

**Chapter**

1.	MAN AND MEDICINE : TOWARDS HEALTH FOR ALL	
2.	CONCEPT OF HEALTH AND DISEASE	
3.	PRINCIPLES OF EPIDEMIOLOGY AND EPIDEMIOLOG	
	Aims of Epidemiology .....	48
	Epidemiological approach .....	48
	Rates and ratios .....	49
	Measurement of mortality .....	50
	Measurement of morbidity .....	54
	Epidemiologic methods .....	57
	Descriptive epidemiology .....	57
	Analytical epidemiology .....	64
	Experimental epidemiology .....	74
4.	SCREENING FOR DISEASE	
	Concept of screening .....	113
	Uses of screening .....	114
	Criteria for screening .....	115
5.	EPIDEMIOLOGY OF COMMUNICABLE DISEASES	
		I. Respirat
	Smallpox .....	121
	Chickenpox .....	122
	Measles .....	124
	Rubella .....	128
	Mumps .....	129
	Influenza .....	130
		II. Intesti
	Poliomyelitis .....	161
	Viral hepatitis .....	167
	Cholera .....	175
	Acute diarrhoeal diseases .....	183
	Typhoid fever .....	187
		III. Arthropo
	Dengue syndrome .....	198
	Malaria .....	201
		IV. Z
	<i>Viral</i>	
	Rabies .....	217
	Yellow fever .....	225
	Japanese encephalitis .....	228
	KFD .....	229
	<i>Rickettsial diseases</i>	
	Rickettsial zoonoses .....	239
	Scrub typhus .....	240
	Murine typhus .....	240
	Tick typhus .....	241
	Q Fever .....	241

# CONTENTS

	<b>Page</b>
.....	1
.....	12
<b>EPIDEMIOLOGIC METHODS</b> .....	<b>47</b>
Association and causation .....	80
Uses of epidemiology .....	84
Infectious disease epidemiology .....	85
Disease transmission .....	87
Immunity .....	93
Immunizing agents .....	95
Disease prevention and control .....	100
Disinfection .....	106
Investigation of an epidemic .....	108
.....	113
Sensitivity and specificity .....	117
Problems of the borderline .....	118
.....	121
<b>Respiratory infections</b>	
Diphtheria .....	133
Whooping cough .....	136
Meningococcal meningitis .....	138
Acute respiratory infections .....	139
SARS .....	145
Tuberculosis .....	146
<b>Systemic infections</b>	
Food poisoning .....	190
Amoebiasis .....	192
Ascariasis .....	194
Hookworm infection .....	195
Dracunculiasis .....	197
<b>Water-borne infections</b>	
Lymphatic Filariasis .....	211
<b>Zoonoses</b>	
<b>Bacterial</b>	
Brucellosis .....	231
Leptospirosis .....	232
Plague .....	233
Human salmonellosis .....	238
<b>Parasitic zoonoses</b>	
Taeniasis .....	242
Hydatid disease .....	243
Leishmaniasis .....	244

Trachoma .....	247
Tetanus .....	248
Leprosy .....	252

6. EPIDEMIOLOGY OF CHRONIC NON-COMMUNICABLE DISEASES AND CONDITIONS

Cardiovascular diseases .....	286
Coronary heart disease .....	287
Hypertension .....	293
Stroke .....	298
Rheumatic heart disease .....	299
Cancer .....	302
Diabetes .....	311

7. HEALTH PROGRAMMES IN INDIA

8. DEMOGRAPHY AND FAMILY PLANNING

9. PREVENTIVE MEDICINE IN OBSTETRICS, PAEDIATRICS AND GERIATRICS

10. NUTRITION AND HEALTH

11. SOCIAL SCIENCES AND HEALTH

12. ENVIRONMENT AND HEALTH

13. HOSPITAL WASTE MANAGEMENT

14. DISASTER MANAGEMENT

15. OCCUPATIONAL HEALTH

16. GENETICS AND HEALTH

17. MENTAL HEALTH

18. HEALTH INFORMATION AND BASIC MEDICAL STATISTICS

19. COMMUNICATION FOR HEALTH EDUCATION

20. HEALTH PLANNING AND MANAGEMENT

21. HEALTH CARE OF THE COMMUNITY

22. INTERNATIONAL HEALTH

INDEX

*fections*

STD .....	265
Yaws .....	269
AIDS .....	271

*ging infectious diseases* 281

*ired infections* 284

..... 285

Obesity .....	316
Blindness .....	319
Accidents and Injuries .....	323

..... 329

..... 349

..... 383

..... 438

..... 488

..... 519

..... 595

..... 600

..... 606

..... 622

..... 632

..... 638

..... 653

..... 666

..... 685

..... 704

..... 712