Contents

Section 1: Community Health

1. Concepts of Community Medicine, Health and Disease 3

- Man and Medicine *3*
- Concepts of Health *4*
- Concept of Disease *19*

2. Nutrition 30

- Assessment of Nutritional Status *30*
- National Nutrition Programmes *55*

3. Epidemiology 58

- Definition *58*
- Incidence *58*
- Prevalence *60*
- Epidemiological Methods *62*
- Uses of Epidemiology *110*
- Host Defences *122*
- Disease Prevention and Control *131*
- Emporiatrics *136*
- Disinfection *137*
- Investigation of an Epidemic *139*

4. Health Study 142

- Mental Health *142*
- Genetics and Health *146*
- Preventive and Social Measures *147*
- Occupational Health *150*
- Urban Health *164*

- Screening *165*
- Social Sciences and Health *169*
- Health Education *178*
- Environment and Health *185*

5. Entomology 207

- Prevention *208*

6. Health Information System and Health Statistics . 219

- Health Information System *219*
- Health Statistics *220*

Section 2: Community Medicine

7. National Family Welfare Programme 229

- Family Planning Incentives and Disincentives *231*
- Need for FP for Effective Family Welfare *231*
- Family Welfare *232*
- Family Planning Methods *235*

8. Demography 256

- Demographic Cycle *256*
- Demographic Gap *257*

9. Maternal and Child Health and Geriatric Care 263

- Antenatal Care *265*
- Intranatal Care *269*
- Postnatal Care *272*
- Breastfeeding *276*
- Baby-friendly Hospital Initiative (BFHI) *276*
- Low Birth Weight *277*
- Growth and Development *279*
- Delivering Maternal and Child Health Services *283*
- Indicators of MCH Care *285*
- Mortality Indicators *285*
- School Health Programme *297*
- Juvenile Delinquency *300*

- Child Guidance Clinic *301*
- Child Placement *302*
- National Rural Health Mission 2005-2012 *303*
- Delivering MCH Services *306*
- Handicapped Children *311*
- Integrated Child Development Services 1975 (Ministry of Social Welfare) *314*
- Geriatrics *315*

10. Communicable Diseases 318

- Smallpox *318*
- Chickenpox *318*
- Measles (Rubeola) *320*
- Rubella (German Measles) *323*
- Mumps *325*
- Influenza *326*
- Diphtheria *328*
- Whooping Cough (Pertussis) 333
- Meningococcal Meningitis *335*
- Tuberculosis *336*
- Acute Respiratory Infections *344*
- Severe Acute Respiratory Syndrome *347*
- Dracunculiasis *349*
- Food Poisoning *350*
- Amoebiasis *355*
- Viral Hepatitis *360*
- Typhoid Fever (Enteric Fever) *370*
- Poliomyelitis *373*
- Cholera *380*
- Acute Diarrheal Diseases *387*
- Plague *395*
- Human Salmonellosis *400*
- Dengue Syndrome *402*
- Malaria *406*
- Filaria *422*
- Kyasanur Forest Disease *427*
- Japanese Encephalitis *429*

- Rabies (Hydrophobia) *432*
- Yellow Fever *438*
- Chikungunya Fever 442
- Brucellosis (Undulant Fever, Malta Fever, Mediterranean Fever) *443*
- Leptospirosis (Weil's Disease) *446*
- Rickettsial Diseases *448*
- Taeniasis (Tapeworm) *452*
- Hydatid Disease (Dog Tapeworm) *454*
- Leishmaniasis (Kala-azar) *457*
- Trachoma (Preventable Blindness) *460*
- Tetanus *462*
- Leprosy (Hansen's Disease) *464*
- Sexually Transmitted Diseases (STDs) *472*
- AIDS *476*
- National Health Programmes in India *484*
- Emerging and Re-emerging Infectious Diseases *485*

11. Noncommunicable Diseases 487

- Coronary Heart Disease *487*
- Hypertension *489*
- Rheumatic Heart Disease *493*
- Stroke *495*
- Cancer *496*
- Obesity *504*
- Diabetes *506*
- Accidents and Injuries *509*
- Blindness *512*

12. Voluntary Health Agencies 517

- International Health *520*
- World Health Organization (WHO) *520*
- UNICEF *522*
- UNDP *523*
- UNFPA *523*
- FAO *524*
- Nongovernmental Agencies *524*
- Health Work of Bilateral Agencies *526*

13. Health Planning and Management 528

- Health Planning *528*
- Management *530*
- National Health Policy *532*
- Disaster Management *538*
- Hospital Waste Management *543*

14. Primary Health Care 547

- Health for All *548*
- Health Status and Health Problems *550*
- Health Care Services *551*
- Community Health Centers *553*

Index 555