
Contents

Preface vii

PART ONE METHODOLOGY OF ASSESSMENT 1

- 1 Foundations of Psychological Measurement 3**
 - Historical Perspective 3
 - Testing as a Profession 8
 - Measurement and Statistics 13
 - Summary 29
 - Exercises* 30
 - Suggested Readings* 32

- 2 Test Preparation, Scoring, and Item Analysis 33**
 - Test Preparation 33
 - Test Administration 46
 - Scoring 49
 - Evaluating Test Items 54
 - Summary 59
 - Exercises* 60
 - Suggested Readings* 61

- 3 Norms, Reliability, and Validity 63**
 - Test Standardization and Norms 63
 - Reliability of a Test 72
 - Validity of a Test 79
 - Testing and Personnel Decisions 85
 - Summary 90
 - Exercises* 91
 - Suggested Readings* 92

PART TWO	COGNITIVE ASSESSMENT	95
4	Standardized Achievement Tests	97
	Achievement Testing in Perspective	97
	Achievement Test Batteries	107
	Critical Review of the Fundamental Achievement Series	114
	Achievement Tests in Specific Areas	116
	Summary	126
	<i>Exercises</i>	129
	<i>Suggested Readings</i>	129
5	Intelligence Testing	131
	History and Terminology	131
	Individually Administered Tests	134
	Group-Administered Tests	151
	Summary	158
	<i>Exercises</i>	160
	<i>Suggested Readings</i>	161
6	Intelligence: Research and Theories	163
	Distribution and Classification of Intelligence	163
	Research on Group Differences	169
	Theories of Intelligence	186
	Summary	198
	<i>Exercises</i>	199
	<i>Suggested Readings</i>	200
7	Tests of Special Abilities	201
	Aptitude, Achievement, and Ability	201
	Sensory and Motor Abilities	204
	Mechanical Ability	211
	Clerical Ability	216
	Artistic and Musical Abilities	217
	Multiple-Aptitude Batteries	222
	Summary	232
	<i>Exercises</i>	233
	<i>Suggested Readings</i>	234
PART THREE	AFFECTIVE ASSESSMENT	235
8	Interests, Attitudes, and Values	237
	Measurement of Interests	238
	Measurement of Attitudes	260
	Surveys of Values	268
	Summary	271

<i>Exercises</i>	273	
<i>Suggested Readings</i>	275	
9 Personality: Foundations, Observations, and Ratings		277
Foundations of Personality Assessment	278	
Issues and Problems	286	
Observations and Interviews	292	
Rating Scales and Checklists	301	
Behavioral Analysis	311	
Summary	312	
<i>Exercises</i>	313	
<i>Suggested Readings</i>	314	
10 Personality Inventories and Projectives		315
Personality Inventories	315	
Projective Techniques	333	
Physiological and Behavioral Correlates of Personality	344	
Summary	348	
<i>Exercises</i>	349	
<i>Suggested Readings</i>	350	
PART FOUR PROBLEMS AND PROGRESS IN PSYCHOLOGICAL ASSESSMENT	351	
11 Contemporary Issues and Developments		353
Large-Scale Testing Programs	355	
Other Current Issues in Testing	361	
Ethical Issues in Perspective	373	
Developments and Prospects	380	
Summary	388	
<i>Exercises</i>	390	
<i>Suggested Readings</i>	391	
APPENDIXES	393	
A Glossary	395	
B Major U.S. Distributors of Psychological and Educational Tests		411
C Table of Areas under the Normal Curve		415
D Statistical Formulas		419
E Answers to Quantitative Exercises		423
References	429	
Indexes	443	
Authors	443	
Tests and Instruments	447	
Terms and Concepts	450	