

Contents

<i>Preface</i>	v
<i>Acknowledgement</i>	vii
<i>About the Author</i>	ix
PART - I	
Introduction	1
Basic Concepts In Chemistry	1
The History of The Modern Periodic Table	2
Periodic Table	5
The Current Periodic Table	8
Development of Grouping of Elements	13
Properties	18
PART - II	
Description of The Table	19
Description of an Each Element	20
Hydrogen (H)	20
Helium (He)	22
Lithium (Li)	24
Beryllium (Be)	25
Boron (B)	27
Carbon (C)	28
Nitrogen (N)	30
Oxygen (O)	31
Fluorine (F)	33
Neon (Ne)	34
Sodium (Na)	36
Magnesium (Mg)	38
Aluminum (Al)	39
Silicon (Si)	41
Phosphorus (P)	42
Sulfur (S)	44
Chlorine (Cl)	45
Argon (Ar)	47
Potassium (K)	48
Calcium (Ca)	50
Scandium (Sc)	51
Titanium (Ti)	52
Vanadium (V)	54
Chromium (Cr)	55

Manganese (Mn)	57
Iron (Fe)	58
Cobalt (Co)	59
Nickel (Ni)	61
Copper (Cu)	62
Gallium (Ga)	65
Germanium (Ge)	67
Arsenic (As)	68
Selenium (Se)	69
Bromine (Br)	71
Krypton (Kr)	72
Rubidium (Rb)	74
Strontium (Sr)	75
Yttrium (Y)	76
Zirconium (Zr)	78
Niobium (Nb)	79
Molybdenum (Mo)	80
Technetium (Tc)	82
Ruthenium (Ru)	83
Rhodium (Rh)	84
Palladium (Pd)	86
Silver (Ag)	87
Cadmium (Cd)	89
Indium (In)	90
Tin (Sn)	91
Antimony (Sb)	93
Tellurium (Te)	94
Iodine (I)	96
Xenon (Xe)	97
Cesium (Cs)	98
Barium (Ba)	100
Lanthanum (La)	101
Cerium (Ce)	103
Praseodymium (Pr)	104
Neodymium (Nd)	105
Promethium (Pm)	107
Samarium (Sm)	108
Europium (Eu)	110
Gadolinium (Gd)	111
Terbium (Tb)	113
Dysprosium (Dy)	114
Holmium (Ho)	115
Erbium (Er)	117
Thulium (Tm)	118
Ytterbium (Yb)	119

Lutetium (Lu)	121
Hafnium (Hf)	122
Tantalum (Ta)	124
Tungsten (W)	125
Rhenium (Re)	127
Osmium (Os)	128
Iridium (Ir)	129
Platinum (Pt)	131
Gold (Au)	132
Mercury (Hg)	134
Thallium (Tl)	135
Lead (Pb)	137
Bismuth (Bi)	138
Polonium (Po)	140
Astatine (At)	141
Radon (Rn)	142
Francium (Fr)	144
Radium (Ra)	145
Actinium (Ac)	146
Thorium (Th)	148
Protactinium (Pa)	149
Uranium (U)	150
Neptunium (Np)	152
Plutonium (Pu)	153
Americium (Am)	155
Curium (Cm)	156
Berkelium (Bk)	157
Californium (Cf)	159
Einsteinium (Es)	160
Fermium (Fm)	162
Mendelevium (Md)	163
Nobelium (No)	164
Lawrencium (Lr)	166
Rutherfordium (Rf)	167
Dubnium (Db)	169
Seaborgium (Sg)	170
Bohrium (Bh)	171
Hassium (Hs)	173
Maitnerium (Mt)	174
Darmstadtium (Ds)	175
Roentgenium (Rg)	177
Copernicium (Cn)	178
Nihonium (Nh)	179
Flerovium (Fl)	181
Moscovium (Mc)	182

Livermorium (Lv)	183
Tennessine (Ts)	185
Oganesson (Og)	186
<i>References</i>	<i>189</i>