

**Preface**      xiii

**Introduction**      1

**CHAPTER ONE      Early Theories: Preformationism, Locke,  
and Rousseau      3**

Preformationism      3  
Locke's Environmentalism      6  
Rousseau's Romantic Naturalism      12

**CHAPTER TWO      Gesell's Maturational Theory      22**

Biographical Introduction      22  
Principles of Development      23  
Philosophy of Child Rearing      29  
Evaluation      31

**CHAPTER THREE      Ethological Theories: Darwin, Lorenz  
and Tinbergen, and Bowlby  
and Ainsworth      35**

Darwin and the Theory of Evolution      35  
Modern Ethology: Lorenz and Tinbergen      39  
Bowlby and Ainsworth on Human Attachment      47  
Evaluation      67

**CHAPTER FOUR      Montessori's Educational Philosophy      71**

Biographical Introduction      71  
Theory of Development      72  
Early Education in the Home      76  
The Montessori School      77  
Evaluation      89



**CHAPTER FIVE      Werner's Organismic and Comparative Theory      93**

Biographical Introduction	93
Werner's View of Development	95
Some Comparative Studies	100
Symbol Formation: An Organismic View	105
Theoretical Issues	108
Practical Applications	112
Evaluation	115

**CHAPTER SIX      Piaget's Cognitive-Developmental Theory      118**

Biographical Introduction	118
Overview of the Theory	120
Period I. Sensorimotor Intelligence (Birth to 2 Years)	122
Periods II and III. Preoperational Thought (2 to 7 Years) and Concrete Operations (7 to 11 Years)	127
Period IV. Formal Operations (11 Years to Adulthood)	138
Theoretical Issues	140
Implications for Education	143
Evaluation	147

**CHAPTER SEVEN      Kohlberg's Stages of Moral Development      157**

Biographical Introduction	157
Piaget's Stages of Moral Judgment	158
Kohlberg's Method	159
Kohlberg's Six Stages	160
Theoretical Issues	166
Gilligan on the Feminine Voice	174
Implications for Education	176
Evaluation	179

**CHAPTER EIGHT      Learning Theory: Pavlov, Watson, and Skinner      180**

Pavlov and Classical Conditioning	180
Watson	183
Skinner and Operant Conditioning	187
Evaluation	201



## **CHAPTER NINE Bandura's Social Learning Theory 204**

Biographical Introduction	204
Basic Concepts	205
Socialization Studies	208
Self-Efficacy	213
Abstract Modeling and Piaget's Stages	215
Practical Implications	219
Evaluation	221

## **CHAPTER TEN Vygotsky's Social-Historical Theory of Cognitive Development 224**

Biographical Introduction	224
Marx's Views on Human Nature	226
Vygotsky's Theory of Psychological Tools	228
Memory Aids	232
Speech	232
Play	239
Schooling	240
Practical Applications	245
Evaluation	248

## **CHAPTER ELEVEN Freud's Psychoanalytic Theory 253**

Biographical Introduction	253
The Stages of Psychosexual Development	256
The Agencies of the Mind	268
Practical Implications	276
Evaluation	277

## **CHAPTER TWELVE Erikson and the Eight Stages of Life 281**

Biographical Introduction	281
Erikson's Stage Theory	282
Theoretical Issues	297
Practical Implications	302
Evaluation	304



**CHAPTER THIRTEEN     Mahler's Separation/Individuation Theory     306**

Biographical Introduction	306
Overview of Concepts and Methods	307
Phases of Normal Development	309
Practical Applications	315
Evaluation	316

**CHAPTER FOURTEEN     A Case Study in Psychoanalytic Treatment: Bettelheim on Autism     320**

Biographical Introduction	320
The Autistic Syndrome	321
Therapy	322
Evaluation	327

**CHAPTER FIFTEEN     Schachtel on Childhood Experiences     329**

Biographical Introduction	329
Basic Concepts	329
Implications for Education	333
Evaluation	334

**CHAPTER SIXTEEN     Jung's Theory of Adulthood     338**

Biographical Introduction	338
Personality Structure	341
Theory of Development	344
Practical Implications	348
Evaluation	349

**CHAPTER SEVENTEEN     Chomsky's Theory of Language Development     351**

Biographical Introduction	351
Basic Concepts	352
Notes on the Growth of Grammar	358
Chomsky and Learning Theory	362
Chomsky and Piaget	368
Implications for Education	369
Evaluation	371



**CHAPTER EIGHTEEN Conclusion: Humanistic Psychology  
and Developmental Theory 373**

Humanistic Psychology	373
Developmentalists as Humanists	379

**Epilogue: A Developmental Perspective  
on the Standards Movement 385**

References	396
------------	-----

Name Index	417
------------	-----

Subject Index	423
---------------	-----