

Content

1	Basic Chemical Definitions	5
2	Composition of Atoms.....	8
3	Chemical Bonds	13
4	Energetics of the Chemical Reactions	23
5	Reaction Rate	30
6	Chemical Equilibrium	36
7	Dispersion Systems	39
8	Processes at the Interface of Phases	55
9	Electrolytes	61
10	Acid-Base Reactions	64
11	Precipitation Reactions. Solubility Product	78
12	Complex-Forming Reactions	81
13	Oxidation-Reduction Reactions.....	83
14	The Periodic Table of the Elements	90
15	Nomenclature of Inorganic Compounds	96
16	Nomenclature of Drugs	100
17	Elements Essential for Life	103
18	Hydrogen... ..	104
19	Oxygen	106
20	Sodium and Potassium.....	114
21	Magnesium and Calcium	116
22	Transition Elements.....	120
23	Iron	125
24	Boron. Aluminium. Silicon	128
25	Carbon.....	130
26	Nitrogen.....	134
27	Phosphorus	137
28	Sulfur.....	139
29	Selenium.....	141
30	Halogens	142
31	Toxicologically Important Inorganic Substances	146
	Appendixes	149