

**RAJASTHAN PUBLIC SERVICE COMMISSION, AJMER**  
**Syllabus for Screening Test for the post of**  
**Sr. Demonstrator-Preventive and Social Medicine**  
**Medical Education Department**

- 1. History of Community Medicine :**
  - Introduction to Preventive & Social Medicine.
  - Development of Preventive & Social Medicine & Public Health.
- 2. Concepts in Community Health**
  - Health- Definition, Holistic concepts
  - Social factors related to health, diseases and disability
  - Levels of prevention and interventions
  - Health indicators
  - Epidemiological Triad
  - Characteristics of Agent Host and Environment
- 3. Sociology and Health**
  - Concepts in Sociology
  - Social Classification and Organization
  - Role of family in health and disease
  - Art of Interviewing
  - Socio-cultural factors related to health and disease
  - Impact of urbanization on health and disease
- 4. Nutrition and Health**
  - Introduction to food and nutrition
  - Classification of food
  - Common food sources of various nutrients
  - Balance diet
  - Dietary requirement of special groups (Infant, child, pregnancy and lactation etc.)
  - Common Nutritional disorders and deficiency diseases
  - Methods of Nutritional assessment of Individual, family, community and their interventional measures
  - Food-fortification, additives and adulteration
  - National Nutrition intervention Programmes and Policy
- 5. Man and Environment**
  - Concepts of ecology
  - Air and Noise pollution
  - Water supply-rural and urban
  - Sanitary water, water purification at domestic and community level
  - Housing and its effect on health
  - Medical entomology of arthropods, rodents and their control measures
- 6. Medial Statistics**
  - Introduction
  - Vital health statistics in India and its need.
  - Registration of birth and deaths and notification of communicable disease in India.

- Rates and ratio
- Life table, census, sample registration system.
- Elementary statistical methods

#### **7. Epidemiology**

- Definition, Principle, use and its role in health and disease
- Natural history of disease.
- Descriptive and Analytical
- Investigation of an epidemic, principle of control measure
- Mechanism of disease transmission
- Factors of immunity and resistance
- Screening-concepts, type and uses
- Life Style disease and their impact on health
- Fairs and festivals

#### **8. Health Education**

- Principles
- Aims and objectives
- Art of communication and its barriers
- IEC
- Organization of health promotion and educational activity

#### **9. Community Obstetrics, Pediatrics and Geriatrics**

- Maternity cycle and community problem regarding obstetrics and pediatrics.
- Antenatal, Natal and Post Natal care
- Feeding of Infants.
- Care of under five
- Developmental milestones
- Handicapped child
- Indicators of MCH
- Adolescent Health
- Health problems of old age.
- National Health intervention programme for Mother and Child
- IMNCI

#### **10. Family Planning and Demography :**

- Scope and need for family planning
- National demography, Population of India and world population
- Population Dynamics
- National family welfare programme
- Contraceptive methods and family welfare programme as an integral part of comprehensive health care

#### **11. Community School Health Services, Mental and Occupational Health :**

- School Health Programme
- Health Problems of School Child
- Behavioral problem
- Occupational Health Hazards Ergonomics
- Social security welfare measures
- Mental Health problems and community mental health services
- Problems of Drug dependence and Alcoholism
- Drug deaddiction

**12. Health Planning and management in the community :**

- Definition its purpose, Objectives, Targets and Goals.
- Planning Cycle.
- Management- Methods and Techniques.
- Health Planning in India.
- Five year Plan.
- Community development programme.
- Health system in India at Centre, State and District level.
- History of Public Health in India.
- IDSP

**13. Community Health care :**

- Health care delivery and its concept.
- Health Status and health problems in the community Resources.
- Health care services including 3 tier system of health care delivery.
- Health care system, Public/Private Agencies.
- Indigenous system of Medicine Voluntary Health Agencies and Vertical Health Programmes, AYUSH.

**14. International Health :**

- Agencies and their role
- Health Travel Regulations
- Non-governmental and other agencies.

**15. Principle of Disaster preparedness and application of disaster management**

- Biomedical waste management.
- Control of emerging and reemerging disease
- PFA Act.
- PC/PNDT Act

Note :- Pattern of Question Paper

1. Objective type paper
2. Maximum Marks :100
3. Number of Questions :100
4. Duration of Paper : Two Hours
5. All questions carry equal marks.
6. There will be Negative marking.

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