

# Contents

<i>Reviewers' List</i> .....	<i>vii</i>
<i>Preface</i> .....	<i>ix</i>
<i>Acknowledgments</i> .....	<i>xi</i>
<i>Special Features of the Book</i> .....	<i>xvii</i>

## **Chapter 1** Introduction..... 1

<input type="checkbox"/> Introduction to Environment .....	2
<input type="checkbox"/> Definitions of Environment .....	3
<input type="checkbox"/> Sanitation .....	3
<input type="checkbox"/> Environmental Sanitation.....	3
<input type="checkbox"/> Environmental Health.....	3
<input type="checkbox"/> Definitions of Environmental Health .....	5
<input type="checkbox"/> Areas of Environment .....	5
<input type="checkbox"/> Components of Environment.....	5
<input type="checkbox"/> Importance of Healthy Environment .....	6
<input type="checkbox"/> Purpose of Environmental Health.....	6
<input type="checkbox"/> Environmental Problems in India .....	7
<input type="checkbox"/> Factors Affecting Environmental Health.....	7
<input type="checkbox"/> Programs and Efforts for Environmental Protection.....	8
<input type="checkbox"/> Environmental Pollution.....	9
<input type="checkbox"/> Climate Change.....	11
<input type="checkbox"/> Factors Affecting Climate Change .....	11
<input type="checkbox"/> Global Warming .....	12
<input type="checkbox"/> Conservation of Environmental Health.....	13
<input type="checkbox"/> Role of Nurse in Environmental Health.....	13
<input type="checkbox"/> Summary .....	14

## **Chapter 2** Environmental Factors Contributing to Health ..... 16

<input type="checkbox"/> Water .....	17
<input type="checkbox"/> Acute Diarrheal Diseases .....	30
<input type="checkbox"/> Food Transmitted Infections .....	33
<input type="checkbox"/> Amebiasis .....	36
<input type="checkbox"/> Helminthic Infections .....	38
<input type="checkbox"/> Hookworm infestations .....	38
<input type="checkbox"/> Dracunculiasis (Guinea-worm Disease).....	42
<input type="checkbox"/> Guinea Worm Disease Eradicated from India.....	43
<input type="checkbox"/> Enteric Fever .....	44

□ Viral hepatitis -----	48
□ Hepatitis B-----	51
□ Hepatitis C -----	54
□ Hepatitis D -----	55
□ Hepatitis E-----	55
□ Water Harvesting -----	63
□ AIR -----	66
□ Waste -----	74
□ Excreta-----	78
□ Sewage-----	82
□ Housing-----	85
□ Town Planning -----	87
□ Ventilation-----	88
□ Noise-----	92
□ Arthropods -----	94
□ Malaria -----	97
□ Filaria -----	103
□ kala-azar-----	108
□ Post-kala-azar Dermal Leishmaniasis (PKDL)-----	111
□ Japanese Encephalitis (JE) -----	112
□ Chikungunya-----	115
□ Dengue -----	116
□ House Fly-----	118
□ Sandfly-----	120
□ Louse -----	121
□ Fleas -----	122
□ Rodents -----	124
□ Ticks -----	125
□ Mites -----	126
□ Bugs-----	127
□ Cyclops -----	127
□ Insecticides-----	128
□ Pest control-----	129
□ Responsibilities of Community Health Nurse in Pest Control -----	130
□ Summary -----	130

### Chapter 3 Community Organization to Promote Environmental Health ..... 134

□ Introduction-----	134
□ Environmental Health Risk -----	135
□ Protection of Environment-----	135
□ National Level Voluntary Organizations -----	137
□ Environmental Pollution and Laws in India-----	137
□ Major Areas of Activities for Pollution Control -----	140

□ The Air (Prevention and Control of Pollution) Act, 1981 -----	142
□ The Water (Prevention and Control of Pollution) Act, 1974-----	144
□ Noise Pollution and Legislative Measures-----	145
□ Summary -----	145
<b>Chapter 4 Hospital Waste Management .....</b>	<b>147</b>
□ Introduction-----	147
□ Policy on Health Care Waste Management-----	148
□ Definition of Biomedical Waste -----	148
□ Sources of Health Care Waste-----	148
□ Health Hazards of Health Care Waste-----	148
□ Categories of Biomedical Waste and their Collection -----	149
□ Segregation of Biomedical Waste-----	151
□ Collection of Biomedical Waste -----	152
□ Storage of Waste -----	153
□ Transportation of Waste within the Hospital-----	153
□ Transportation of Waste for Disposal Outside the Hospital-----	153
□ Training in Handling Biomedical Waste-----	154
□ Waste Management in Sub-Centers-----	154
□ Nurses Responsibility in the Management of Hospital Waste -----	154
□ Summary -----	155
<i>Index</i> -----	157

