SYLLABUS: ASSISTANT PUBLIC HEALTH INSPECTOR IN MCD

Elements of Health, Public Health, Basic Sciences, Behavioral Science and Nutrition

- Introduction to Health, Pubic Health and Determinants of Health.
- Job description Sanitary Inspector and various Health Functionaries.
- Elementary Physics, Chemistry Biochemistry and Mathematics, Chemicals used in Public Health.
- Behavioral Science and IEC.
- Elementary Anatomy and Physiology
- Nutrition
- Elementary Pharmacology
- Personal Hygiene, First AID, Common Ailment and their treatment impotent Techniques.

Epidemiology, Elementary Microbiology, Parasitology , Communicable & Non Communicable Disease, related National Programme, Immunity and Immunization.

- Concept of Disease and prevention Causation of Disease, Spectrum of Disease, Iceberg Phenomenon of Disease, Natural History of Disease, Prevention of Disease
- Infectious Diseases Epidemiology Selected Definition, Dynamics of Disease, Transmission Control of Communicable Disease, Investigation of an Outbreak/Epidemic
- Elementary Microbiology, Parasitology & Entomology
  Microbiology Classification of Micro-organism, Bacteria, Viruses Fungi, Rickettsias, Spirochetes
  Parasitology Classification, Amoebiasis, Kala-azar, Soil-transmitted helminthes, Taeniasis, Hydatid Disease, Guineaworm Disease.
  Entomology-Arthropods and Diseases, Type of Transmission, Mosquito, House Sandfly, Rat Flea, Louse, Tickes, Itch Mite, Cyclops, Control of Arthropods, Rats
- **Disinfection and Antisepsis**
  Definition, Type of Disinfection Classification of Disinfectants Recommended Disinfection Procedures Hand washing Technique Broad areas of infection control covered in facility infection control plan
- **Immunity and immunization**
  Classification of Immunity Types of Vaccines
  Expanded Programme on immunization Pulse Polio Immunization National Immunization Schedule
  Vaccine Vial Monitor and Open Vial Policy Cold Chain and its Equipment
- **Epidemiology of Communicable Disease**
  Small Pox, Chicken Pox, Measles, Rubella, Mumps, Influenza
  CORONA Virus/Covid-19, Diphtheria Pertussis, Acute Respiratory Infections,
  Tuberculosis, RNTCP and End TB Strategy, Poliomyelitis, Viral Hepatitis and National Viral Hepatitis Control Program, Cholera, Acute Diarrheal Diseases, Typhoid, Food Polsoning
  Malaria, Filariasis, Dengue Syndrome, National Vector Borne Disease Control Programime, Yellow Fever, Japanese Encephalitis, Plague, Rabbles

and National ftables Control Programme, Tetanus, Leprosy, Trachoma Sexually Transmitted Disease, Acquired Immune Deficiency Syndrome Leptospirosis Emerging Diseases, Bioterrorism

- Epidemiology of Non-Communicable Diseases
  Coronary Heart Disease, Hypertension, Stroke, Rheumatic Heart Disease, Cancer, Diabetes Mellitus Obesity, Epilepsy, Mental Health and Mental Disorders, Blindness, Accidents

Health Administration, MCH, CSSM, FW, Demography, H& FW Programmes, Occupational Health, Public Health related Acts, Office Management and accounting systems

- Primary Health Care, Three Tier Health Care Delivery System, Health Administration in India, Panchayati Raj and Local-Self Government of Institutions
- Maternal and Child Health, CSSM, RCHand National Health Missions
- Demography and family Planning Methods, family Welfare Programme and MTP.
- Health information and Basic Statistics
- The Registration of Births and Death Act
- National Health Programmes in India
  General Enlisting Yearwise
  National Water Supply & Sanitation Programme
  Minimum Needs Programme
  20 Point Programme
  Millennium Development Goals
- Nutritional Programme and ICDS
- Maintenance of record and reports
- Office Management, Book Keeping and Accounts (Add: Material Management)
- Municipal Acts Pertaining to Public Health
- School Health
- Occupational Health & ESIS
- Concept of JAN AUSHADHI SCHEME
- Role of NGO/working of NGO

Environmental Sanitation, Public Health Engineering Methods, Housing, Excreta/Sewage/MSW/Bioterrorism and Disaster Management.

- Environment, SWACHHTA ABHIYAN, Concept of Smart cities
- Environmental Laws in India
- Water, Water Pollution, Water Surveillance & its Treatment
- Excreata Disposal and Sewage, its treatment & disposal
- Municipal Solid waste Management
- Biomedical (Hospital) Waste Management
- Air, Air Pollution, its Control & Meteorological Environment
- Housing
- Ventilation
- Lighting
- Radiation
- Noise
- Soll
- Disaster Management, Bioterrorism & Civil defence

	• Engineering Method of Disease Control • Sanitation of fairs, festivals and camps • Annexures • Pradhan Mantri Awas Yojana (PMAY) • NATIONALURBAN LIVELIHOOD MISSION (NULM) • The List of the themes of World Health Days (WHO days) The days for celebration and awareness related to the various important health issues
	Inspection of Trade Premises, Food Sanitation, PFA Act, 1948/FSSA Act 2006, Sampling methods. • Visits to institutions and organizations • Visit to PHC/UHC • Inspection of trade premises • Eating House • Sale of cut fruit, fruit salad and fruit Juice shop • Premises for preparation of Eatables. • Tea shop/Cold drink/Aerated waters shop • Lodging House • Bakery, Sweetmeat shop, confectionery goods • Manufacturing and selling ice-cream/ice candies/Milk Shop • Cold storage Trade • Trade of Extracting Sugarcane Juice/Sugarcane Juice Shop • Trade of Preparation and sale of Bhelpuri • Trade of grinding of corn or seeds • Trade of grinding of Chillies or Masala • Requirement for the trade of keeping liquor or toddy shop where liquor or toddy is served for consumption on the premises. • Pan Shop • Trade of Chemists and Druggists/Manufacturing, Preparing, Packing etc., By any process or operation Pharmaceutical or Medical Products. • Trade of Manufacturing Bidi or Indigenous Cigarettes • Hair dressing Salon or a Barbers Shop/Beauty Parlour • Inspection of Swimming Pool • Cremation of Burning • Cow-Sheds and Stables • Trade of parching grains/ground-nut seeds, tamarind seeds or any other seeds/keeping oils of all kinds excluding essential and mineral oils/cakes. • Seeds/fats of all kind including ghee/oll-seeds of all kinds. • Slaughter House • Update/Revision