

Contents

Preface xi

About the Authors xviii

1 Psychology Is in Our Lives 1

Chapter Outline 1 ■ Questions You Will Be Able to Answer 1

Preview 2

Psychology's Subject Matter: You and Me and More 2

Psychology: The Science and the Practice 4

More on the Scientific Methods of Psychology 6

Psychology in Action: Distinguishing Science from Pseudoscience 10

Where Psychology Has Been—A Brief History 11

Focus on Diversity: Pioneering Women and Minorities in Psychology 13

Careers in Psychology Today—Psychology in Your Career 13

Some Key Principles to Guide Us 16

Chapter Summary 18 ■ Key Terms 19

2 The Biological Foundations of Behavior 21

Chapter Outline 21 ■ Questions You Will Be Able to Answer 21

Preview 22

Neurons—The Building Blocks of the Nervous System 22

Human Nervous Systems: The Big Picture 26

The Spinal Cord 28

Psychology in Action: The Neuropsychology of Addiction 29

“Lower” Brain Centers and What They Do 32

The Cerebral Cortex 36

Focus on Diversity: Gender Differences in the Brain 41

Chapter Summary 42 ■ Key Terms 45

3

Sensation and Perception 47

Chapter Outline 47 ■ Questions You Will Be Able to Answer 47

Preview 48

A Preliminary Distinction 49

Basic Sensory Processes 49

Vision 51

Audition: The Sense of Hearing 57

Psychology in Action: Personal Listening Devices and Hearing Loss 59

The Other Senses 61

Perceptual Selection: A Matter of Paying Attention 63

Organizing Our Perceptual World 67

Focus on Diversity: Culture and Perception 74

Chapter Summary 75 ■ Key Terms 78

4

Learning 79

Chapter Outline 79 ■ Questions You Will Be Able to Answer 79

Preview 80

What Is Learning? 80

Classical Conditioning: The Basics 81

Generalization and Discrimination 84

Classical Conditioning in Everyday Life 85

Operant Conditioning: The Basics 87

Psychology in Action: The Training and Use of Service Dogs 91

Focus on Diversity: Ethnic and Racial Differences in Parenting 94

Cognitive Approaches to Learning 95

Chapter Summary 98 ■ Key Terms 99

5

Memory 101

Chapter Outline 101 ■ Questions You Will Be Able to Answer 101

Preview 102

How Can We Best Describe Human Memory? 102

Are There Different Types of Long-Term Memory? 107

How Accurate Are Long-Term Memories? 108

Focus on Diversity: Gender Differences in Memory 111

Improving Memory Retrieval 112

Psychology in Action: Hypnosis and Memory Improvement 119

Chapter Summary 120 ■ Key Terms 122

6

Consciousness 123

Chapter Outline 123 ■ Questions You Will Be Able to Answer 123

Preview 124

Toward a Definition 124

Normal Waking Consciousness 124

Levels of Consciousness 125

Sleep 127

Psychology in Action: Behavioral Approaches to Treating Insomnia 131

Hypnosis 133

Meditation 135

Altering Consciousness with Drugs 136

Focus on Diversity: Demographic Differences in Illegal Drug Use 142

Chapter Summary 143 ■ Key Terms 145

7

Thinking, Language, and Intelligence 147

Chapter Outline 147 ■ Questions You Will Be Able to Answer 147

Preview 148

Some Thoughts on Thinking 148

Problem Solving 150

Psychology in Action: Paths to Effective and Ineffective Problem Solving 151

Language 152

Just What Is Intelligence? 156

Focus on Diversity: Group Differences in Measured Intelligence 162

Chapter Summary 166 ■ Key Terms 168

8

Motivation and Emotion 169

Chapter Outline 169 ■ Questions You Will Be Able to Answer 169

Preview 170

Explaining What Motivates Us 170

Focus on Diversity: Culture, Needs, and Job Performance 174

Balance or Equilibrium 175

Putting It Together: Applying Motivational Concepts 177
 Psychology in Action: The Hunger Motive and Eating Disorders 178
Psychologically Based Motives 179
Defining and Classifying Emotions 182
The Physiology of Emotion 183
Expressing Emotion 185
Chapter Summary 187 ■ Key Terms 188

9 Human Sexuality and Relationships 189

Chapter Outline 189 ■ Questions You Will Be Able to Answer 189
Preview 190
Human Sexuality 191
 Focus on Diversity: Gender Differences in Sexual Motivation 193
The Varieties of Human Sexuality 194
Interpersonal Attraction and Relationships 200
 Psychology in Action: How Do We Select Our Mates? 203
Chapter Summary 206 ■ Key Terms 208

10 Personality 209

Chapter Outline 209 ■ Questions You Will Be Able to Answer 209
Preview 210
Introducing Personality “Theories” 210
 Focus on Diversity: Are There Cultural Differences in Personality? 222
Personality Assessment or Measurement 223
 Psychology in Action: Predicting Criminality from Personality 226
Chapter Summary 227 ■ Key Terms 229

11 Stress and Health Psychology 231

Chapter Outline 231 ■ Questions You Will Be Able to Answer 231
Preview 232
A Few Examples with Which to Work 232
Stressors: The Causes of Stress 233
Responses to Stressors 238
Effective Strategies for Coping with Stress 239

Focus on Diversity: Are There Group Differences in the Perception of and Coping with Stress? 243

Ineffective Strategies for Coping with Stress 244

Psychological Factors That Influence Physical Health 246

Psychology in Action: Can Optimism Cure What Ails You? 249

Promoting Healthy Behaviors 251

Chapter Summary 254 ■ *Key Terms* 255

12 Psychological Disorders 257

Chapter Outline 257 ■ Questions You Will Be Able to Answer 257

Preview 258

What *Is* Abnormal? 258

Psychology in Action: How Do We Perceive People with Mental Illness? 261

Anxiety Disorders 262

Obsessive-Compulsive Disorder 264

Posttraumatic Stress Disorder 264

A Neurodevelopmental Disorder: Autism Spectrum Disorder 265

Dissociative Disorders 267

Personality Disorders 268

Depressive Disorders 270

Bipolar Disorder 271

Schizophrenia Spectrum Disorder 272

Focus on Diversity: Gender Differences in Alzheimer’s Disease 274

Chapter Summary 275 ■ *Key Terms* 276

13 Treatment and Therapy for Psychological Disorders 277

Chapter Outline 277 ■ Questions You Will Be Able to Answer 277

Preview 278

Biomedical Treatments 278

Psychology in Action: Suicide and Suicide Prevention 281

Psychotherapy Techniques 284

Evaluating Psychotherapy 292

Focus on Diversity: Group Differences in the Therapy Process 294

Chapter Summary 295 ■ *Key Terms* 297

14 Social Psychology 299

Chapter Outline 299 ■ Questions You Will Be Able to Answer 299

Preview 300

Social Cognition: Making Sense of the Social World 301

Psychology in Action: Recognizing and Avoiding Biased Social Cognition 302

The Nature of Attitudes 303

Prejudice, Stereotypes, and Discrimination 306

Focus on Diversity: How Ideology Relates to Behavior 309

Conformity 310

Obedience to Authority 312

Bystander Intervention 315

Social Loafing and Social Facilitation 317

Decision-Making in Groups 319

Chapter Summary 321 ■ *Key Terms* 323

15 Development Throughout the Life Span 325

Chapter Outline 325 ■ Questions You Will Be Able to Answer 325

Preview 326

Prenatal Development 326

The Cognitive Development of Children 329

Focus on Diversity: Group Differences in Moral Reasoning 332

Developing Gender Identity 334

What It Means to Be an Adolescent 336

Development in Early Adulthood 341

Development in Middle Adulthood 344

Development in Late Adulthood 346

Psychology in Action: Understanding Death and the Dying Process 348

Chapter Summary 349 ■ *Key Terms* 351

Glossary G-1

References R-1

Index I-1