SARDAR PATEL UNIVERSITY
Programme & Subject: B.Sc (Computer Science)
Semester: V
Syllabus with Effect from: June-2013

Paper Code: US05CCSC02	Total Credit: 3
Title Of Paper: Business Data Processing Through DBMS	

Unit	Description in detail	Weighting (%)
I	**Business Application** Definition & Terminology of Accounting Definition of accounting, Bookkeeping, Capital, Asset, Liabilities, Drawings, Creditors, Debts, Goods, Debtors, Bad Debts recovered, Solvent, Insolvent, Expenditure, Income, Trade Discount, Cash Discount Classification of accounts Objectives of accounting Advantages and limitations of accounting. Basic rule of accounting Meaning of Journal, Entries of journal with simple examples Posting of entries from journal Subsidiary books (cash books, bank books, petty cash book, purchase book, sales book, journal proper) with examples Posting of entries from subsidiary books Trial balance (Concept with examples) Advantage and limitation of trial balance	25%
II	**Database Management System** Meaning & importance of database Commands Create, modify structure, display structure, copy structure, clear, quit, append, append blank, edit, close database, clear all, close all, skip, locate, browse, replace, delete, recall, pack, dir, zap, display status, display memory, go, ?, ??, ???, input, accept, wait, copy file, rename Setting environment variables : Set talk, set echo, set status, set default, set bell, set step, set clock, set century, set date, set printer, set device, set alternate, set carry, set cursor, set escape, set unique, set color, set decimal, set deleted, set delimiters, set margins, set message, set path Definition of variable, store, all operators and expressions, str(), substr(), space(), replicate(), chr(), asc(),date(), time(), day(), month(), cmonth(), year(), dtoc(), cdow(), ctod(), dow(), sqrt(), log(), int(), abs(), round(), inkey(), curdir(), at(), stuff(), found(), recno(), reccount(), recsize(), readkey(), val().	25%
III	**Organization and maintaining database** Meaning of sorting, SORT with example Meaning of Indexing , INDEX, REINDEX Compound Index & Structural Index Difference between SORT & INDEX Find & seek, set order, set index EOF(), BOF() Concept of multiple databases, opening multiple databases, selecting work areas, set relation	25%

IV	**Handling Different Types Of Files** Command File :Meaning Of Command File, Modify Command, Loop, Exit. Do While..Enddo, If…Endif, If…Else…Endif (Nested If) For..Endfor, Scan…Endscan, Text…Endtext @ Say Command, Get, Read Handling Screen Display (Custom Screens) Defines Relations, Update, Append From, Copy To, Join, Macro Substitution. Report File : Creating Report Using The Report Writer (Create, Modify) Label File : Creating Label Using Create Label. Procedure File Meaning And Importance Of Procedure File Defining Procedure With Or Without Parameters, Set Procedure Inbuilt Function And Udfs. Small Programs Using Above Features	25%

Text Books :

➢ T.S. Grewal : Double Entry Bookkeepingsultan Chand & Sons Publication
➢ R.K. Taxali : Programming In Foxpro 2.5

Basic Text & Reference Books:-

➢ Charles Siegel : Mastering Foxpro   BPB Publications
➢ Prof. S. A. Sherlekar : Business Organization and Management
➢ Bussett : Computerised Accounting