CONTENTS

ACKNOWLEDGEMENT
LIST OF PLATES
LIST OF TABLES

INTRODUCTION 1
Introduction, Development of Medical Geography, Aim and object, Area of
study, Source of Data, Plan of the
work, Degree of originality of the work.

CHAPTER I PHYSICAL ENVIRONMENT 1 - 20
Location and extent, Physiography,
Drainage pattern, Climate, Rainfall,
Humidity, Geology, Soils.

CHAPTER II CULTURAL ENVIRONMENT 21 - 50
Population, Nutritional density,
Educational level, Agriculture,
Landuse, Production, Industry,
Housing, Social and cultural aspects,
Occupation, Purchasing power, Custom
and tradition, Community caste system,
Marriage concept, Food habits, Family
structure.

CHAPTER III MICRO-ENVIRONMENT 51 - 72
Environmental pollution - Air pollution,
Water pollution, Problem villages,
Waste disposal, Sewage and drainage,
Personal pollution.

CHAPTER IV NUTRITION AND HEALTH 73 - 91
Importance of nutritional food stuffs -
Cereal, Pulses, Vegetables, Fruits,
Milk, Flesh food, Sugar, Water.
Nutrients - Protein, Carbohydrate.
Vitamins - Vitamin A, Thiamine,
Riboflavin. Minerals - Calcium, Iron,
Nutrients required for nursing mother,
Infants, Heavy workers.

CHAPTER V NUTRITIONAL STRUCTURE ... 92 - 135

Balanced diet, Function of food,
Requirements of nutrients, Diet survey,
Method of Data collection, Selection of
villages, Diet analysis, Rural
dietary habits, Community-wise
nutritional intake - Calorie, Protein,
Calcium, Iron, Vitamin A, B₁, B₂,
Nutrient ranks. Urban diet - Intake of
nutrients, Protein, Calcium, Iron,
Vitamin A, Vitamin B₁, Vitamin B₂,
Ranks of nutrient. Malnutrition and
undernutrition - Protein Calorie Mal-
nutrition (PCM), Kwashiorkor, Marasmus,
Vitamin A, B₁, B₂, Deficiency diseases,
Anaemia.

CHAPTER VI HEALTH HAZARDS : GENERAL CONSIDERATION 136 - 169

History of diseases, Geography of
diseases, Kind of diseases, Communicable
diseases, Non-communicable
diseases, Infectious diseases, Transmission of diseases. Organs and System
of Human body - The circulatory system,
The respiratory system, The digestive
system, The nervous system, Urinary
system. Classification of diseases.
DISEASES OF THE STUDY REGION -
Source of Data, The ranking of diseases,
Intensity of diseases - High disease
intensity area, Moderately high,
Moderate high, Moderately low, Low disease intensity area.

CHAPTER VII  ENVIRONMENTAL HEALTH HAZARDS ...

Environmental Diseases -

Group I  Dyentery and diarrhoea, Distribution and Discussion.

Group II  Digestive and Alimentary Canal Diseases - Liver, Jaundice, Constipation, Gall-Bladder, Peptic Ulcer, Hemorrhoids, Distribution and Discussion.

Group III  Respiratory system diseases - Common cold, Whooping cough, Bronchitis, Pneumonia, Asthma, Tuberculosis, Distribution and Discussion.

Group IV  Parasitic and Viral diseases - Poliomyelitis, Titanus, Filaria, Worms, Measles, Distribution and Discussion.

Group V  Skin and Venereal diseases - Syphilis, pimples, scabies, Pickly heat, Eczema, Leprosy, Distribution and Discussion.

Group VI  Eye diseases - Blindness, Trachoma, Cataract, Conjunctivities, Glucoma, Distribution and Discussion.

Group VII  Ear, Nose and Throat diseases - Ear infection, Sinusitis, Tonsils, Distribution and Discussion.

Group VIII  Teeth and Gum diseases - Dental caries, Pyorrhoea, Periodontal, Distribution and Discussion.
Group IX  Diseases of Urinary system - Kidney, Nephritis, Enlarge prostrate, Pyelonephritis, Renal stone, Distribution and Discussion.

CHAPTER VIII NUTRITIONAL DEFICIENCY HEALTH HAZARDS
Importance of Nutritional Deficiency, Protein deficiency diseases - Marasmus, Kwashirkov, Vitamin A, B1, B2, D deficiency diseases. Mineral deficiency diseases, Distribution and Discussion.

CHAPTER IX HEALTH CARE FACILITIES
Importance of Health Care, Three tier system, Primary Health Centre, District Hospital, Private Sector, Distance and Health care. Health facilities - Bed Population Ratio, Doctor Population Ratio, Rural Health Scheme, Village Guide, Trained Dai, Other facilities.

CHAPTER X CONCLUSION

APPENDIX

REFERENCES