Contents

1.	Biomolecules, Enzymes and Metabolism	1
2.	Autonomic Nervous System	32
3.	Central Nervous System	41
4.	Calcium Homeostasis	52
5.	Musculoskeletal System	62
6.	Hematopoietic System	77
7.	Oxygen and Respiration	101
8.	Cardiovascular System	120
9.	Gastrointestinal System	140
10.	Hepatobiliary System	152
11.	Endocrine System	172
12.	Water and Electrolytes	200
13.	H^+ Homeostasis and Acid-Base Disorders	214
14.	Kidneys	226
15.	Glucose Homeostasis and Diabetes Mellitus	249
16.	Molecular Biology and Genetics	269
17.	Cancer	287