# **CONTENTS**

## CHAPTER 1

## Accounting Standards and

### Financial Reporting 2

Thinking Outside the Box

### FINANCIAL STATEMENTS AND FINANCIAL REPORTING 4

Accounting and Capital Allocation 4 What Do the Numbers Mean? It's the Accounting 5

The Challenges Facing Financial Accounting 5 Objectives of Financial Reporting 6 The Need to Develop Standards 7

#### PARTIES INVOLVED IN STANDARD-SETTING 7

Securities and Exchange Commission (SEC) 7 American Institute of Certified Public Accountants (AICPA) 9 Financial Accounting Standards Board (FASB) 9 Changing Role of the AICPA 12

#### GENERALLY ACCEPTED ACCOUNTING PRINCIPLES 13

FASB Codification 13 What Do the Numbers Mean? You Have to Step Back 15

### ISSUES IN FINANCIAL REPORTING 15

GAAP in a Political Environment 15 What Do the Numbers Mean? The Economic Consequences of Goodwill 16 The Expectations Gap 17 International Accounting Standards 18 Ethics in the Environment of Financial Accounting 19 Conclusion 19

CONVERGENCE CORNER INTERNATIONAL FINANCIAL REPORTING 20

FASB CODIFICATION 22

# CHAPTER 2

# Concepts Underlying

Financial Accounting 30 Is It an Asset or Not?

# CONCEPTUAL FRAMEWORK 32

The Need for a Conceptual Framework 32 What Do the Numbers Mean? What's Your Principle? 32 Development of a Conceptual Framework 33

FIRST LEVEL: BASIC OBJECTIVES 34

#### SECOND LEVEL: FUNDAMENTAL CONCEPTS 35

Qualitative Characteristics of Accounting Information 35

What Do the Numbers Mean? Show Me the Earnings! 37

Basic Elements 38

### THIRD LEVEL: RECOGNITION AND **MEASUREMENT CONCEPTS** 39

Basic Assumptions 40

What Do the Numbers Mean? Whose Company Is It? 40

Basic Principles of Accounting 42

Constraints 46

What Do the Numbers Mean? You May Need a

What Do the Numbers Mean? Living in a Material World 49

Summary of the Structure 50

CONVERGENCE CORNER THE CONCEPTUAL FRAMEWORK 51 FASB CODIFICATION 53

### CHAPTER 3

# Understanding the

# Accounting Information System 66

Needed: A Reliable Information System

#### **ACCOUNTING INFORMATION SYSTEM 68**

Basic Terminology 68 Debits and Credits 69 The Accounting Equation 70

Financial Statements and Ownership Structure 72

#### THE ACCOUNTING CYCLE 73

Identifying and Recording Transactions and Other Events 73

Journalizing 75

Posting 76

Trial Balance 80

Adjusting Entries 81

What Do the Numbers Mean? Am I Covered? 89

Adjusted Trial Balance 90

Preparing Financial Statements 91

What Do the Numbers Mean? 24/7 Accounting 92

Closing 92

Post-Closing Trial Balance 94

Reversing Entries 95

The Accounting Cycle Summarized 95

What Do the Numbers Mean? Statements,

Please 96

# FINANCIAL STATEMENTS FOR A MERCHANDISING COMPANY 96

Income Statement 96 Statement of Retained Earnings 97 Balance Sheet 97

Closing Entries 98

CONVERGENCE CORNER ACCOUNTING INFORMATION SYSTEMS 99

# APPENDIX 3A CASH-BASIS ACCOUNTING VERSUS ACCRUAL-BASIS ACCOUNTING 100

#### **CONVERSION FROM CASH BASIS TO ACCRUAL BASIS** 102

Service Revenue Computation 103 Operating Expense Computation 103

#### THEORETICAL WEAKNESSES OF THE CASH BASIS 104

APPENDIX 3B USING REVERSING ENTRIES 105

#### **ILLUSTRATION OF REVERSING ENTRIES—ACCRUALS 105**

# ILLUSTRATION OF REVERSING ENTRIES—DEFERRALS 106

#### **SUMMARY OF REVERSING ENTRIES 107**

# APPENDIX 3C USING A WORKSHEET: THE ACCOUNTING CYCLE REVISITED 107

#### **WORKSHEET COLUMNS 108**

Trial Balance Columns 108 Adjustments Columns 108

#### **ADJUSTMENTS ENTERED ON THE WORKSHEET 108**

Adjusted Trial Balance 109
Income Statement and Balance Sheet Columns 110

# PREPARING FINANCIAL STATEMENTS FROM A WORKSHEET 110

# CHAPTER 4

### **Examining the Income**

#### Statement 130

Which Income Number?

#### **INCOME STATEMENT** 132

Usefulness of the Income Statement 132 Limitations of the Income Statement 132 Quality of Earnings 133 What Do the Numbers Mean? Manage Up, Manage Down 134

#### FORMAT OF THE INCOME STATEMENT 134

Elements of the Income Statement 134 Single-Step Income Statements 135 Multiple-Step Income Statements 136 Condensed Income Statements 138

#### **REPORTING IRREGULAR ITEMS 139**

What Do the Numbers Mean? Are One-Time Charges Bugging You? 140
Discontinued Operations 141
Extraordinary Items 142
What Do the Numbers Mean? Extraordinary
Times 143

Unusual Gains and Losses 144 Changes in Accounting Principle 145 Changes in Estimates 146 Corrections of Errors 147 Summary of Irregular Items 147

#### SPECIAL REPORTING ISSUES 148

Intraperiod Tax Allocation 148
Earnings per Share 150
Retained Earnings Statement 151
Comprehensive Income 152

CONVERGENCE CORNER INCOME STATEMENT 155
FASB CODIFICATION 157

#### CHAPTER 5

**Examining the Balance** 

Sheet and Statement of Cash Flows 176

"There Ought to Be a Law"

#### **SECTION 1 BALANCE SHEET 178**

#### **USEFULNESS OF THE BALANCE SHEET** 178

What Do the Numbers Mean? Grounded 178

#### LIMITATIONS OF THE BALANCE SHEET 179

#### CLASSIFICATION IN THE BALANCE SHEET 179

Current Assets 181 Noncurrent Assets 184 Liabilities 186

What Do the Numbers Mean? "Show Me the Assets!" 187

Owners' Equity 189

Balance Sheet Format 189

What Do the Numbers Mean? Warning Signals 191

### ADDITIONAL INFORMATION REPORTED 191

Contingencies 192
Accounting Policies 192
Contractual Situations 192
What Do the Numbers Mean? What About Your
Commitments? 193
Fair Values 193

#### TECHNIQUES OF DISCLOSURE 194

Parenthetical Explanations 194
Notes 195
Cross-Reference and Contra Items 196
Supporting Schedules 196
Terminology 197

#### SECTION 2 STATEMENT OF CASH FLOWS 197

#### PURPOSE OF THE STATEMENT OF CASH FLOWS 197

What Do the Numbers Mean? Watch That Cash Flow 198

# CONTENT AND FORMAT OF THE STATEMENT OF CASH FLOWS 198

# OVERVIEW OF THE PREPARATION OF THE STATEMENT OF CASH FLOWS 200

Sources of Information 200 Preparing the Statement of Cash Flows 200 Significant Noncash Activities 202

#### USEFULNESS OF THE STATEMENT OF CASH FLOWS 203

What Do the Numbers Mean? Cash Is King? 204
Financial Liquidity 204
Financial Flexibility 204
Free Cash Flow 204

# CONVERGENCE CORNER BALANCE SHEET AND STATEMENT OF CASH FLOWS 206

APPENDIX 5A RATIO ANALYSIS—A REFERENCE 208

### USING RATIOS TO ANALYZE PERFORMANCE 208

**APPENDIX 5B SPECIMEN FINANCIAL STATEMENTS:** 

THE PROCTER & GAMBLE COMPANY 210 FASB CODIFICATION 239

#### CHAPTER 6

# Present Value Concepts

### and Measurement 262

The Magic of Interest

#### BASIC TIME VALUE CONCEPTS 264

Applications of Time Value Concepts 264
The Nature of Interest 265
Simple Interest 266
Compound Interest 266
What Do the Numbers Mean? A Pretty
Good Start 267
Fundamental Variables 270

#### SINGLE-SUM PROBLEMS 270

Future Value of a Single Sum 271
Present Value of a Single Sum 272
Solving for Other Unknowns in Single-Sum
Problems 274

#### **ANNUITIES 275**

Future Value of an Ordinary Annuity 276
Future Value of an Annuity Due 278
Examples of Future Value of Annuity
Problems 279
Present Value of an Ordinary Annuity 281

What Do the Numbers Mean? Up in Smoke 283 Present Value of an Annuity Due 283 Examples of Present Value of Annuity

#### MORE COMPLEX SITUATIONS 286

Problems 284

Deferred Annuities 286 Valuation of Long-Term Bonds 288 Effective-Interest Method of Amortization of Bond Discount or Premium 289

#### PRESENT VALUE MEASUREMENT 290

What Do the Numbers Mean? How Low Can They Go? 291 Choosing an Appropriate Interest Rate 291

Example of Expected Cash Flow 291

**FASB CODIFICATION 294** 

## CHAPTER 7

### **Understanding Cash and**

Receivables 318
No-Tell Nortel

SECTION 1 CASH 320

WHAT IS CASH? 320

#### **REPORTING CASH** 320

Cash Equivalents 320 Restricted Cash 321 Bank Overdrafts 322

#### **SUMMARY OF CASH-RELATED ITEMS 322**

What Do the Numbers Mean? Piling Up Cash 323

SECTION 2 RECEIVABLES 323

#### RECOGNITION OF ACCOUNTS RECEIVABLE 324

Trade Discounts 324 Cash Discounts (Sales Discounts) 325 Nonrecognition of Interest Element 326

#### **VALUATION OF ACCOUNTS RECEIVABLE 326**

Uncollectible Accounts Receivable 326
What Do the Numbers Mean?
"Too Generous"? 330
What Do the Numbers Mean? Collection Is a
Click Away 331

#### **RECOGNITION OF NOTES RECEIVABLE 331**

Note Issued at Face Value 332 Note Not Issued at Face Value 332 Choice of Interest Rate 335

#### **VALUATION OF NOTES RECEIVABLE 335**

What Do the Numbers Mean? Economic Consequences and Write-Offs 337

#### **DISPOSITION OF ACCOUNTS AND NOTES**

RECEIVABLE 337

Secured Borrowing 338
Sales of Receivables 339
Secured Borrowing versus Sale 341
What Do the Numbers Mean? Return to
Lender 342

#### PRESENTATION AND ANALYSIS 343

Presentation of Receivables 343 Analysis of Receivables 344

**CONVERGENCE CORNER CASH AND RECEIVABLES 345** 

APPENDIX TA CASH CONTROLS 347

**USING BANK ACCOUNTS 347** 

THE IMPREST PETTY CASH SYSTEM 348

PHYSICAL PROTECTION OF CASH BALANCES 349

#### **RECONCILIATION OF BANK BALANCES 349**

What Do the Numbers Mean? Bounce a Check, Get Banned 352

APPENDIX 78 IMPAIRMENTS OF RECEIVABLES 352

**BACKGROUND** 353

#### **IMPAIRMENT MEASUREMENT AND REPORTING 354**

Impairment Loss Example 355
Recording Impairment Losses 355
What Do the Numbers Mean? Lost in
Translation 356

**FASB CODIFICATION 357** 

## CHAPTER 8

**Accounting and Reporting** 

for Inventory: The Basics 380

Inventories in the Crystal Ball

#### **INVENTORY ISSUES 382**

Classification 382 Inventory Cost Flow 383 Inventory Control 385 What Do the Numbers Mean? Staying Lean 386

#### BASIC ISSUES IN INVENTORY VALUATION 386

#### PHYSICAL GOODS INCLUDED IN INVENTORY 386

Goods in Transit 387 Consigned Goods 387 Special Sales Agreements 388 What Do the Numbers Mean? No Parking! 389 Effect of Inventory Errors 389

#### COSTS INCLUDED IN INVENTORY 391

Product Costs 391 Period Costs 392 Treatment of Purchase Discounts 392
What Do the Numbers Mean? You May Need
a Map 393

### WHICH COST FLOW ASSUMPTION TO ADOPT? 393

Specific Identification 394 Average Cost 395 First-In, First-Out (FIFO) 396 Last-In, First-Out (LIFO) 397

#### SPECIAL ISSUES RELATED TO LIFO 398

LIFO Reserve 398

What Do the Numbers Mean? Comparing Apples
to Apples 399

LIFO Liquidation 399

Dollar-Value LIFO 401

What Do the Numbers Mean? Quite a
Difference 405

Comparison of LIFO Approaches 405

#### BASIS FOR SELECTION OF INVENTORY METHOD 408

Major Advantages of LIFO 406 Major Disadvantages of LIFO 407

Inventory Valuation Methods—Summary Analysis 410

**FASB CODIFICATION 413** 

#### CHAPTER 9

Inventories: Valuation and

#### Estimation Concepts 436

What Do Inventory Changes Tell Us?

#### LOWER-OF-COST-OR-MARKET 438

Ceiling and Floor 438
How Lower-of-Cost-or-Market Works 440
Methods of Applying Lower-of-Cost-orMarket 441
Recording "Market" Instead of Cost 442
What Do the Numbers Mean? "Put It in
Reverse" 444

Evaluation of the Lower-of-Cost-or-Market Rule 444

#### **VALUATION BASES** 445

Valuation at Net Realizable Value 445 Valuation Using Relative Sales Value 446 Purchase Commitments—A Special Problem 446

# THE GROSS PROFIT METHOD OF ESTIMATING INVENTORY 449

Computation of Gross Profit Percentage 450 Evaluation of Gross Profit Method 451 What Do the Numbers Mean? The Squeeze 451

#### **RETAIL INVENTORY METHOD 452**

Retail-Method Concepts 453 Retail Inventory Method with Markups and Markdowns—Conventional Method 453 Special Items Relating to Retail Method 456 Evaluation of Retail Inventory Method 457

#### PRESENTATION AND ANALYSIS 457

Presentation of Inventories 457 Analysis of Inventories 459

**CONVERGENCE CORNER INVENTORIES 460** 

APPENDIX 9A LIFO RETAIL METHODS 462

STABLE PRICES—LIFO RETAIL METHOD 462

FLUCTUATING PRICES—DOLLAR-VALUE LIFO **RETAIL METHOD 463** 

SUBSEQUENT ADJUSTMENTS UNDER DOLLAR-VALUE LIFO RETAIL 464

CHANGING FROM CONVENTIONAL **RETAIL TO LIFO 465** 

**FASB CODIFICATION 467** 

### CHAPTER 10

Property, Plant, and

Equipment: Acquisition and Disposition 488

Where Have All the Assets Gone?

PROPERTY, PLANT, AND EQUIPMENT 490

# **ACQUISITION OF PROPERTY, PLANT, AND**

**EQUIPMENT** 490 Cost of Land 491

Cost of Buildings 491

Cost of Equipment 492

Self-Constructed Assets 492

Interest Costs During Construction 493

Observations 498

What Do the Numbers Mean? What's in Your

Interest? 498

### **VALUATION OF PROPERTY, PLANT, AND EOUIPMENT** 498

Cash Discounts 499

Deferred-Payment Contracts 499

Lump-Sum Purchases 500

Issuance of Stock 501

Exchanges of Nonmonetary Assets 501

What Do the Numbers Mean? About Those

Swaps 506

Accounting for Contributions 506

Other Asset Valuation Methods 507

# COSTS SUBSEQUENT TO ACQUISITION 507

What Do the Numbers Mean?

Disconnected 508

Additions 509

Improvements and Replacements 509

Rearrangement and Reinstallation 510

Repairs 510

Summary of Costs Subsequent to Acquisition 511

#### **DISPOSITION OF PROPERTY, PLANT, AND**

**EQUIPMENT** 511

Sale of Plant Assets 511

Involuntary Conversion 512

Miscellaneous Problems 512

FASB CODIFICATION 514

CHAPTER 11 Property, Plant, and

Equipment: Cost Allocation and Impairment 538

Do They Matter?

### **DEPRECIATION—A METHOD OF COST ALLOCATION** 540

Factors Involved in the Depreciation Process 540

What Do the Numbers Mean?

Alphabet Dupe 542

Methods of Depreciation 542

Special Depreciation Methods 545

What Do the Numbers Mean? Decelerating

Depreciation 547

Special Depreciation Issues 548

What Do the Numbers Mean? Depreciation

Choices 551

#### **IMPAIRMENTS** 551

Recognizing Impairments 551

Measuring Impairments 552

Restoration of Impairment Loss 553

Impairment of Assets to Be Disposed Of 553

#### **DEPLETION** 554

Establishing a Depletion Base 554

Write-Off of Resource Cost 555

Estimating Recoverable Reserves 556

What Do the Numbers Mean? Rah-Rah

Surprise 557

Liquidating Dividends 557

Continuing Controversy 557

#### PRESENTATION AND ANALYSIS 559

Presentation of Property, Plant, Equipment, and

Natural Resources 559

Analysis of Property, Plant, and Equipment 560

**CONVERGENCE CORNER PROPERTY, PLANT, AND** 

**EQUIPMENT 562** 

#### APPENDIX 11A INCOME TAX DEPRECIATION 564

# MODIFIED ACCELERATED COST RECOVERY

SYSTEM 564

Tax Lives (Recovery Periods) 564 Tax Depreciation Methods 565

Example of MACRS System 565

#### **OPTIONAL STRAIGHT-LINE METHOD** 566

# TAX VERSUS BOOK DEPRECIATION 566

**FASB CODIFICATION 567** 

CHAPTER 12 Concepts and Reporting

#### Issues of Intangible Assets 588

Measuring the Intangible

#### **INTANGIBLE ASSET ISSUES** 590

Characteristics 590 Valuation 590 Amortization of Intangibles 591 What Do the Numbers Mean? Definitely Indefinite 592

#### TYPES OF INTANGIBLE ASSETS 592

Marketing-Related Intangible Assets 593 Customer-Related Intangible Assets 593 Artistic-Related Intangible Assets 594 Contract-Related Intangible Assets 595 Technology-Related Intangible Assets 595 What Do the Numbers Mean? Patent Battles 596 What Do the Numbers Mean? The Value of a Secret Formula 597 Goodwill 597

#### **IMPAIRMENT OF INTANGIBLE ASSETS 601**

Impairment of Limited-Life Intangibles 601 Impairment of Indefinite-Life Intangibles Other Than Goodwill 602 Impairment of Goodwill 602 Impairment Summary 603 What Do the Numbers Mean? What? Me Impaired? 603

#### RESEARCH AND DEVELOPMENT COSTS 604

Identifying R&D Activities 604 Accounting for R&D Activities 605 Costs Similar to R&D Costs 606 What Do the Numbers Mean? Branded 608 Conceptual Questions 608

# PRESENTATION OF INTANGIBLES AND

RELATED ITEMS 609

Presentation of Intangible Assets 609 Presentation of Research and Development Costs 609

**CONVERGENCE CORNER INTANGIBLE ASSETS 612** 

#### APPENDIX 12A ACCOUNTING FOR COMPUTER

#### **SOFTWARE COSTS** 614

The Profession's Position 615 Accounting for Capitalized Software Costs 615 Reporting Software Costs 616 Setting Standards for Software Accounting 616

CHAPTER 13 Accounting and Reporting

of Current and Contingent Liabilities 636

Now You See It, Now You Don't

#### **SECTION 1 CURRENT LIABILITIES** 638

#### WHAT IS A LIABILITY? 638

#### WHAT IS A CURRENT LIABILITY? 638

Accounts Payable 639 Notes Payable 639 Current Maturities of Long-Term Debt 641 Short-Term Obligations Expected to Be Refinanced 641 What Do the Numbers Mean? What About That Short-Term Debt? 643 Dividends Payable 643 Customer Advances and Deposits 643 Unearned Revenues 644 What Do the Numbers Mean? Microsoft's Liabilities—Good or Bad? 645 Sales Taxes Payable 645 Income Taxes Payable 646 Employee-Related Liabilities 646

#### SECTION 2 CONTINGENCIES 651

#### GAIN CONTINGENCIES 651

#### LOSS CONTINGENCIES 652

Likelihood of Loss 652 Litigation, Claims, and Assessments 654 Guarantee and Warranty Costs 655 Premiums and Coupons 657 What Do the Numbers Mean? Frequent Flyers 658 Environmental Liabilities 658 What Do the Numbers Mean? More Disclosure, Please 661 Self-Insurance 661

#### SECTION 3 PRESENTATION AND ANALYSIS 662

### PRESENTATION OF CURRENT LIABILITIES 662

#### PRESENTATION OF CONTINGENCIES 664

### **ANALYSIS OF CURRENT LIABILITIES** 665

Current Ratio 665 Acid-Test Ratio 666 **FASB CODIFICATION** 667

# CHAPTER 14

**Accounting and Reporting** 

# of Long-Term Liabilities 688

Your Debt Is Killing My Stock

## SECTION 1 BONDS PAYABLE 690

**ISSUING BONDS** 690

Diversity in Practice 614

**FASB CODIFICATION** 617

#### **TYPES AND RATINGS OF BONDS** 690

What Do the Numbers Mean? All About Bonds 691

# VALUATION OF BONDS PAYABLE—DISCOUNT AND PREMIUM 692

What Do the Numbers Mean? How's My Rating? 694 Bonds Issued at Par on Interest Date 694 Bonds Issued at Discount or Premium on Interest Date 695

Bonds Issued Between Interest Dates 696

### **EFFECTIVE-INTEREST METHOD** 697

Bonds Issued at a Discount 697 Bonds Issued at a Premium 698 Accruing Interest 699 Classification of Discount and Premium 700

#### COSTS OF ISSUING BONDS 700

#### **EXTINGUISHMENT OF DEBT** 701

What Do the Numbers Mean? Dead-Weight Debt 702

#### SECTION 2 LONG-TERM NOTES PAYABLE 703

NOTES ISSUED AT FACE VALUE 703

#### NOTES NOT ISSUED AT FACE VALUE 704

Zero-Interest-Bearing Notes 704 Interest-Bearing Notes 705

#### **SPECIAL NOTES PAYABLE SITUATIONS** 706

Notes Issued for Property, Goods, or Services 706 Choice of Interest Rate 707

**MORTGAGE NOTES PAYABLE** 708

SECTION 3 REPORTING AND ANALYZING LONG-TERM DEBT 709

#### OFF-BALANCE-SHEET FINANCING 709

Different Forms 709
Rationale 710
What Do the Numbers Mean? Obligated 711

#### PRESENTATION AND ANALYSIS OF

**LONG-TERM DEBT** 711

Presentation of Long-Term Debt 711 Analysis of Long-Term Debt 713

**CONVERGENCE CORNER LIABILITIES 714** 

#### **APPENDIX 14A TROUBLED-DEBT**

**RESTRUCTURINGS** 716

#### SETTLEMENT OF DEBT 717

Transfer of Assets 717
Granting of Equity Interest 718

#### **MODIFICATION OF TERMS** 718

Example 1—No Gain for Debtor 718 Example 2—Gain for Debtor 721

#### **CONCLUDING REMARKS** 722

FASB CODIFICATION 723

### CHAPTER 15

Accounting and Reporting

### of Stockholders' Equity 740

It's a Global Market

#### THE CORPORATE FORM OF ORGANIZATION 742

State Corporate Law 742 Capital Stock or Share System 742 Variety of Ownership Interests 743 What Do the Numbers Mean? A Class (B) Act 744

#### **CORPORATE CAPITAL** 744

Issuance of Stock 745

What Do the Numbers Mean? The Case of the
Disappearing Receivable 749

Reacquisition of Shares 749

What Do the Numbers Mean? Signals to Buy? 750

#### PREFERRED STOCK 754

Features of Preferred Stock 754
Accounting for and Reporting Preferred Stock 755

#### **DIVIDEND POLICY 756**

Financial Condition and Dividend Distributions 757
Types of Dividends 757
Stock Split 762
What Do the Numbers Magn? Splitsville 762

What Do the Numbers Mean? Splitsville 763
Disclosure of Restrictions on Retained Earnings 764

# PRESENTATION AND ANALYSIS OF STOCKHOLDERS' EQUITY 765

Presentation 765 Analysis 767

**CONVERGENCE CORNER STOCKHOLDERS' EQUITY 769** 

# APPENDIX 15A DIVIDEND PREFERENCES AND BOOK

**VALUE PER SHARE** 771

DIVIDEND PREFERENCES 771

# BOOK VALUE PER SHARE 772

**FASB CODIFICATION 774** 

### CHAPTER 16

**Accounting for Potential** 

**Equity Securities and EPS Reporting** 794 *Kicking the Habit* 

# SECTION 1 DILUTIVE SECURITIES ANDCOMPENSATION PLANS 796

**DEBT AND EQUITY 796** 

#### **ACCOUNTING FOR CONVERTIBLE DEBT** 796

At Time of Issuance 797 At Time of Conversion 797 Induced Conversions 797 Retirement of Convertible Debt 798

#### **CONVERTIBLE PREFERRED STOCK** 798

What Do the Numbers Mean? How Low Can You Go? 799

#### **STOCK WARRANTS** 799

Stock Warrants Issued with Other Securities 800 Rights to Subscribe to Additional Shares 803 Stock Compensation Plans 803

#### **ACCOUNTING FOR STOCK COMPENSATION 805**

Stock-Option Plans 805 Restricted Stock 807 Employee Stock-Purchase Plans 808 Disclosure of Compensation Plans 809 Debate over Stock-Option Accounting 809 What Do the Numbers Mean? A Little Honesty Goes a Long Way 811

#### SECTION 2 COMPUTING EARNINGS PER SHARE 811

#### **EARNINGS PER SHARE—SIMPLE CAPITAL STRUCTURE** 812

Preferred Stock Dividends 812 Weighted-Average Number of Shares Outstanding 813 Comprehensive Example 815

#### EARNINGS PER SHARE—COMPLEX CAPITAL STRUCTURE 816

Diluted EPS—Convertible Securities 817 Diluted EPS—Options and Warrants 819 Contingent Issue Agreement 820 Antidilution Revisited 821 EPS Presentation and Disclosure 821 What Do the Numbers Mean? Pro Forma EPS Confusion 823 Summary of EPS Computation 823

**CONVERGENCE CORNER DILUTIVE SECURITIES AND EARNINGS** PER SHARE 825

#### APPENDIX 16A ACCOUNTING FOR STOCK-

**APPRECIATION RIGHTS 827** 

SARS—SHARE-BASED EQUITY AWARDS 827

SARS—SHARE-BASED LIABILITY AWARDS 827

STOCK-APPRECIATION RIGHTS EXAMPLE 828

**APPENDIX 16B COMPREHENSIVE EARNINGS PER** 

**SHARE EXAMPLE 830** 

**DILUTED EARNINGS PER SHARE 831 FASB CODIFICATION 835** 

# CHAPTER 17 Debt and Equity

#### Investments 856

Who's in Control Here?

#### **INVESTMENT ACCOUNTING APPROACHES** 858

SECTION 1 INVESTMENTS IN DEBT SECURITIES 858

#### **HELD-TO-MATURITY SECURITIES** 859

#### **AVAILABLE-FOR-SALE SECURITIES** 861

Example: Single Security 862 Example: Portfolio of Securities 863 Sale of Available-for-Sale Securities 863 Financial Statement Presentation 864 What Do the Numbers Mean? What Is Fair Value? 865

#### **TRADING SECURITIES 865**

#### SECTION 2 INVESTMENTS IN EQUITY SECURITIES 866

#### **HOLDINGS OF LESS THAN 20%** 867

Available-for-Sale Securities 868 Trading Securities 870

#### HOLDINGS BETWEEN 20% AND 50% 870

Equity Method 870

#### **HOLDINGS OF MORE THAN 50% 872**

What Do the Numbers Mean? Consolidate This! 872

#### FAIR VALUE OPTION 873

Available-for-Sale Securities 873 Equity Method of Accounting 873 Financial Liabilities 874

#### SECTION 3 OTHER REPORTING ISSUES 874

#### **IMPAIRMENT OF VALUE 875**

#### **RECLASSIFICATION ADJUSTMENTS** 876

Comprehensive Example 877

#### TRANSFERS BETWEEN CATEGORIES 879

#### FAIR VALUE CONTROVERSY 880

Measurement Based on Intent 880 Gains Trading 880 Liabilities Not Fairly Valued 880 Fair Values—Final Comment 880

### **SUMMARY OF REPORTING TREATMENT OF SECURITIES** 880

What Do the Numbers Mean? More Disclosure, Please 881

**CONVERGENCE CORNER INVESTMENTS 882** 

#### APPENDIX 17A ACCOUNTING FOR DERIVATIVE

**INSTRUMENTS** 884

#### **DEFINING DERIVATIVES 884**

### WHO USES DERIVATIVES, AND WHY? 885

Producers and Consumers 885 Speculators and Arbitrageurs 885

# BASIC PRINCIPLES IN ACCOUNTING FOR DERIVATIVES 886

Example of Derivative Financial Instrument— Speculation 887

Differences between Traditional and Derivative Financial Instruments 889

#### **DERIVATIVES USED FOR HEDGING 890**

What Do the Numbers Mean? Risky Business 890 Fair Value Hedge 891 Cash Flow Hedge 893

#### OTHER REPORTING ISSUES 895

Embedded Derivatives 895 Qualifying Hedge Criteria 895 Summary of Derivatives Accounting 896

#### **COMPREHENSIVE HEDGE ACCOUNTING EXAMPLE 897**

Fair Value Hedge 898 Financial Statement Presentation of an Interest Rate Swap 899

#### **CONTROVERSY AND CONCLUDING REMARKS** 900

APPENDIX 17B VARIABLE-INTEREST ENTITIES 902

WHAT ABOUT GAAP? 902

#### **CONSOLIDATION OF VARIABLE-INTEREST ENTITIES** 903

Some Examples 904
What Is Happening in Practice? 904

APPENDIX 17C FAIR VALUE MEASUREMENTS AND DISCLOSURES 905

DISCLOSURE OF FAIR VALUE INFORMATION: FINANCIAL INSTRUMENTS—NO FAIR VALUE OPTION 905

DISCLOSURE OF FAIR VALUE INFORMATION:
FINANCIAL INSTRUMENTS—FAIR VALUE OPTION 907

DISCLOSURE OF FAIR VALUES: IMPAIRED ASSETS
OR LIABILITIES 907
FASB CODIFICATION 908

# CHAPTER 18

Recognizing Revenue 930

It's Back

#### THE CURRENT ENVIRONMENT 932

What Do the Numbers Mean? Grossed Out 932 Guidelines for Revenue Recognition 933 Departures from the Sale Basis 934

# REVENUE RECOGNITION AT POINT OF SALE (DELIVERY) 935

Sales with Buyback Agreements 935
Sales When Right of Return Exists 935
Trade Loading and Channel Stuffing 936
What Do the Numbers Mean? No
Take-Backs 937

### **REVENUE RECOGNITION BEFORE DELIVERY** 937

Percentage-of-Completion Method 938
Completed-Contract Method 943
Long-Term Contract Losses 944
Loss in Current Period 945
Disclosures in Financial Statements 947
What Do the Numbers Mean? Less
Conservative 948
Completion-of-Production Basis 948

#### **REVENUE RECOGNITION AFTER DELIVERY 948**

Installment-Sales Method 949 Cost-Recovery Method 956 What Do the Numbers Mean? Liability or Revenue? 958 Deposit Method 958 Summary of Product Revenue Recognition Bases 959

### **CONCLUDING REMARKS** 959

**CONVERGENCE CORNER REVENUE RECOGNITION 960** 

# APPENDIX 18A REVENUE RECOGNITION FOR SPECIAL SALES TRANSACTIONS 962

#### FRANCHISES 962

Initial Franchise Fees 963 Continuing Franchise Fees 964 Bargain Purchases 964 Options to Purchase 965 Franchisor's Cost 965 Disclosures of Franchisors 965

CONSIGNMENTS 965
FASB CODIFICATION 966

## CHAPTER 19

**Accounting and Reporting** 

Income Taxes 990
Tax Uncertainty

# FUNDAMENTALS OF ACCOUNTING FOR INCOME TAXES 992

Future Taxable Amounts and Deferred Taxes 993 What Do the Numbers Mean?

"Real Liabilities" 996

Future Deductible Amounts and Deferred Taxes 997

What Do the Numbers Mean? "Real Assets" 999

Income Statement Presentation 1000 Specific Differences 1001 Tax Rate Considerations 1004 What Do the Numbers Mean? Sheltered 1005

#### **ACCOUNTING FOR NET OPERATING LOSSES 1006**

Loss Carryback 1006
Loss Carryforward 1006
Loss Carryback Example 1007
Loss Carryforward Example 1007
What Do the Numbers Mean? Read Those
Notes 1011

#### FINANCIAL STATEMENT PRESENTATION 1011

Balance Sheet 1011
Income Statement 1013
What Do the Numbers Mean? NOLs: Good News
or Bad? 1016
Uncertain Tax Positions 1016

# REVIEW OF THE ASSET-LIABILITY METHOD 1017 CONVERGENCE CORNER INCOME TAXES 1019

# APPENDIX 19A COMPREHENSIVE EXAMPLE OF INTERPERIOD TAX ALLOCATION 1021

#### FIRST YEAR - 2009 1021

Taxable Income and Income Tax
Payable—2009 1022
Computing Deferred Income Taxes—End of
2009 1022

Deferred Tax Expense (Benefit) and the Journal Entry to Record Income Taxes—2009 1023 Financial Statement Presentation—2009 1024

#### **SECOND YEAR-2010** 1025

Taxable Income and Income Tax
Payable—2010 1026
Computing Deferred Income Taxes—End of
2010 1026

Deferred Tax Expense (Benefit) and the Journal Entry to Record Income Taxes—2010 1027 Financial Statement Presentation—2010 1027

FASB CODIFICATION 1028

# CHAPTER 20 Accounting for Pensions

# and Other Postretirement Benefits 1048

Where Have All the Pensions Gone?

#### **NATURE OF PENSION PLANS** 1050

Defined-Contribution Plan 1051
Defined-Benefit Plan 1051
What Do the Numbers Mean? Which Plan Is Right for You? 1052
The Role of Actuaries in Pension
Accounting 1053

#### **ACCOUNTING FOR PENSIONS 1053**

Alternative Measures of the Liability 1053 Recognition of the Net Funded Status of the Pension Plan 1055 Components of Pension Expense 1055

#### **USING A PENSION WORKSHEET** 1058

2010 Entries and Worksheet 1058
Amortization of Prior Service Cost (PSC) 1060
2011 Entries and Worksheet 1061
Gain or Loss 1063
What Do the Numbers Mean? Pension Costs
Ups and Downs 1064
2012 Entries and Worksheet 1067
What Do the Numbers Mean? Bouncing
Back 1069

# REPORTING PENSION PLANS IN FINANCIAL STATEMENTS 1069

Within the Financial Statements 1070
Within the Notes to the Financial Statements 1072
Example of Pension Note Disclosure 1073
2013 Entries and Worksheet—A Comprehensive
Example 1075

Special Issues 1076

What Do the Numbers Mean? Bailing Out 1079 Concluding Observations 1079

**CONVERGENCE CORNER POSTRETIREMENT BENEFITS 1080** 

# APPENDIX 20A ACCOUNTING FOR POSTRETIREMENT BENEFITS 1082

### **ACCOUNTING GUIDANCE 1082**

# DIFFERENCES BETWEEN PENSION BENEFITS AND HEALTHCARE BENEFITS 1083

What Do the Numbers Mean? OPEBs—How Big Are They? 1084

# POSTRETIREMENT BENEFITS ACCOUNTING PROVISIONS 1084

Obligations Under Postretirement Benefits 1085 Postretirement Expense 1086

#### **ILLUSTRATIVE ACCOUNTING ENTRIES 1086**

2010 Entries and Worksheet 1087 Recognition of Gains and Losses 1088 2011 Entries and Worksheet 1088 Amortization of Net Gain or Loss in 2012 1089

# DISCLOSURES IN NOTES TO THE FINANCIAL STATEMENTS 1090

# ACTUARIAL ASSUMPTIONS AND CONCEPTUAL ISSUES 1091

What Do the Numbers Mean? GASB Who? 1091 FASB CODIFICATION 1092

CHAPTER 21 Leasing: Accounting

issues 1114

More Companies Ask, "Why Buy?"

#### THE LEASING ENVIRONMENT 1116

Who Are the Players? 1116 Advantages of Leasing 1118 What Do the Numbers Mean? Off-Balance-Sheet Financing 1119 Conceptual Nature of a Lease 1119

#### **ACCOUNTING BY THE LESSEE 1120**

Capitalization Criteria 1121 Asset and Liability Accounted for Differently 1124 Capital Lease Method (Lessee) 1124 Operating Method (Lessee) 1127 What Do the Numbers Mean? Restatements on the Menu 1127 Comparison of Capital Lease with Operating Lease 1128

What Do the Numbers Mean? Are You Liable? 1129

#### **ACCOUNTING BY THE LESSOR 1130**

Economics of Leasing 1130 Classification of Leases by the Lessor 1131 Direct-Financing Method (Lessor) 1132 Operating Method (Lessor) 1135

#### SPECIAL ACCOUNTING PROBLEMS 1135

Residual Values 1136 Sales-Type Leases (Lessor) 1141 What Do the Numbers Mean? Xerox Takes On the SEC 1144 Bargain-Purchase Option (Lessee) 1144 Initial Direct Costs (Lessor) 1145 Current versus Noncurrent 1145 Disclosing Lease Data 1146

# LEASE ACCOUNTING—UNRESOLVED PROBLEMS 1148

What Do the Numbers Mean? Swap Meet 1150 **CONVERGENCE CORNER LEASE ACCOUNTING 1151** 

APPENOIN 22A EXAMPLES OF LEASE

**ARRANGEMENTS** 1153

**EXAMPLE 1: HARMON, INC. 1154** 

**EXAMPLE 2: ARDEN'S OVEN CO. 1155** 

**EXAMPLE 3: MENDOTA TRUCK CO. 1155** 

**EXAMPLE 4: APPLELAND COMPUTER 1156** 

APPENDIX 218 SALE-LEASEBACKS 1157

#### **DETERMINING ASSET USE 1157**

Lessee 1158 Lessor 1158

SALE-LEASEBACK EXAMPLE 1158 FASB CODIFICATION 1160

# CHAPTER 22

**Reporting Accounting** 

Changes and Error Analysis 1180

In the Dark

SECTION 1 ACCOUNTING CHANGES 1182

#### **CHANGES IN ACCOUNTING PRINCIPLE 1182**

What Do the Numbers Mean? Quite a Change 1184

Retrospective Accounting Change Approach 1184 What Do the Numbers Mean? Change Management 1186

Impracticability 1193

### CHANGES IN ACCOUNTING ESTIMATE 1195

Prospective Reporting 1195 Disclosures 1196

#### **CHANGE IN REPORTING ENTITY** 1197

#### **CORRECTION OF ERRORS** 1197

Example of Error Correction 1199

### SUMMARY OF ACCOUNTING CHANGES AND **CORRECTION OF ERRORS** 1201

What Do the Numbers Mean? Can I Get My Money Back? 1202

# MOTIVATIONS FOR CHANGE OF ACCOUNTING

METHOD 1203

SECTION 2 ERROR ANALYSIS 1204

**BALANCE SHEET ERRORS** 1204

**INCOME STATEMENT ERRORS** 1205

#### **BALANCE SHEET AND INCOME STATEMENT ERRORS** 1205

Counterbalancing Errors 1205 Noncounterbalancing Errors 1207

**COMPREHENSIVE EXAMPLE: NUMEROUS ERRORS 1208** 

# PREPARATION OF FINANCIAL STATEMENTS WITH

**ERROR CORRECTIONS** 1210

**CONVERGENCE CORNER ACCOUNTING CHANGES AND** ERRORS 1212

#### APPENDIX 22A CHANGING FROM OR TO THE

**EOUITY METHOD 1215** 

### CHANGE FROM THE EQUITY METHOD 1215

Dividends in Excess of Earnings 1215

#### **CHANGE TO THE EOUITY METHOD 1216 FASB CODIFICATION 1218**

CHAPTER 23 Cash Flow Reporting 1242

Don't Take Cash Flow for Granted

SECTION 1 PREPARATION OF THE STATEMENT OF CASH FLOWS 1244

USEFULNESS OF THE STATEMENT OF CASH FLOWS 1244

CLASSIFICATION OF CASH FLOWS 1245

What Do the Numbers Mean? How's My Cash Flow? 1246

FORMAT OF THE STATEMENT OF CASH FLOWS 1247

STEPS IN PREPARATION 1247

FIRST EXAMPLE - 2009 1248

Step 1: Determine the Change in Cash 1249 Step 2: Determine Net Cash Flow from Operating Activities 1249 What Do the Numbers Mean? Pumping Up Cash 1251

Step 3: Determine Net Cash Flows from Investing and Financing Activities 1251

SECOND EXAMPLE—2010 1253

Step 1: Determine the Change in Cash 1253 Step 2: Determine Net Cash Flow from Operating Activities—Indirect Method 1253 Step 3: Determine Net Cash Flows from Investing and Financing Activities 1254 Statement of Cash Flows-2010 1255

THIRD EXAMPLE - 2011 1255

Step 1: Determine the Change in Cash 1256 Step 2: Determine Net Cash Flow from Operating Activities—Indirect Method 1256 Step 3: Determine Net Cash Flows from Investing and Financing Activities 1257 Statement of Cash Flows—2011 1258

SOURCES OF INFORMATION FOR THESTATEMENT OF CASH FLOWS 1259

NET CASH FLOW FROM OPERATING ACTIVITIES— INDIRECT VERSUS DIRECT METHOD 1259

> Indirect Method 1259 Direct Method—An Example 1260 Direct versus Indirect Controversy 1264 What Do the Numbers Mean? Not What It Seems 1266

SECTION 2 SPECIAL PROBLEMS IN STATEMENT PREPARATION 1266

**ADJUSTMENTS SIMILAR TO DEPRECIATION 1266** 

**ACCOUNTS RECEIVABLE (NET)** 1267

Indirect Method 1267 Direct Method 1268

OTHER WORKING CAPITAL CHANGES 1269

NET LOSSES 1269

**GAINS** 1270

STOCK OPTIONS 1270

POSTRETIREMENT BENEFIT COSTS 1271

**EXTRAORDINARY ITEMS 1271** 

SIGNIFICANT NONCASH TRANSACTIONS 1272

What Do the Numbers Mean? Cash Flow Tool 1273

SECTION 3 USE OF A WORKSHEET 1273

PREPARATION OF THE WORKSHEET 1275

ANALYSIS OF TRANSACTIONS 1277

Change in Retained Earnings 1277 Accounts Receivable (Net) 1277 Inventories 1278

Prepaid Expense 1278

Investment in Stock 1278

Land 1278

Equipment and Accumulated

Depreciation 1279

Building Depreciation and Amortization of Trademark 1279

Other Noncash Charges or Credits 1279 Common Stock and Related Accounts 1280 Final Reconciling Entry 1280

PREPARATION OF FINAL STATEMENT 1282

CONVERGENCE CORNER STATEMENT OF CASH FLOWS 1283 FASB CODIFICATION 1285

CHAPTER 24 Full Disclosure: Concepts

and Practices 1312

High-Quality Financial Reporting—Always in Fashion

FULL DISCLOSURE PRINCIPLE 1314

Increase in Reporting Requirements 1315 Differential Disclosure 1315 What Do the Numbers Mean? "The Heart of the Matter" 1316

NOTES TO THE FINANCIAL STATEMENTS 1316

Accounting Policies 1316 Common Notes 1319 What Do the Numbers Mean? Footnote Secrets 1321

#### **DISCLOSURE ISSUES 1321**

Disclosure of Special Transactions or Events 1321 Post-Balance-Sheet Events (Subsequent Events) 1323 Reporting for Diversified (Conglomerate) Companies 1324

Interim Reports 1330

What Do the Numbers Mean? "I Want It Faster" 1335

### **AUDITOR'S AND MANAGEMENT'S REPORTS 1335**

Auditor's Report 1335 Management's Reports 1338

#### **CURRENT REPORTING ISSUES 1341**

Reporting on Financial Forecasts and
Projections 1341
Internet Financial Reporting 1343
What Do the Numbers Mean? New Formats, New
Disclosure 1344
Fraudulent Financial Reporting 1344
What Do the Numbers Mean? Here's a Fraud 1346
Criteria for Making Accounting and Reporting
Choices 1346

**CONVERGENCE CORNER DISCLOSURE 1347** 

APPENDIX 24A BASIC FINANCIAL STATEMENT

ANALYSIS 1349

PERSPECTIVE ON FINANCIAL STATEMENT
ANALYSIS 1349

#### **RATIO ANALYSIS 1350**

Limitations of Ratio Analysis 1351

**COMPARATIVE ANALYSIS 1353** 

PERCENTAGE (COMMON-SIZE) ANALYSIS 1354

**APPENDIX 24B INTERNATIONAL ACCOUNTING** 

STANDARDS 1356

THE PRESENT ENVIRONMENT 1356

REASONS TO UNDERSTAND INTERNATIONAL ACCOUNTING STANDARDS 1356

THE CHALLENGE OF INTERNATIONAL ACCOUNTING 1357

WHO ARE THE KEY PLAYERS IN DEVELOPING INTERNATIONAL STANDARDS? 1358

IASB 1358 Other Organizations 1358

ACCOUNTING STANDARD SETTING AND INTERNATIONAL CONVERGENCE 1359

Challenges to Convergence 1360

CONCLUDING REMARKS 1360 FASB CODIFICATION 1361

INDEX 1-1