Diploma in RDBMS (VB/SQL/Oracle/D2K)

Course Code : DP-08	
Eligibility : 10th	**Duration :** 10 Months

MS Access

MS Access :-- Introduction , Different Between DBMS /RDBMS , Hierarchy , Database File , How to Start work , Create database using wizard , Create blank Database
Data base object :-- Table , Primary key , Manipulate data , Field properties , Relationships , Forms , Sub forms , Queries , Operators , Calculations , Update Query , Reports , Macro , Import data

MS Visual Basic

Computer programming , Introduction to Programming languages , Low level languages , Assembly language , Machine languages , Language Processors
Introduction to Visual Basic :-- Introduction to programming , Advantages& Disadvantages , Features , Edition
Building a VB Application :-- Project , Forms , Controls , Properties , Event procedures , Modules , VB Operate Modes , Setting Properties , Writing codes
Controls :-- VB standard controls
Data types :-- Types declaration character , Variables , Variable declaration , Default variant , Implicit , Explicit , Procedure level , Form level , Global level
Message Box
Operator in Visual basic :-- Introduction to operator , Arithmetic operator , Relational operator , Logical operator
Conditional branching :-- The if statement & select statement , Simple if statement , If else statement , Nested if statement , If else ladder , The select statement
Special Events :-- Change event , Key down , Key press , Lost focus
System built in Function :-- Data type functions , Math's functions , String function , Conversion function , Date function , Input box function
Loops :-- For loops , For each loops , While loops , Do while loops , With ....end with
Procedure &Modules :-- Introduction to procedure & function , Sub procedure , Function procedure , Property procedure , Let method , Get method , Set method , Modules
Menu editor :-- Introduction to menu editor , document interface , MDI form , Popup menus
Special controls :-- Toolbar control , Status bar , Calendar control , Date picker , Ms tabbed dialog control
Error in Debugging :-- Introduction to errors , Kinds of errors , Debugging , Handling run time error
Common Dialog Controls :-- Introduction to common dialog control , Open dialog control , Save dialog control , Font dialog control , Print dialog control
File System Object Component
Visual basic and data base :-- Introduction to data base , Data control , Database engine , ADO data control , Data control properties , Data bound control , ADO data control methods
Programming with ADO :-- Connection object , Command object , Recordset object , Cursor type , ADO library
ADO Data Environment

Ms Hierarchical flex grid control
Data Report :-- Introduction to data report , Report section , Other report section
Component Basic :-- Introduction to com , Active X EXE , Active X DLL , Active X Control , Check
the control , Creating active XDDL , Creating active X control , Package & Development Wizard

RDBMS Concepts , Oracle , SQL

Oracle Product details , Different data base model , RDBMS components –Kernel , Data
dictionary , client /server computing and oracle , Overview of oracle architecture –oracle files ,
system and user process , Oracle memory , system data base object , protecting data.
Oracle data type , working with tables , data Constraints , column level & table level constraints
, defining different constraints on the table defining integrity constraints in the ALTER TABLE
command , Select Command , logical operator , Range Searching , Pattern Matching , Oracle
Function , Grouping data from table in SQL , Manipulation Data in SQL Joining Multiple
Tables(Equi joins) , Joining a Table to self (Self joins) , Sub queries Union , intersect & Minus
clause , creating view Renaming the column of a view , granting permissions –updating ,
Selection , Destroying view.

Developer 2000

Identifying the Components of Oracle Developer 2000 , Forms 5.0 , Data Manipulation in Forms ,
Reports 3.0 and Graphics 3.0 , Creating a Basic Form Module , Exploring the Components and
Wizards of the Form Builder , Blocks and Frames , Creating a Simple Form Module , Creating a
Master-Detail Form Module , Creating Input and Non-Input Items in a Form Module , Creating
Text Items and Display Items , Create List Items and Checkboxes , Creating a Radio Group , Form
Triggers and Built-Ins , Describing the Scope of Form Triggers , Types of Form Triggers , Forms
Built-Ins , Debugging Form Triggers , Creating Windows, Canvases, and Menus , Creating
Windows in a Form Module , Creating Various Types of Canvases , Creating Menus and Popup
Menus , List of Values , Record Groups , Editor

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