

TABLE OF CONTENTS

COMPUTER BASICS

Computer Basics	3
Various Types of Computers	3
Personal Computer	3
Personal Digital Assistant	4
Laptop Computer	4
Tablet PC	5
Main Frame Computer	5
Super Computer	5
Computer Hardware	6
Keyboard	6
Mouse	7
Monitor	7
Printer	8
Speakers	9
The Scanner	9
System Unit	10
Front Side of the System Unit	10
Back Side of the System Unit	11
Serial Port	11
Parallel Port	11
USB Port	11
Power socket	11
Fan	11
Inside the System Unit	12
Motherboard	12
Central Processing Unit	12
Basic Input Output Software	13
Memory	13
Other Hardware Devices	16
Computer Software	17
System Software	17
Application Software	17
About Computer Network	19
Network Building Blocks	20
Clients and Servers	20
Types of Network	20
Network Topologies	21
Bus Topology	21
Star Topology	21
Ring Topology	22
Networking Hardware	22
What's Important in a Server	22
Network Cable	22
Hubs and Switches	23
Repeaters	24
Bridges	24
Routers	24

WINDOWS VISTA

Chapter 1 : Introducing Windows Vista	29
Windows Vista	30
New Features of Windows Vista	30
Hardware Requirements to Install Windows Vista Business Edition	38
Installing Windows Vista on a New System	38

Table of Contents

Upgrading Windows XP System to Windows Vista Business Edition	44
Overview of the Desktop	44
The Start Menu	45
Launching a Program from the Start menu	46
Important Locations on Your Computer	46
Help in Windows Vista	48
Finding Information through Help and Support	49
Searching Help by Typing a Keyword	50
Setting Options in Help	51
Shutting Down the Computer	52
Chapter 2 : Personalizing the Desktop and Start Menu	53
Changing the Background of Desktop	54
Setting the Position of Background	56
The Recycle Bin	57
Taskbar	59
Previewing Through Taskbar	59
Working on the Start Menu	59
Pin a Program Icon to the Start Menu	60
Setting the Number of Frequently Used Programs	60
Organizing the Right Pane of the Start menu	61
Working on Windows Sidebar and Gadgets	64
Adding and Removing the Gadgets to Sidebar	64
Changing the Position of the Sidebar	65
Chapter 3 : Managing Files and Folders through Windows Explorer	69
Introduction to Windows Explorer	70
Using the Address Bar	73
Using the Toolbar	74
Using the Folders Pane	75
Working with Content Area	77
Copying and Moving Files Between Folders	83
Compressing a Folder	85
Hiding a Folder	86
Viewing Hidden Folders	89
Sharing a Folder	90
Sharing through Public Folder	90
Sharing through any Folder	97
Changing the Folder Icon	101
Searching Files and Folders	103
Searching Files and Folders Using Search Box	104
Deleting Files and Folders	107
Writing Data on CD and Pen Drive	108
Chapter 4 : Working with Windows Vista Programs	115
Windows Contacts	116
Creating a New Contact Group	121
Editing a Contact	124
Deleting a Contact or Contact Group	124
People Near Me	125
Windows Meeting Space	128
Inviting People to Join the Meeting	131
Opening an Invitation	134
Joining a Meeting	135
Saving Handouts and Leaving the Meeting	138
Windows Mail	139
Setting up Your E-mail Account	139
Sending an E-mail message	144
Opening an E-mail Message and Downloading the Attachment	145

Table of Contents

Blocking Unwanted E-mails	146
Moving an E-mail from the Junk E-mail Folder to the Inbox	150
Paint	151
Drawing a Shape in Paint	152
Calculator	153
Performing Calculations	154
Chapter 5 : Working with the Internet	157
New Features in Internet Explorer 7	158
Setting up an Internet Connection	159
Mandatory Hardware and Software Requirements for Using Internet Connection	159
Launching the Internet Explorer	162
Understanding the Layout of Internet Explorer	163
Adding/ Removing Command Bar Buttons	163
Adding the Menu Bar in the Internet Explorer Window	166
Concept of Tabs	167
Live Search	168
Favorites, Links, History	170
Setting Internet Options	174
Browsing the Web with Internet Explorer	176
Visiting a Site	176
Pop-up Blocker	178
Downloading Games and Songs and Gadgets	180
Blogs	184
Finding Information through Search Engine	190

INTRODUCTION TO MICROSOFT OFFICE 2007

First View of Microsoft Office 2007	201
Microsoft Office Button	202
Quick Access Toolbar	204
Title Bar	205
Ribbon	205
Using Keyboard Shortcut Keys for Executing Commands	206
Live Preview and SmartArt	207
Mini Toolbar	208
New File Extensions	208
Using Help in Microsoft Office 2007	209
Security in Microsoft Office 2007	209

MICROSOFT WORD

Chapter 1 : Exploring Word 2007	213
Introduction to MS Word 2007	214
Starting Word 2007	214
First View of Word 2007	215
Menus	217
About MS Word 2007 Options	224
Closing the Document	225
Exiting from MS Word 2007	226
Chapter 2 : Preparing the First Document	237
Considerations before Preparing a Document	228
Page Margins	228
Document Size	228
Orientation of the Document	228
Fonts	228
Setting Size, Margin and Orientation of a Document	229
Setting Page Size	229

Table of Contents

Setting Margins	230
Setting Orientations	231
Typing the Text	232
Entering Special Characters while Typing	232
Hyperlink	236
Changing the Font Type and its Size	238
Headings	241
Paragraphs	242
Adding Emphasis to Text and Paragraph	252
Inserting a Table	257
Setting Rows and Columns	257
Adding Information to the Table	260
Inserting Rows and Columns	261
Saving the Document	263
Saving a Document in MS Office	263
Printing the Document	265
Print Preview the document	265
Setting Printing Options	266
Closing the Document	267
Chapter 3 : Editing the Document	269
Finding and Replacing Text	270
Find instances of Text in the document	270
Replace text with another text	272
Checking Document for Spelling and Grammar mistakes	273
Correcting Spelling and Grammar mistakes	274
Choosing a Thesaurus	276
Translation	278
Translating word or sentence	278
Chapter 4 : Creating Form Letters, E-Mail Messages, and Labels	281
Understanding Mail Merge	282
Creating a Mail Merge Document	282
Deciding the Type of Document	282
Entering Data	283
Main Document	290
Creating the Main Document	290
Merging the Main Document with Data Source	299
Sending the Merged Document to the Printer	300
Saving the Main Document	301
Sending a Personalized E-Mail Message to Multiple Recipients	302
Modifying records in the Data Source	306
Adding a New Record	306
Changing an Existing Record	309
Deleting an Existing Record	310
Closing the Main Document	311
Envelopes and Labels	312
Creating an Envelope	312
Creating Labels	315

MICROSOFT EXCEL

Chapter 1 : Starting with Excel 2007	319
Spreadsheet	320
Introduction to Excel 2007	320
Starting Microsoft Excel 2007	321
Spreadsheet Basics	321
Cell and Cell Address	321
Cell Pointer	322

Table of Contents

Labels and Values	322
Formulas	322
Function	322
What-if Analysis	323
Automatic Recalculation	323
Formatting a Spreadsheet	324
First View of Microsoft Excel 2007	324
Office Button	324
Quick Access Toolbar	324
Title Bar	324
Minimize, Maximize, and Close Buttons	324
Menus	325
Formula Bar	330
Working Area	330
Scroll Bars	331
Sheets Tab	331
Status Bar and Navigation Pane	331
Overview of Excel Options	331
Closing the Worksheet and Quitting Excel	332
Chapter 2 : Preparing the First Excel Worksheet	333
Enter Data in Worksheet	334
Different Ways to Select Cells	336
Using Cut, Copy and Paste Commands in Worksheet	338
Performing Spelling-Check in Worksheet	340
Using Auto Correct	342
Formatting Cells	343
Adjusting Row and Column Area According to Your Requirement	343
Setting Currency Symbol, Decimal Places, Date and Time	346
Change Font, Font Style, Font Size, and Highlighting Cells	352
Setting Cell Alignment	358
Setting the Orientation of a Cell	361
Formatting Worksheet	362
Setting Margins to a Worksheet	363
Insert Header and Footer	364
Customizing Header and Footer	365
Choosing a Background for the Worksheet	365
Rename a Worksheet	367
Choosing a Center Page Alignment	369
Saving Workbook	369
Saving Workbook in Different Format	370
Assigning Password to Workbook	371
Preparing Worksheet for Printing	372
Adding Print Titles, Row and Column Headings, and Gridlines for Printing	372
Insert Breaks	377
Print Preview the Worksheet	378
Printing Worksheet	379
Chapter 3 : Conditional Formatting, Sorting and Filtering Data	381
About Conditional Formatting	382
Applying Conditional Formatting	382
Modifying Rules in Conditional Formatting	389
About Sort and Filter	393
Sorting Data	393
Filtering Data	394
Chapter 4 : Charts and SmartArt	397
Selecting the Chart Type	398
Categories of Charts	398

Table of Contents

Choosing the Chart Type for any Given Data	402
Setting the Chart Options	403
Resizing and Positioning the Charts in a Worksheet	406
Converting a Chart Type into another Type	407
SmartArt in a Worksheet	408
Inserting SmartArt in a Worksheet	409
Adding Text to a SmartArt	410
Choosing a Style of SmartArt	411
Making SmartArt as a Hyper Link	412
Chapter 5 : Functions in Excel	413
Mandatory Steps to use a Function	414
Follow the Syntax	414
Getting Required Information for a Function	414
Correcting Errors in a Function	415
Copy Only Function	416
Commonly Used Functions	418
SUM	418
Average	420
Count	421
Text Functions	422
FIND	422
REPLACE	424
CONCATENATE	425
Financial Functions	428
PMT	428
PV	429
RATE	430
DURATION Function	432
YIELD Function	433
DOLLARDE Function	434

MICROSOFT POWERPOINT

Chapter 1 : Beginning with Microsoft PowerPoint	437
Introduction to Microsoft PowerPoint 2007	438
First view of Microsoft PowerPoint 2007	438
Tabs in PowerPoint 2007	439
Working Area	444
Scroll Bar	444
Notes Pane	444
Status Bar with Navigation Pane	444
Applying the Tool Tips	445
Setting PowerPoint Options	445
Chapter 2 : Preparing the First Presentation	451
Understanding the Structure of Presentation	452
Title Slide of Presentation	452
Title with Content Slides of a Presentation	452
Other Content Slides of Presentation	452
Organize Slides inside the Presentation	452
Creating a New Presentation	452
Create a Presentation with Blank Slide	453
Create a Presentation with Template	454
Adding Blank Slides in the Presentation	456
Working with Themes	456
Using Color Themes	457
Using a New Font and Background Theme	458
Searching for Themes Online	460

Table of Contents

Creating A Document Theme as Default	462
Working with Text	462
Adding Text Using a Placeholder	462
Adding Text Using a Text Box	462
Changing the Text Direction	463
Aligning the Text	464
Formatting the Text	465
Applying the Bulleted List	470
Applying the Spelling Check Feature	471
Using Translation Feature	473
Moving and Deleting Slides	474
Moving the Slides	474
Deleting the Slides	475
Saving Presentation in Different Formats	476
Closing the Presentation	479
Opening a Presentation	480
Chapter 3 : Inserting Charts, Smart Arts and Tables	483
Inserting Charts	484
Editing the Chart Data	485
Adding a Clip Art	487
Adding an Image File	488
Adding a Shape	489
Adding WordArt	490
Adding SmartArt	491
Creating Tables	492
Choosing a Style for the Table	493
Resizing a Table	494
Other Ways to Create a Table	494
Deleting a Table	497
Adding Movie and Sound Clip	498
Adding a movie	498
Add a Sound Clip	499
Printing in Microsoft PowerPoint	501
Applying Print Preview	501
Chapter 4 : Adding Animation in Slides	505
Understanding Animation and Action Buttons	506
Using an Animation	506
Applying Custom Animation	507
Applying Transitions to the Slides	509
Previewing the Animation	510
Removing the Animation	511
Actions	511
Adding Action to an Object	511
Editing an Action	512
Deleting Action	513
<u>MICROSOFT ACCESS</u>	
Chapter 1 : Introduction to Database	517
Understanding Databases	518
Table	518
Form	519
Query	519
Report	520
Database Management System (DBMS)	520
Introduction to Microsoft Office Access 2007	521
Template Categories	522

Table of Contents

Understanding Microsoft Office Access 2007 User Interface	523
Ribbon	524
Close Database and Quitting Microsoft Access	529
Chapter 2 : Creating Tables	531
Introduction to Tables	532
Opening Database	533
Modifying an Existing table (by adding fields)	535
Creating Second Table in the Database	535
Saving the Table	537
Adding Validation to the Table	537
Adding Validation to the EmployeeDetail Table	537
Adding Validation to Text Field	539
Adding Validation to Numeric Field	539
Adding Validation to the SalaryDetail Table	540
Defining the Primary Key	540
Create Relationship between Tables	543
Steps to create Relationship	543
Entering Record in a Table	544
Steps to Entering Record in EmployeeDetail Table	544
Editing Records in a Table	547
Selecting a Record (single or multiple)	547
Deleting a Record	548
Hiding a Field	549
Unhiding a Field	550
Closing the Table and Quitting Access	551
Chapter 3 : Creating Reports	553
Creating Reports	554
Open an existing database	554
Steps to Create Report based on table	555
Steps to Create Report based on Form	557
Steps to Create Report based on Query	558
Renaming and Saving the Report	559
Create Report through Report Design	560
Formatting the Report	562
Page Heading	562
Page Back Ground Color	563
Field Background Color	564
Insert the Logo in the report	565
Insert title in the Report header	565
Sorting the Report	567
Printing the report	569
Quitting Database	570

ABOUT THE CD

About the CD	573
Idea Behind the CD	574
Dual Language Feature	574
Minimum System Requirements	574
Overview of CD Contents	574
Comdex 14-in-1 Course Kit–Self Training Software	574
Getting Started With the CD	574
Viewing Simulation of a Topic	576
Simulation Overview Screen	577
Simulation Screen	577