

Paper No. 4: Government Program for Disposal/Removal of biomedical waste

1. Survey of health services in different areas.
2. Planning of vaccination services.
3. Ensuring sanitization of Hospital Ward – Operation Theater–Labor room.
4. Participation in various programs.
5. Self-cleanliness awareness program.
6. Primary treatment in case of emergencies.

1. Infectious Diseases

Introduction – Airborne diseases – Diseases transmitted by diseases – Diseases transmitted by contact –Steps for prevention and control of diseases spread through other diseases and insects.

2. Immunity and Vaccination

Aims – types and effects – Major contagious diseases such as T.B., Diphtheria, Measles, Typhoid – National vaccination program for prevention

3. Disinfecting

Chemical Agent – Halogen –Potassium permanganate – bleaching powder – lime.

4. Non-communicable diseases

Introduction – new cases – total cases – Diagnosis, Detention, and Prevention.

5. Individual/Personal Health

Factors influencing it – Habits – Hand washing - digestive tract – addiction and digestion maintenance– skin and dental care – exercise – proper nutrition.

6. Primary treatment

Treatment of general illness.

7. Rules and laws for Public Health.

Collecting food samples for investigation – Paper work for legal action – Home inspection for detecting adulteration (in milk – ghee – oil – tea – sugar).

Public Health Laws

- Indian Epidemic Act.
- Air purification and water pollution act.
- Laws to prevent food adulteration.
- Birth and death registration act.
- M.P.T Act.
- Traffic Act.
- Laws of Municipal and Local Bodies relating to house design and cleanliness.
- Factory Act and Workers State Insurance Act.
- Checking of school and mid-day meals – Healthy habits for personal health and maintaining proper standards of cleanliness.

Exchange of information on health education

To prepare verbal and aural-visual messages.

Behavioral Science

Habits and rituals affect individual health. Bodily care – Clothes – Periods and Health–Care of extremely sensitive organs (eyes, ears).

Health education

Individual health – Environmental health – Use of collective resources – Personal visit to Primary Health Center – Health education through group discussion –For prevention of diseases and nutritious diet:

- Information about A.I.D.S
- Rejuvenation

- N.Q.A.S.
- Cleanliness mission.
- Maintain quality in public health and cleanliness.

Solid Waste Disposal

Sources of Production –storage–collection –arrangement for disposal – classification and effects – collection and transportation of solid waste from home and streets –method of creating compost/fertilizer.

Liquid Waste Disposal

Healthy methods of liquid waste disposal and dangers of liquid waste on health –gutter system – gutter system construction and maintenance – Water pollution through gutters and disinfecting polluted water.