql syntax, oracle translation locks – cursors.

UNIT II

Stored procedures – Syntax for creating stored procedures – An application using a procedure – Deleting a stored procedure – Stored functions – function – advantages of functions – Syntax for creating a stored function – An application using a function – Deleting a stored function – Database triggers – Types of trigger – Syntax for creating trigger – Deleting the trigger.

UNIT III

Working with forms. Basic concepts – Application development in forms. Form module – Using the forms designer – creating a form – Generating and running a form using the layout editor – Master form – property class and visual attributes – Property visual attributes.

UNIT IV

Master detail form – Creating a master detail form – Master detail form – Working with objects – Using radio button group – Creating and using a list item – Cross table updations – Parameter passing in forms – Using multiple canvasses on a form – Working with menus – Using the default menu – Using the custom menu – Attaching a menu module to a form – Opening a form through menu – Toolbars – Basic concepts.

UNIT V

Working with reports – Defining a data model for a report – Specifying the layout for a report – specify a runtime parameter form a report – Using interface – Default tabular report – Creating computed columns – Arranging the layout – Creating a Break report – Master Detail Report.

TEXT BOOK

Abey M and Corey M J, Oracle 8 – A Beginners Guide, TMH.