

Table of Contents

Preface.....iii

MANUAL ACCOUNTING

1. Accounting Basics	1
Defining the Need for Accounting	2
Defining Accounting	2
Exploring the Branches of Accounting	3
Describing the Functions of Accounting	3
Listing the Advantages of Accounting	4
Listing the Limitations of Accounting	4
Explaining Important Terms in Accounting	4
Exploring the Concepts of Accounting	6
The Business Entity Concept	6
The Dual Aspect Concept	6
The Accounting Period Concept	6
The Cost Concept	6
The Money Measurement Concept	6
The Going Concern Concept	7
The Accrual Concept	7
The Matching Concept	7
Understanding the Conventions of Accounting	7
The Convention of Full Disclosure	7
The Convention of Materiality	7
The Convention of Consistency	8
The Convention of Conservatism	8
Describing an Account and its Types	8
The Personal Account	8
The Impersonal Account	9
Explaining the Rules of Debit and Credit	9
Describing a Journal	10
Recording a Transaction in a Journal	10
Defining a Compound Journal Entry	12
Describing a Ledger	13
Posting Transactions to a Ledger	14
Balancing an Account	15

Describing a Trial Balance	17
Objectives of the Trial Balance	18
Limitations of the Trial Balance	18
Methods of Preparing a Trial Balance	19
The Suspense Account	20
Describing a Financial Statement	20
The Trading Account	21
The Profit and Loss Account	21
The Balance Sheet	23
Understanding Adjustment Entries	24
Summary	25
Exercise	25

MS EXCEL 2010

2. Introduction to Excel 2010	29
Defining the Need for Excel	30
Exploring the New and Enhanced Features of Excel 2010	30
Understanding Workbooks and Worksheets	32
Starting Microsoft Excel 2010 Application	32
Exploring the Microsoft Excel 2010 User Interface	33
The File Tab	33
Quick Access Toolbar	34
The Title Bar	34
The Minimize, Maximize/Restore, and Close Buttons	34
The Ribbon	35
The Formula Bar	35
The Worksheet	35
Scroll Bars	36
The Sheet Tab	36
The Status Bar	37
Exploring the Ribbon	37
Understanding the Contextual Tab	44
Customizing the Ribbon	45

x Comdex Business Accounting with MS Excel 2010 and Tally.ERP 9 Course Kit

Exploring the Excel Options Dialog Box	49	Multisheet Range Selection	98
Closing a Workbook	50	Describing the Cut, Copy, and Paste Commands	100
Quitting the Excel Application	51	Using the Cut Command	100
Summary	51	Using the Copy Command	101
Exercise	51	Using the Paste Command	101
3. Working with Worksheets	53	Using the Drag-and-Drop Feature to Move Data	103
Exploring the Different Types of Data used in Excel	54	Working with a Range Name	104
Entering Data in a Worksheet	54	Specifying a Name to a Range	104
Saving a Workbook	57	Managing a Range Name	105
Opening an Existing Workbook	59	Summary	108
Working with Templates	61	Exercise	109
Creating a Workbook by using a Template	61	5. Formatting a Cell and Worksheet	111
Customizing a Template	64	Formatting Cells	112
Working with Cell Content	65	Adjusting the Row and Column of Cells	112
Editing Cell Content	65	Working with Fonts	117
Replacing Cell Content	65	Highlighting the Data of Cells	120
Deleting Cell Content	66	Working with Text Alignment	123
Working with Number Formatting	66	Formatting a Worksheet	129
Applying Number Formatting	66	Setting the Margins in a Worksheet	129
Adding Custom Number Formatting	68	Inserting Headers and Footers in a Worksheet	132
Managing Worksheets in a Workbook	74	Editing a Header and Footer	134
Adding a New Worksheet	75	Selecting a Background for a Worksheet	136
Renaming a Worksheet	76	Working with a Document Theme	137
Deleting a Worksheet	78	Summary	140
Hiding or Unhiding a Worksheet	78	Exercise	140
Working with Rows and Columns	81	6. Working with Charts, SmartArt	
Inserting Rows and Columns	81	Graphics, and Sparklines	143
Deleting Rows and Columns	83	Understanding Charts	144
Hiding or Unhiding Rows and Columns	85	Understanding Chart Type	144
Printing a Worksheet	89	Working with Charts	150
Summary	92	Working with Chart Options	160
Exercise	92	Working with SmartArt Graphics	165
4. Working with Cells and Ranges	95	Inserting SmartArt Graphics in a Worksheet	165
Understanding Cells and Ranges	96	Adding Text to a SmartArt Graphic	167
Describing Different Ways to Select		Selecting a Style for a SmartArt Graphic	168
Cells and Ranges	96	Understanding Sparklines	171
Continuous Selection	97	Working with Sparklines	171
Non-Continuous Selection	97	Creating Sparklines	171

Changing the Type and Color of Sparklines	174	Using the ABS Function	238
Highlighting Data Points	175	Using the FACT Function	240
Adjusting the Axes of a Sparkline	176	Using the FORECAST Function	242
Deleting Sparklines	179	Working with Text Functions	244
Summary	179	Using the EXACT Function	244
Exercise	180	Using the CONCATENATE Function	246
7. Visualizing Data using Conditional Formatting and Sorting and Filtering Data	183	Using the TRIM Function	248
Understanding Conditional Formatting	184	Using the LEN Function	249
Applying Conditional Formatting	184	Using the REPT Function	251
Managing Rules in Conditional Formatting	192	Using the UPPER Function	252
Understanding the Sort and Filter Features	202	Using the LOWER Function	254
Sorting Data	202	Using the PROPER Function	256
Filtering Data	205	Using the LEFT Function	257
Summary	210	Using the RIGHT Function	258
Exercise	210	Using the MID Function	260
8. Working with Formulas and Functions	213	Using the REPLACE Function	262
Defining the Basic Concepts used in Formulas	214	Using the SUBSTITUTE Function	263
Understanding Operators in Formulas	214	Using the FIND Function	265
Understanding Operator Precedence	216	Using the SEARCH Function	266
Understanding Cell Referencing	217	Working with Logical Functions	268
Defining the Basic Concepts used in a Function	218	Using the AND Function	269
Explaining the Function Syntax	218	Using the IF Function	271
Getting Information about a Function	218	Using the FALSE Function	272
Correcting Errors in a Function	220	Using the TRUE Function	273
Copying a Function	221	Using the OR Function	274
Working with Mathematical and Statistical Functions	224	Using the NOT Function	275
Using the Product Function	224	Using the IFERROR Function	277
Using the SUM Function	226	Working with the Lookup & Reference Functions	278
Using the ROUND Function	228	Using the COLUMN Function	279
Using the COUNT Function	229	Using the COLUMNS Function	281
Using the AVERAGE Function	231	Using the ROW Function	282
Using the MAX Function	232	Using the ROWS Function	284
Using the MIN Function	234	Using the LOOKUP Function	286
Using the STDEV.S Function	236	Using the VLOOKUP Function	289
		Using the HLOOKUP Function	292
		Working with the Date and Time Functions	294
		Using the NOW Function	295
		Using the DAY Function	297
		Using the WEEKDAY Function	298

Using the DATEVALUE Function	299	Adding a Value Based on a Condition	357
Using the NETWORKDAYS Function	300	Adding the Greatest Values from a Range	358
Using the WORKDAY Function	302	Adding Every Nth Value in a Range	360
Using the YEARFRAC Function	304	Counting the Number of Errors in a Range	361
Working with Financial Functions	306	Performing Calculations using Multi-Cell Array Formulas	363
Using the PV Function	306	Sorting a Value in a Range	363
Using the NPV Function	309	Returning Positive Values from a Range	365
Using the FV Function	311	Returning a List of Unique Items in a Range	366
Using the PMT Function	313	Summary	367
Using the NPER Function	315	Exercise	368
Using the RATE Function	317	10. Understanding PivotTable, What-if Analysis, and Solver	369
Using the PPMT Function	319	Working with a PivotTable	370
Using the IPMT Function	321	Creating a PivotTable	370
Using the CUMPRINC Function	324	Creating a PivotTable Chart Based on a PivotTable Report	374
Using the CUMIPMT Function	326	Using the Slicer to Filter PivotTable Reports	376
Using the DISC Function	328	Understanding What-if Analysis	385
Using the YIELD Function	330	Using the Data Table Tool	385
Using the DOLLARDE Function	333	Using the Scenario Manager Tool	391
Working with Auditing Tools	334	Using the Goal Seek Tool	401
Using the Trace Precedents Tool	335	Understanding Solver	403
Using the Trace Dependents Tool	336	Summary	408
Using the Remove Arrows Tool	336	Exercise	408
Using the Show Formulas Tool	337	11. Validating and Protecting Data	411
Using the Evaluate Formula Tool	338	Understanding Data Validation	412
Checking Errors	339	Setting the Criteria for Data Validation	413
Using the Watch Window Tool	341	Understanding Describing the Commonly used Types of Data Validation Criteria	418
Summary	343	Understanding Data Protection	424
Exercise	344	Protecting a Worksheet	424
9. Introducing Array Formulas	351	Protecting a Workbook	428
Understanding the Types of Arrays	352	Summary	432
One-Dimensional Arrays	352	Exercise	432
Two-Dimensional Arrays	352	12. Importing Data, Linking, and Consolidating a Worksheet	435
Defining Array Formulas	352	Importing Data	436
Multi-Cell Array Formula	353		
Single-Cell Array Formulas	354		
Defining the Array Constant	355		
Performing Calculations by using Single-Cell Array Formulas	357		

Importing Data from a Microsoft Word Document	436
Importing a Microsoft PowerPoint Presentation	444
Importing Data from Microsoft Access Database	446
Linking Worksheets and Workbooks	449
Consolidating a Worksheet	453
Consolidating Data by using the Paste Special Command	454
Consolidating Data by using Formulas	459
Consolidating Data by using the Consolidate Command	460
Summary	462
Exercise	463

13. Understanding VBA Macros 465

Working with VBA Macros	466
Recording a Macro	466
Running a Macro	468
Editing a Macro	469
Assigning a Macro to Quick Access Toolbar	473
Deleting a Macro	477
Adding a Digital Signature to a Macro Project	477
Protecting a VBA Code	481
Summary	486
Exercise	486

TALLY.ERP 9

14. Introduction to Tally.ERP 9 489

Features of Tally	490
Enhancement in Tally.ERP 9	490
Installation Procedure of Tally.ERP 9	491
Opening Tally.ERP 9	493
Components of the Tally.ERP 9 Window	493
The Horizontal Button Bar	493
The Gateway of Tally Screen	494
The Button Bar	495
The Product Information Bar	495
The Status Bar	496
Creating a Company	496
Summary	500
Exercise	500

15. Stock and Godown in Tally.ERP 9 503

Stock Groups	504
Creating a Stock Group	504
Displaying a Stock Group	505
Altering a Stock Group	506
Creating Multiple Stock Groups	506
Displaying Multiple Stock Groups	507
Altering Multiple Stock Groups	508
Stock Categories	508
Creating a Single Stock Category	509
Displaying a Single Stock Category	510
Altering a Single Stock Category	510
Creating Multiple Stock Categories	511
Displaying Multiple Stock Categories	511
Altering Multiple Stock Categories	512
Stock Items	513
Creating a Single Stock Item	513
Displaying a Single Stock Item	514
Altering a Single Stock Item	515
Creating Multiple Stock Items	515
Displaying Multiple Stock Items	517
Altering Multiple Stock Items	517
Units of Measure	518
Creating a Simple Unit	518
Creating a Compound Unit	518
Displaying a Unit	519
Altering Units	519
Godowns	520
Creating a Single Godown	520
Displaying a Single Godown	522
Altering a Single Godown	522
Creating Multiple Godowns	523
Displaying Multiple Godowns	523
Altering Multiple Godowns	524
Summary	525
Exercise	525

16. Groups, Ledgers, Vouchers and Orders	527	Setting the Format of a Balance Sheet	576
Introducing Groups	528	Configuring Country Settings	577
Creating a Single Group	528	Comparing Balance Sheets	578
Creating a Sub-Group	530	Adding a New Column and Changing the Currency Symbol in a Balance Sheet	579
Creating Multiple Groups	531	Displaying a Half Yearly Balance Sheet	580
Displaying Groups	533	Displaying a Detailed Balance Sheet	581
Altering Groups	534	Working with Profit & Loss A/c Report	583
Introducing Ledgers	536	Configuring Profit & Loss A/c	583
Setting Accounting Features	537	Displaying Profit & Loss A/c in a Different Currency	585
Setting Inventory Features	538	Selecting Methods of Valuation for Profit & Loss A/c	586
Setting Statutory & Taxation Features	539	Displaying the Weekly Profit & Loss A/c	587
Setting Ledger Configuration	540	Working with Stock Summary Report	588
Working with Ledgers	541	Configuring the Stock Summary Statement to Display the Flow of Goods	590
Create a Single Ledger	541	Displaying Consumption and Gross Profits	591
Introducing Vouchers	546	Selecting Stock Valuation for Stock Summary	591
Creating a Voucher	546	Opening Stock Summary	592
Displaying a Voucher	548	Understanding Ratio Analysis	594
Altering a Voucher	550	Working with Trial Balance Report	594
Creating a Voucher Entry	550	Configuring a Trial Balance Report	595
Introducing Purchase Orders	553	Displaying Detailed View of a Trial Balance Report	596
Creating a Purchase Order	554	Displaying the Ledger-wise Closing Balance in a Trial Balance Report	597
Altering a Purchase Order	557	Displaying a Trial Balance Report for a Particular Date	597
Deleting a Purchase Order	558	Accounting Reconciliation Statement	600
Introducing a Sales Order	559	Working with Day Book Report	601
Creating a Sales Order	559	Configuring a Day Book Report	602
Altering a Sales Order	561	Displaying the Detailed view of the Day Book Report	603
Deleting a Sales Order	562	Displaying the Day Book Report for a Particular Period	604
Introducing Invoices	563	Displaying a Day Book Report for a Particular Voucher	604
Creating an Invoice Entry	563	Summary	605
Setting Invoice Configuration	566	Exercise	605
Configuring Invoice Printing	567		
Printing Invoices/Vouchers	568		
Summary	570		
Exercise	570		
17. Reports in Tally.ERP 9	573		
Working with Balance Sheet	574		
Configuring Balance Sheet Options	575		

18. Payroll	607	Direct Taxes	674
Exploring Payroll in Tally.ERP 9	608	Indirect Taxes	674
Configure Payroll Settings	609	Tax Deducted at Source in Tally.ERP 9	676
Required Features to Create a Pay Slip	610	Features of TDS	676
Description of Payroll Info.	611	Benefits of TDS	677
Pay Heads	611	Create a Tax Ledger	679
Employee Groups	615	Creating Party Ledger	681
Creating Multiple Employee Groups	617	Creating a TDS Party Ledger	682
Employees	619	TDS Vouchers	684
Creating Multiple Employees	622	Printing a TDS Challan	688
Salary Details	625	Tax Collected at Source in Tally.ERP 9	690
Displaying the Salary Details	628	Creating Party Ledgers for Debtors/Creditors	691
Units (Work)	629	Creating Sales Ledgers for TCS	693
Altering Units (Work)	630	Creating a TCS Ledger under Duties and Taxes	694
Attendance/Production Type	631	Creating Sales Voucher for TCS	695
Voucher Types	633	Allowing Alteration of the TCS Rate for Sales Invoice	697
Working with Payroll Vouchers	635	Creating Payment Voucher of TCS in Tally	698
Attendance Vouchers	635	Printing a TCS Challan	699
Voucher Class in Payroll Vouchers	638	TCS Reports in Tally.ERP 9	699
Payroll Voucher Entry	640	Calculating VAT in Tally.ERP 9	700
Payroll Auto Fill Voucher Entry	641	VAT Classification	701
Defining Payroll Reports	642	Defining Ledger Masters	701
Working with Statements of Payroll Report	643	Creating a Purchase Ledger for VAT	702
Pay Slip Report	643	Creating a Purchase Exempt Ledger	703
Pay Sheets Report	647	Creating a Supplier Ledger	704
Payroll Statements Report	650	Creating a Sales Ledger for VAT	705
Describing Salary Disbursement	652	Creating VAT Ledger under Duties and Taxes Groups	706
Payment Voucher	652	Creating VAT Ledger under Direct Expenses/Income	707
Salary Disbursement through Bank Transfer	652	VAT Vouchers	708
Attendance Sheet Report	664	Purchase Voucher for VAT	708
Attendance Register Report	665	Sales Voucher (As Invoice) for VAT	710
Gratuity Report	666	Payment of VAT in Tally.ERP 9	711
Expat Reports	667	Journal Voucher	712
Contract Expiry Report	669	VAT Reports in Tally.ERP 9	713
Summary	669	Viewing the Sales Register	713
Exercise	670	Viewing VAT Statutory Reports in Tally.ERP 9	715
19. Taxation	673	Service Tax	717
Indian Tax Structure	674		

xvi Comdex Business Accounting with MS Excel 2010 and Tally.ERP 9 Course Kit ■

Enabling Service Tax in Tally	717	Summary	740
Creating a Service Tax Ledger	718	Exercise	740
Creating Sales Ledgers for Services	719	21. Tally.NET in Tally.ERP 9	743
Creating Purchase Ledgers for Services	721	Configuring the Tally.NET Feature	744
Creating Sales Vouchers in Tally.ERP 9	722	Assigning Security Levels	745
Creating a Purchase Voucher in Tally.ERP 9	725	Creating Security Controls	746
Summary	727	Creating Security Controls for Tally.NET User	747
Exercise	727	Creating Security Controls for Tally.NET Auditors	749
20. Important Features		Connecting a Company to the Tally.NET Server	750
of Tally.ERP 9	731	Logging as a Remote User	751
Taking Backup in Tally.ERP 9	732	Summary	753
Restoring Data in Tally.ERP 9	734	Exercise	753
Using E-mail in Tally.ERP 9	735	About the CD	755
Migrating Data from Tally 7.2 to Tally.ERP 9	738		