Contents

Preface vii

PART I FOUNDATIONS OF TESTS AND ASSESSMENT

48

Chapter 1 The History and Meaning of Assessment	1
Introduction 2	
History of Assessment 2	
Theory and Assessment 8	
The Use of Tests 9	
The Meaning of Psychological Assessment 11	
The Judgmental and Objective Approaches to Assessment	14
Assessment and Some Basic Assumptions 15	
Diagnosis and Assessment 16	
The Diagnostic and Statistical Manual of Mental Disorders	(DSM
III-R) 16	
Measurement and Assessment 17	
Tests and Assessment 19	
Summary 21	

Chapter 2 Basic Statistical Concepts in Testing and Assessment 22

Definition of a Psychological Test 22 Statistical Methods in Testing 25 Norms in the Interpretation of Tests Scores 40 Summary 46

Chapter 3 Reliability, Validity, and Test Construction

Introduction 48
The Concept of Reliability 49

The Concept of Validity 58
Test Construction 72
Sources of Information about Tests 85
Summary 86

PART II THE ASSESSMENT OF PERSONALITY

Chapter 4 Objective Personality Assessment 87

Models and Definitions in Personality Psychology 87 Response Sets 89 Objective Personality Tests 90 Summary 123

Chapter 5 Projective and Behavioral Personality Assessment 125

Introduction to Projective and Behavioral Measures of Personality 125
Projective Techniques and Tests 126
Behavioral Techniques and Tests 138
Summary 144

PART III THE ASSESSMENT OF COGNITIVE ABILITY

Chapter 6 The Nature and Assessment of Intelligence 146

The Nature of Intelligence 146 Major Intelligence Tests 159 Summary 184

Chapter 7 The Assessment of Aptitudes 185

Introduction 185 Measures of Scholastic Aptitude 187 Multiple-Aptitude Batteries 203 Summary 222

Chapter 8 The Assessment of Achievement 223

Introduction 223
Educational Achievement Tests: Elementary and Junior High Levels 226
Educational Achievement Tests: High School Level 235
Special-Purpose Achievement Tests Used at the College Level and Beyond 241
Summary 247

PART IV

THE ASSESSMENT OF INTERESTS AND CAREER DEVELOPMENT

Chapter 9 The Assessment of Interest 249

Introduction 249 The Measurement of Interests 252 Summary 282

Chapter 10 The Assessment of Work Values, Career Development and Maturity, and Career Indecision

Measures of Work Values 284 Measures of Career Development and Career Maturity 289 Measure of Career Indecision 306 Career Planning Systems 309 Summary 315

PART V

THE ASSESSMENT OF ENVIRONMENT, PERSON-ENVIRONMENT INTERACTION, AND HUMAN DEVELOPMENT

Chapter 11 Environmental Assessment 316

Introduction 316 Approaches to Environmental Assessment 319 Summary 356

Chapter 12 Person-Environment Psychology and **Assessment** 358

Introduction 358 The Interactional Perspective 362 The Person Perspective 371 The Environmental Perspective 375 Summary 379

Chapter 13 Human Development and Assessment 381

Introduction 381 Cognitive Developmental Theory 382 Psychosocial Theory 393 Summary 400

PART VI

ETHICAL STANDARDS OF TESTS AND ASSESSMENT

Chapter 14 Professional and Ethical Standards and Social Issues in Assessment 401

Introduction 401 Ethical and Professional Standards for Tests and Test Use 402 Social Issues in Testing 410
Issues in Using Tests with Racial/Ethnic Minorities 42?
Test Interpretation with Racial/Ethnic Minorities 427
Gender Issues in Test Use 427
Cross-Cultural Issues in Test Use 432
Summary 433

References 434

Name Index 455

Subject Index 463