

## Contents

<i>Preface</i>	<i>vii</i>
<i>Acknowledgements</i>	<i>ix</i>
1. Diabetes Mellitus and Diabetic Ketoacidosis	1
2. Galactosemia	9
3. von Gierke's Disease	13
4. Lactose, Fructose and Sucrose Intolerance	15
5. Metabolic Syndrome	17
6. Mucopolysaccharidosis	19
7. Respiratory Distress Syndrome	21
8. Fatty Liver	22
9. Refsum's Disease, Jamaican Vomiting Sickness, SIDS	24
10. Zellweger Syndrome, Phrynoderma	25
11. Atherosclerosis	26
12. Lipid Storage Disorders	27
13. Phenylketonuria	28
14. Albinism	32
15. Alkaptonuria	34
16. Maple Syrup Urine Disease, Parkinson's Disease, Hartnup's Disease	37
17. Urea Cycle Disorders	38
18. Gout	39
19. Lesch Nyhan Syndrome	43
20. Orotic Aciduria	46
21. Pellagra	47
22. Rickets	49
23. Scurvy	52

24. Beriberi	54
25. Vitamin-B12 Deficiency (Megaloblastic Anaemia)	56
26. Vitamin A Deficiency	58
27. Megaloblastic Anaemia (Folate Deficiency)	61
28. Vitamin K Deficiency (Hemolytic Disease of Newborn)	63
29. Iron Deficiency Anaemia	64
30. Tetany	66
31. Acrodermatitis Enteropathica	68
32. Wilson's Disease	69
33. Acute Intermittent Porphyria	71
34. Sickle Cell Anaemia	74
35. Thalassemia	78
36. Neonatal Physiological Jaundice	80
37. Hemolytic Jaundice	82
38. Viral Hepatitis or Hepatic Jaundice	85
39. Obstructive Jaundice	88
40. Acute Pancreatitis	91
41. Acute Myocardial Infarction	92
42. Kwashiorkor	93
43. Acid Base Disorders	95
44. Hypothyroidism (Myxedema)	98
45. Nephrotic Syndrome	100
46. Mitochondrial Diseases	103
47. Multiple Myeloma	104
48. Cushing Syndrome	106
49. Familial Hypercholesterolemia	107
50. Important Topics in Biochemistry (Must Read Topics for Examination)	111