Dbios

COMPUTER SCIENCE AND IT CHARTS

Size: 20"X26"

Laminated and Attached with Strips

Laminated and Framed on Board

New Additions

UPCOMING ADVANCE TOPICS

Size: 20"X26"Laminated and Attached with Strips
OR   Size: 20"X26"Laminated and Framed on Board

Advance topics in Programming

CH 2801   • NET Technologies
CH 2802   Java features
CH 2803   MATLAB Fundamentals
CH 2804   J2ME
CH 2805   Compiler Design

Advance Topics in Database Technologies

CH 2811   Big Data Concept
CH 2812   Data Mining
CH 2813   Data Warehousing
CH 2814   ORACLE System
CH 2815   MYSQL

Advance web Technologies

CH 2821   LAMP Technologies
CH 2822   Web Browsers
CH 2823   E-Commerce
CH 2824   PHP
CH 2825   HTML Fundamentals
CH 2826   Web Servers

Advance Computer Communication Technologies

CH 2830   Working of Internet
CH 2831   Cluster Computing
CH 2832   Network Security
CH 2833   Stenography
CH 2834   Hacking and Attacking
CH 2835   Networking Simulator (NS2)
CH 2836   Distributed Computing
CH 2837   Mobile Computing

Latest Trends in Computing

CH 2841   Neural Networks
CH 2842   Fuzzy Logic Concepts
CH 2843   Biometric System concepts
CH 2844   Cloud computing
CH 2845   Image Processing
CH 2846   Open Source Technologies
CH 2847   Android Operating Systems
CH 2848   Natural Language Processing

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COMPUTER HARDWARE CHARTS

CH 2180	IDE INTERFACE	CH 2186	BACKUP POWER SUPPLY
CH 2181	HARD DISK DRIVE	CH 2187	PC MOTHERBOARDS
CH 2182	COMPUTER POWER SUPPLY	CH 2188	SCSI INTERFACE
CH 2183	CD ROM DRIVE	CH 2189	FLOPPY DISK DRIVE - ARCHITECTURE
CH 2184	PC PORTS & CONNECTORS		& WORKING
CH 2185	SEMI CONDUCTOR MEMORIES	CH 2190	PC KEYBOARDS
		CH 2191	PC MOUSE
		CH 2192	COMPUTER SYSTEM BUSES

BASIC COMPUTER

CH 2101	SUMMARY OF DOS COMMANDS	CH 2121	FUNDAMENTALS OF 'C'-I
CH 2102	DOS COMMANDS	CH 2122	FUNDAMENTALS OF 'C'-II
CH 2103	AUXILLARY STORAGE DEVICES	CH 2123	FUNDAMENTALS OF 'C'-III
CH 2104	MEMORIES	CH 2124	PROGRAMMING LANGUAGE
CH 2108	INPUT DEVICES	CH 2127	C++ FUNDAMENTALS OF PATT-I
CH 2109	OUTPUT DEVICES	CH 2128	C++ FUNDAMENTALS OF PATT-II
CH 2125	TYPICAL TELNET & FTP COMMANDS	CH 2129	C++ FUNDAMENTALS OF PATT-III
CH 2126	OOPS FEATURES		

DATA BASE MANAGEMENT SYSTEM

CH 2114	DATA MODELS	CH 2134	NORMALISATIONS
CH 2131	DBMS ARCHITECTURE	CH 2135	RELATIONAL ALGEBRA
CH 2132	DATA BASE SYSTEM vs FILE SYSTEM	CH 2136	SQL COMMANDS
CH 2133	ENTITY RELATIONSHIP DIAGRAM		(STRUCTURED QUERRY LANGUAGE)

NETWORKING

CH 2105	OSI MODELS	CH 2111	TRANSMISSION MEDIAS
CH 2106	HUB/SWITCH	CH 2112	TYPES OF COMPUTER NETWORKS
CH 2107	NETWORK TOPOLOGIES	CH 2113	COMMUNICATION SWITCHING TECHNIQUES
CH 2110	MODES & FORMS OF DATA TRANSMISSION	CH 2141	IP-ADDRESS

A FEW PREVALENT SOFTWARES

CH 2115	MICROSOFT WORD	CH 2118	THE VISUAL BASIC IDE
CH 2116	MICROSOFT EXCEL	CH 2119	THE TOOL BARS OF VB
CH 2117	MICROSOFT POWER POINT		

SOFTWARE ENGG.

CH 2145	SOFTWARE LIFE CYCLE MODELS	CH 2146	SOFTWARE TESTING TECHNIQUES

OPERATING SYSTEM

CH 2151	OS COMPONENTS & FUNCTIONS	CH 2154	DEADLOCK MANAGEMENT
CH 2152	LINUX COMMANDS	CH 2155	PROCESS MANAGEMENT
CH 2153	CPU SCHEDULING ALGORITHMS		

ARTIFICIAL INTELLIGENCE

CH 2156	MAJOR COMPONENTS OF ARTIFICIAL INTELLIGENCE
CH 2157	EXPERT SYSTEM ARCHITECTURE
CH 2158	MAJOR ROBOT COMPONENTS

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COMPUTER GRAPHICS

CH 2161	GEOMETRIC TRANSFORMATIONS		CH 2165	PLANAR PROJECTIONS
CH 2162	LINE DRAWING ALGORITHMS		CH 2166	CLIPPING ALGORITHMS
CH 2163	CIRCLE DRAWING ALGORITHMS		CH 2167	WINDOWING TRANSFORMATIONS
CH 2164	ELLIPSE DRAWING ALGORITHMS			

DATA STRUCTURES

CH 2171	FUNDAMENTALS OF DATA STRUCTURES		CH 2174B	LINKED LISTS-II
CH 2172	STACK DATA STRUCTURE		CH 2175	TREE DATA STRUCTURES
CH 2173	QUEUE DATA STRUCTURE		CH 2176	SEARCHING TECHNIQUES
CH 2174A	LINKED LISTS-I		CH 2177	TYPICAL SORTING TECHNIQUES

Dbios COMPUTER PIONEERS

Size: 12"X18"Laminated and Framed on Board

Size: 20"X26"Laminated and Framed on Board

	PIONEERS	CONTRIBUTIONS
SCP 61	Charles Babbage	Father of Computer
SCP 62	Blasis Pascal	First Mechanical Calculator
SCP 63	Ada Augusta	The First programmer
SCP 64	William (Bill) H. Gates	Founder of Microsoft
SCP 65	Thomas J Watson	Founder of IBM
DCP 11	John Cocke	The concept of the Reduced Instruction Set Computer (RISC).
DCP 12	Douglas C. Engelbart	In Developing the Mouse as a Input Device,
DCP 13	Bob Frankston	Advancing the utility of Personal Computers
DCP 14	Carver Mead	Pioneering the automation, methodology and teaching of integrated circuit design.
DCP 15	Ken Olsen	For his introduction of the Minicomputer.
DCP 16	Pickette Wayne D	Inventor of the Principle of CPU on Chip
DCP 17	Dr. Vinton G. Cerf	Father of internet
DCP 18	Robert Elliot Kahn	Developed the TCP/IP
DCP 21	Ken Thompson	The Unix Operating System, and for development of the c Programming Language.
DCP 24	Paterson Tim	Developer of DOS
DCP 25	Dennis Ritchie	Pioneered the C Programming Language
DCP 26	Bjarne Stroustrup	Pioneered the C++ Programming Language
DCP 27	James Gosling	Developed the Java Programming Language
DCP 28	Brendan Eich	Creator of Java Script
DCP 29	Larry Ellison	In Developing Oracle
DCP 31	William (Bill) Coleman	Pioneer of Symantec
DCP 32	Michael Saul Dell	Founder of Dell
DCP 33	Mr. Raj Saraf	Founder of Zenith Computers
DCP 34	Azim Prem Ji	Founder of Wipro Computers
DCP 35	N. R. Narayana Murthy	Founder of Infosysys
DCP 36	Ratan Tata	Founder of TCS
DCP 38	Shiv Nadar	HCL Ltd.
DCP 39	Flint Charles Ranlett	Founding Father of IBM
DCP 40	Jason Allen	Co-Founder of Microsoft
DCP 41	Gordon E. Moore & Robert Noyce	Founder of INTEL
DCP 42	Andy Grove	Founder and Growth of INTEL
DCP 43	William Hewlett and David Packard	Founder of HP
DCP 44	Steve Jobs	CEO & Founder of Apple Computers
DCP 45	Steve wozniak	Co-Founder Apple Computer
DCP 46	Jerry Yang & David Filo	Yahoo.com
DCP 47	Larry Page and Sergey Brin	Google.com
DCP 48	Sabeer Bhatia	Hotmail.com
DCP 49	Grady Booch	Developing the Unified Modeling Language
DCP 50	Ted Codd	SQL Server
DCP 51	Allen Mathison Turing	The Turing Bombe Rebuild Project
DCP 52	Mark Elliot Zuckerberg	Facebook
DCP 53	Margaret Cushing	ebay

THOMAS JOHN WATSON, Sr.
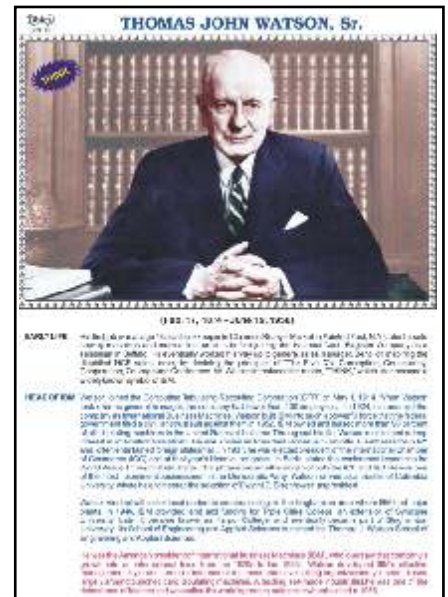
SCP 65

Dbios μ P CHARTS

Size: 30"X40"   **on White Rexine with Plastic Roller :**

MICRO PROCESSORS

CH 1509 8086 PIN-LAYOUT & ARCHITECTURE	CH 1550 8050 INTERRUPTS
CH 1545 8086 INSTRUCTION SET	CH 1513 8255A THE PROGRAMMABLE PERIPHERAL INTERFACE
CH 1545A 8086 INSTRUCTION SET	CH 1514 8155 & 8755: THE PROGRAMMABLE DEVICE
CH 1510 8085 BLOCK DIAGRAM	CH 1515 8279: THE PROGRAMMABLE KEYBOARD/DISPLAY INTERFACE
CH 1511 8085 PIN LAYOUT & SIGNAL REPRESENTATION	
CH 1512 8085 SET INSTRUCTION	CH 1516 8254 & 8259A: THE PROGRAMMABLE INTERNAL TIMER & INTERRUPT CONTROLLER

MICRO CONTROLERS

CH 1541 8051 ARCHITECTURE & PIN LAYOUT	CH 1543 8051 INSTRUCTION SET
CH 1542 8051 BLOCK DIAGRAM	CH 1544 8051 SFR: SPECIAL FUNCTION REGISTERS

Dbios COMPUTER HISTORY CHARTS

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DCH 01   Early Generation Computer
DCH 02   First Generation Computer
DCH 03   Second Generation Computer : Transistor
DCH 04   Third Generation Computer : Post 1960's
DCH 05   History of Internet

DCH 05

Dbios MADE DBMS EASY
Free CD Rom Version : ₹950/-
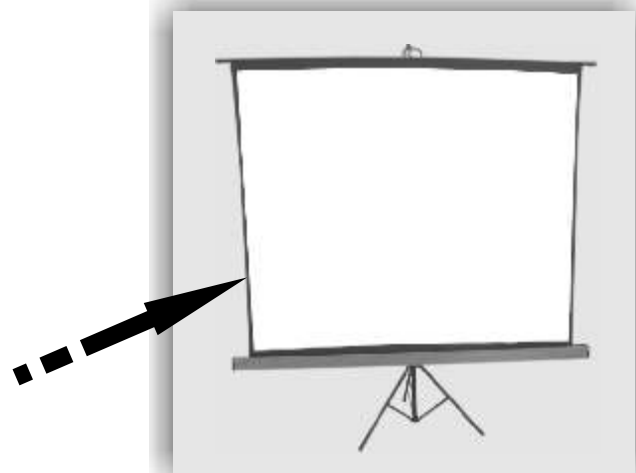On the Purchase of 50 Charts

PROJECTION SCREEN

PROJECTION SCREEN (WALL HANGING):

Size 120x130cm.

PROJECTION SCREEN (TRIPOD MODEL):

Size 120x130cm.

Dbios made **DBMS** easy

Dbios

Unit-I Introduction to Database Systems

1.1   What is DBMS?
1.2   Advantages of DBMS over file processing systems
1.3   Various views of database
1.4   Data independence
1.5   Database Languages
1.6   Database users
1.7   Responsibilities of Database Administrator
1.8   Data base Models
1.9   Hierarchical Model
1.10   Network Model
1.11   Network Model-Merits& demerits.
1.12   Three levels architecture of Database system.
1.13   History of databases.
1.14   Database applications
1.15   Disadvantages of using a DBMS

Unit-II Entity -Relationship model

2.1   Introduction
2.2   Components of E-R Model
2.3   Types of Attributes
2.4   Relationships
2.5   Mapping Constraints
2.6   Cardinality Ratio
2.7   Participation Constraints
2.8   Symbols for E-R Diagrams
2.9   E-R diagram Methodology
2.10   E-R diagrams-Example
2.11   E-R diagrams-Example
2.12   E-R diagrams-Example

Unit-III File Organization for database systems

3.1   What is File Organization for Databases?
3.2   Access Methods & Types
3.3   Sequential Access
3.4   Direct files Method
3.5   Hashing & its types
3.6   Hashing techniques (contd)
3.7   Hashing techniques (contd)
3.8   Indexed sequential file Access method
3.9   Inverted File organization
3.10   Inverted File organization(contd)
3.11   B-trees Index files
3.12   Factors for selecting File organization.

Unit-IV Relational Model

4.1   Relational Model
4.2   Properties of Relations
4.3   Relational Algebra
4.4   Selection operation
4.5   Projection operation
4.6   Set operations
4.7   Cartesian Product operation
4.8   Rename operation
4.9   Division operation
4.10   Join operation
4.11   Examples: *join operations*
4.12   Tuple Relational calculus
4.13   Domain Relational calculus

Unit-V Introduction to Query Languages

5.1   Overview of RDBMS
5.2   CODD'S 12-Rules
5.3   Concept of Keys
5.4   Structured query language (SQL)
5.5   SQL components
5.6   CREATE Table command
5.7   ALTER Table command
5.8   INSERT command
5.9   UPDATE command
5.10   DELETE command
5.11   SELECT command
5.12   DISTINCT clause
5.13   BETWEEN clause
5.14   IN clause
5.15   ORDER BY clause
5.16   GROUP BY clause
5.17   HAVING clause
5.18   Data types in SQL
5.19   SQL Functions
5.20   SQL functions(contd)
5.21   SQL operators
5.22   JOIN operations
5.23   JOIN operation(contd.)
5.24   PRIMARY KEY constraints
5.25   UNIQUE KEY constraints
5.26   FOREIGN KEY constraints
5.27   CHJECK constraints
5.28   DCL Commands
5.29   Indexes
5.30   Subquery
5.31   views
5.32   Views(contd)
5.33   Sequences
5.34   PL/SQL
5.35   PL/SQL(contd)
5.36   Triggers
5.37   Triggers(contd)

O.H.P. Transparencies Version : (Set of 160 Transparency)   **CD Rom Version :**

Print Out (Transparency) + CD Rom :