## **CONTENTS**

	Preface	v
1.	Concept of health	1-27
	Physical health, 6	
	Mental health, 7	
	Social health, 11	
	Spiritual health, 12	
	Determinants of health, 12	
	Indicators of health, 17	
	Concept of disease, 19	
	Natural history of disease, 19	
	Disease agents, 21	
	Concept of prevention of diseases, 22	
2.	Nutrition and health	28-56
	Functions of food, 29	
	Classification of food, 29	
	Nutritional deficiency diseases, 54	
3.	Demography and family planning	57-91
	Demography, 57	
	Demographic cycle, 58	
	Control of over population, 62	
	Family planning, 63	
	Methods of family planning, 65	
4.	First aid	92-121
	Accidents, 95	
	Shock, 101	
	Snake bite, 102	
	Burns and scalds, 104	
	Electric shock, 105	
	Poisoning, 106	
	Heart diseases, 109	
	Haemorrhage, 110	
	Fractures, 111	
	Cardio-pulmonary resuscitation, 113	

## x Contents

5.	Environment and health	122-180
	Water, 123	
	Sources of water, 125	
	Purification of water, 134	
	Hardness of water, 147	
	Air, 149	
	Air pollution, 150	
	Noise, 153	
	Lighting, 156	
	Solid waste disposal and control, 157	
	Excreta disposal, 163	
	Medical entomology, 165	
	Arthropod borne diseases, 166	
	Rodents, 180	
6.	Microbiology	181-199
	Classification of microorganisms, 181	
	Structure of bacterial cell, 185	
	Isolation of microorganisms, 191	
	Staining techniques, 195	
7.	Communicable diseases	200-255
	Respiratory infections, 201	
	Intestinal infections, 216	
	Arthropod borne infections, 232	
	Surface infections, 241	
	Sexually transmitted diseases, 249	
8.	Non-communicable diseases	256-268
	Cancer, 257	
	Diabetes mellitus, 259	
	Blindness, 263	
	Cardiovascular diseases, 264	
	Coronary heart disease, 265	
	Hypertension, 266 Rheumatic heart disease, 268	
	,	260.205
9.	Epidemiology	269-295
	Uses of epidemiology, 269	250
	Factors responsible for the spread of communicable dise	ases, 270
	Common terms used in epidemiology, 272	

Contents xi

Disease transmission and control, 274 Immunity and immunisation, 279 Hospital acquired infection, 284 Disinfection and its types, 288 Disinfection procedures, 293

Index 297-300