Contents

1. Prevalence of Disability in India: An Update 1
2. Splints: Common Types and Technique of Fabrication 11
3. Poliomyelitis: Etiology, Clinical Course, Prevention and Rehabilitation 15
4. Prescription Criteria for Lower Limb Orthosis 22
5. Amputation and Stump: Etiology, Site and Types 31
6. Lower Limb Prosthesis 35
7. Upper Limb Orthosis 51
8. Upper Limb Prosthesis 57
9. Fabrication of Below Knee HDPE Prosthesis... 66
10. Normal and Amputee Locomotion 78
11. Role of CAD-CAM Technology in Prosthetics and Orthotics 86
12. Jaipur Foot and Limb 91
13. Spinal Orthosis: General Concept, Fabrication, Types and Indications 98
14. Mobility Aids for Ambulation... 107
15. Role of Rehabilitation Aids and Appliances in CP 113
16. Rehabilitation Aids for Visually Handicapped 122
17. Devices for Low Vision 128
18. Rehabilitation Aids for Paraplegics 132
19. Shoe and Shoe Modifications 136
20. Hand Splints 149
21. Leprosy: Aids and Appliances 156
22. Footwear in Diabetes Mellitus 165
23. Skeletal System 169
24. Orthotic Management of Post Polio Syndrome 173
25. Materials in Rehabilitation Aids: Present and the Future 179
26. Disability: Assesment Guidelines as per Notification 185
27. Multiple Choice Questions and Answers 209