

Contents

1. Understanding Your Child	1
♦ Characteristics of the Preschool Period	1
♦ Cognitive Developmental Characteristics	3
2. Learning Process in Your Child	11
♦ Learning Process	11
♦ Concept of Preskills for Reading and Writing	12
♦ Mathematics	18
3. School Readiness	20
♦ Readiness to Learn	21
♦ Judging Readiness	22
♦ Reading Readiness	22
♦ Writing Readiness	24
♦ Parenting Tips	25
♦ School Readiness and Developmental Delay in Preschoolers	28
4. Changing Concept of Special Education	32
♦ Warnock Report (1978), UK	33
♦ Education Act (1981), UK	36
♦ National Trust, India	36
♦ Persons with Disabilities Act, 1995	36
♦ Montessori Method of Education for Children Needing Special Care	38
5. Parenting the Differently Abled Child	42
♦ Identification of Children with Special Needs	42
♦ Parenting Process	46
♦ Education of Children with Special Needs in Sarva Shiksha Abhiyan	53
6. Developmental Disabilities	54
♦ Types of Developmental Disabilities	54
♦ Risk Factors for Developmental Disabilities	56
♦ Prevention of Developmental Disabilities	63
♦ Evaluation of Developmental Disabilities	66

7. Autism	69
♦ Symptoms	70
♦ Causes	75
♦ Diagnosis	75
♦ Management	77
♦ Prevention	88
♦ Rehabilitation	88
♦ Parenting Tips	88
8. Cerebral Palsy	92
♦ Risk Factors	93
♦ Symptoms	94
♦ Milestones in Normal Development	94
♦ Forms of Cerebral Palsy	95
♦ Other Disorders	96
♦ Diagnosis	98
♦ Types	99
♦ Prevention	105
♦ Treatment	107
♦ Assessment and Management	108
♦ Predicting Outcomes	112
♦ Education of Cerebral Palsy Children	113
♦ Special Benefits	114
9. Principles and Practice of Cerebral Palsy Rehabilitation	118
♦ Cerebral Palsy	118
♦ Interventions for Rehabilitation in Cerebral Palsy	121
♦ Orthopedic Surgery	121
♦ Selective Posterior Rhizotomy	122
♦ Botox Toxin	122
♦ Occupational Therapy for Cerebral Palsy	122
♦ Physical Therapy	125
♦ Speech Therapy in Cerebral Palsy	133
♦ Augmentative Communication Devices	135
10. Epilepsy and Seizures	137
♦ Epileptic Seizures	137
11. Down Syndrome	154
♦ Risk Factors	154
♦ Symptoms	156

♦	Diagnosis	158	
♦	Physical and Developmental Characteristics	160	
♦	Medical Problems	161	
♦	Development of Children with Down Syndrome	162	
♦	Specific Developmental Profile Associated with Down Syndrome	163	
♦	Down Syndrome and Neuromotor Control	165	
♦	How to Raise A Child with Down Syndrome?	169	
12.	Mental Retardation		173
♦	Defining the Nature of Mental Retardation	173	
♦	Classification of Mental Retardation	174	
♦	Causes/Risk Factors	174	
♦	Deficits in Mental Retardation	176	
♦	Onset of Mental Retardation	180	
♦	Diagnosis	180	
♦	Management	186	
♦	Drug Therapy	187	
♦	Rehabilitation	188	
♦	Therapy for Mental Retardation	191	
♦	Practical Help for the Family of Mentally Retarded Children	193	
♦	Special Benefits	195	
13.	Attention Deficit Hyperactivity Disorder		199
♦	Incidence	199	
♦	Causes and Risk Factors	200	
♦	Symptoms	201	
♦	Evaluation	201	
♦	Management	203	
♦	Prevention	205	
♦	Rehabilitation	206	
♦	Special Benefits	207	
♦	Parenting Tips	207	
14.	Visual Impairment		214
♦	Risk Factors of Vision Impairment	215	
♦	Symptoms of Vision Impairment	215	
♦	Early Pointers to Vision Impairment	216	
♦	Neurological Visual Impairment	216	
♦	Identification of Higher Visual Processing Disorders	223	

♦ Management of Vision Impairment	224
♦ Special Benefits for Visually Impaired Children	226
15. Hearing Impairment	229
♦ Risk Factors for Hearing Loss in Children	230
♦ Symptoms of Hearing Impairment	231
♦ Hearing Impairment	231
♦ Diagnosis and Quantification of Hearing Loss	232
♦ Newborn Hearing Screening	233
♦ Postneonatal Hearing Testing	234
♦ Management	235
♦ Prevention	235
♦ Treatment of Hearing Impairment	235
♦ Rehabilitation	237
♦ Special Benefits	240
16. Speech and Language Disorders	242
♦ Terms used in Speech and Language Problems	243
♦ Types of Communication Disorders	243
♦ Special Benefits	250
17. Learning Disability	251
♦ Types	252
♦ Signs and Symptoms	253
♦ Risk Factors/Antecedents	254
♦ Understanding Behaviors	255
♦ Parenting Strategies to Overcome Difficulties	256
♦ Management	261
♦ Rehabilitation	262
♦ Special Benefits	263
18. Multiple Disability Among Children	265
♦ Characteristics of Children with Multiple Disabilities	266
♦ Causes for Multiple Disabilities	266
♦ Diagnosis of Multiple Disability	267
♦ Early Interventions	268
♦ Teaching Tips and Suggested Activities	269
♦ National Policy for Persons with Disabilities	269
♦ Parenting Children with Multiple Disabilities	272