

Anneuxre "I"

Marks: 120
Time: 02.00 Hours

SYLLABUS

JUNIOR HEALTH INSPECTOR

1. Anatomy

(Marks 05)

- Basic Concepts
- Organ Systems Elementary Knowledge

2. Physiology

(Marks 05)

- Basic concepts
- Various systems Elementary Knowledge.

3. Community Medicine

(Marks 40)

i) History of Community Medicine and Public Health

ii) Basic concepts

- Concept of health
- Concept of disease
- Concept of prevention

iii) Epidemiology – Basic concepts

iv) Infectious Disease.

- Dynamics of transmission
- Concept of control
- Immunity and Immunization
- Disinfection

Selected Infectious Disease:

Influenza, Measles, Mumps, Diphtheria, Pertussis, Tetanus, Hepatitis,
Polio, Rabies, Typhoid, Cholera, STD's, AIDS

v) Essentials of Outbreak Investigation

vi) Non Communicable Disease

- General concepts
- Prevention of Hypertension, Diabetes, Stroke, Blindness

v) Environmental Health

- Basic Concepts
- Water – Physical , Chemical and Biological standards for potable water sources and nature of pollution of water, hazards of water pollution, purification of water on large and small scale, sanitary well and tube well, water supply and storage system at community and household level.
 - Air-sources of air pollution, estimation of level of pollutants, green house effect, thermal comfort, radiation.
 - Noise pollution.
 - Housing – standards for healthy housing.
 - Athropods of public Health Importance.
 - Solid Waste management – classification of solid waste, harmful effect of solid waste system of collection and disposal of solid waste.
 - Liquid Waste management – classification, quality of different type of waste, hazards, sanitary sewerage system.
 - Night Soil Disposal – Hazards of insanitary disposal, types of latrines in use, Bore hole, dug well, RCA and Septic tank latrines, sanitation of trenching ground.

vi) Disaster Management

- Basics

vii) Bio Medical Waste Management

- Basics

4. Health Communication

(Marks 05)

- Basics
- Approaches in Health Education
- Methods
- Contents
- Planning an IEC

5. Nutrition

(Marks 05)

- Food components
- Nutritional Assessment

- Deficiency diseases
- Food adulteration
- Food borne diseases
- Food hygiene
- Nutritional Programs

6. Sanitation and Hygiene

(Marks 15)

- Sanitation of Public places and Hospitals
- Slaughter House
- Eating Establishment
- Food Inspection and adulteration.
- Sample collection and Preservation.
- Bacteriological Examination of Water.
- Food Poisoning and preventive measures.

7. Health Administration

(Marks 15)

- Health Care delivery System
- National Health Programs (Selected)
- Health Statistics
- Public Health Act
- Epidemic Diseases Act.
- Food Safety and Standards Act
- Environmental Protection Act.
- Municipal Acts regarding Cleanliness and Health.
- Organization and functioning of Municipal Corporations

8. MCH and Family Planning

(Marks 05)

- Ante Natal Care
- INC, PNC, Under five Care
- Family and Demography
- Methods of FP

9. Occupational Health

(Marks 05)

- Hazards
- Diseases

- 10. International Health (Marks 05)**
- 11. Drug Therapy (Marks 05)**
- Basic concepts
 - Classification of drugs
 - Brief description of common drugs at primary level
- 12. First Aid during (Marks 05)**
- Common Ailments
 - Injuries, Fractures, RTA
 - Burns, Drowning, Bites, Poisoning
- 13. Store Keeping- Basics (Marks 05)**