1PGDCA4[A] - FOXPRO

UNIT-I

FOXPRO - The RDBMS for PC

FoxPro - Versions, features, rqeuirement of Hardware and Software

FoxPro - Menu System, Working with FoxPro

Creating Database File Some common operations on data- CREATE, LIST, APPEND, CLOSE, QUIT

FoxPro - Data Types

Viewining and Editing Data

Data Displaying and Monitoring Commands - DISPLAY, LIST, LOCATE, EDIT, CHANGE, BROWSE, REPLACE, DELETE, RECALL, PACK (All Commands with various Options)

Modify Structure, Memo Field and File Utilities -

File utilities in FoxPro - DISPLAY DIRECTORY, COPY, DELETE, RENAME.

UNIT-II

Sorting and Indexing of Database Files

Sorting & Indexing Concept

Sort Commands - Single & Multiple Key

Advantage & Disadvantages of Sort

Indexing Vs Sorting, Single & Multiple Key

Indexing, FIND, SEEK, Rushmore Technology

Printing Reports and Labels

FoxPro Report - its creation, features & Utilities, Preview, Printing CustomReport, grouping & Subgrouping.

FoxPro Label - Designing & Printing

UNIT-III

Memory Variables, Date & Time Functions and Keyboard Macros

Memory Variables - Creation and Uses, Simple Vs Array

Saving and Restoring Memory Variables, ?/??/??? Commands

Time & Date Functions and Commands, Date Arithmetic

Converting Defining Function Keys

Keyboard Macros - Creating and Using

Mathematical Commands and Functions

Arithmetic Operations, Mathematical Functions, Mathematical Commands, Statistical Functions.

UNIT-IV

Programming with FoxPro

Concepts of FoxPro commands file, Modify Commands

Conditioning , Branching and Looping within Program files with Do-While Enddo, If - Endif, Scan-Endscan, For - Endfor, Docase-Endcase, Text - Endtext, Executing Commands from other command files, Macro Substitution

Error Conditions and Program Debugging Aids

Common Error Massages

Debugging techniques and commands

UNIT-V

Multiple Data Files

Concept of Multiple Database Files - Using multiple database files

Relationing the database - SET RELATION, UPDATE, APPEND FROM, COPY TO, JOIN, Relation query by Example and SQL

Custom Screens & User Define Functions & other Tools

Create Custom Screen with @, @_GET, @_EDIT, _SAY_GET_READ, Creating Box & Lines, User Define Functions, Custom Screen Designing and their Use, FoxDoc for documentation

Text & Reference Books :

- **Foxpro Made Simple** by R.K.Taxali, BPB Publications
- **Mastering Foxpro 2.5** BPB Publications
- **Foxpro 2.6 for Dummies,** Pustak Mahal