

**SCHEME AND SYLLABUS OF EXAMINATION FOR THE PURPOSE OF FILLING UP THE POST OF GENERAL DUTY MEDICAL OFFICER UNDER SIKKIM STATE HEALTH SERVICE**

The Examination will consist of 3 papers:-

<b>PAPERS</b>	<b>SUBJECT</b>	<b>FULL MARKS</b>	<b>TIME ALLOWED</b>
PAPER-I	GENERAL ABILITY AND PREVENTIVE SOCIAL AND COMMUNITY MEDICINE	300	3.00 hours
PAPER-II	GENERAL MEDICINE AND PAEDITARICS	300	3.00 hours
PAPER-III	SURGERY, GYNAECOLOGY AND OBSTETRICS	300	3.00 hours

\* (Mode of Examination pattern shall be objective MCQ and Conventional Type for Paper-I, Paper-II and Paper-III).

**PAPER-I:-**

\* VIVA VOCE - 100

**(A) GENERAL ABILITY**

- i. Society, culture & heritage, polity, economy, human development Indices and the development programmes, United Nation's Millennium Development Goals (MDGs) and achievement of the Country and the State, main health indicators.
- ii. Natural resources their distribution, exploitation, conservation and related issues;
- iii. Basic concepts of Ecology and Environment and their impact on health and economy;
- iv. Impact of changing demographic trend on health, environment and society;
- v. Indian agriculture, industry, trade, transportation and service sectors;
- vi. Natural and manmade disasters and their management;
- vii. Food adulteration, food processing, food distribution, food storage and their relevance to public health;
- viii. Recent trends in Science and Technology.

**(B) PREVENTIVE SOCIAL AND COMMUNITY MEDICINE**

- i. Social and Community Medicine
- ii. Concept of Health, Disease and Preventive Medicine
- iii. Health Administration and Planning
- iv. General Epidemiology
- v. Demography and Health Statistics
- vi. Communicable diseases
- vii. Environmental Health
- viii. Nutrition and Health
- ix. Non- communicable diseases
- x. Occupational Health
- xi. Genetics and Health
- xii. Medical Sociology and Health Education
- xiii. Maternal and Child Health
- xiv. National Programmes

**Contd/-.....**

National programs for prevention and control of Cancer, Diabetes, Cardiovascular Diseases and Stroke (NPCDCS), National Rural Health Mission, (the vision, Goals, core strategies, supplementary strategies, plan of action, institutional mechanisms, technical support, role of state governments under NRHM, role of panchayati raj institutions, role of NGOs in the mission, mainstreaming AYUSH, major components, outcomes and monitoring and evaluation), Revised National TB control programme, National Programme for Health Care of the elderly (NPHCE), National Programme for Prevention and Control of Deafness, National Leprosy Eradication (NLEP) Prog. & related Matters, Tobacco Control Program, Janani Suraksha Yojana (JSY), National AIDS Control Programme, Universal Immunization Programme (UIP), Expanded Programme of Immunization, Nation-wide programme for supplementation of iron and folic acid, National Child Health programme, supplementary Nutrition Programme including Mid-Day Meal Programme in the Schools, Programme for effective implementation of PNDT Act, Universal Free Health Coverage, Restructuring of ICDS Scheme and Supplementary Nutrition Programme under ICDS, National Mission for Empowerment of Women, Prevention of Spread of H<sub>1</sub>N<sub>1</sub> Virus, Universal Registration of Births, Strategy for Checking Child Mortality, Nutrition Programme on Women and Children and Government Schemes to fight Malnutrition, Collaborative initiative to Combat Blindness, Rashtriya Bal Swasthya Karyakaram and National Programme for Universal Screening of Children, National Plan of Action for improving Child Sex Ratio, Bio-Medical Waste ASU drugs, Strengthening of Research Councils' Unit, National AYUSH Health Programme, Hospitals & Dispensaries (under NRHM including AYUSH - Flexi-pool), Programme for Prevention of Alcoholism and Substance (Drugs) Abuse, National Vector borne Disease control programme, National Iodine Deficiency Disorders Programme, National Mental Health Programme.

xv. **State Programmes**

School Health Programme, Programmes related to Accident and Trauma Centre, Programme related to Telemedicine, Mukhya Mantri Jeevan Raksha Kosh, Mukhya Mantri Sishu Suraksha Yojana Avam Sutkeri Sahayog Yojana, Programmes related to Accredited Social Health Activists (ASHA), Indigenous System of Medicines, Amji System of medicine, Programmes for prevention and controlled of Blindness, Drugs De-addiction Programme, Implementation of Drug Abuse and Anti Drugs Act 2006, **Comprehensive Annual and Total Check up for Healthy (CATCH) Sikkim**, Health Card distribution and specialize Check-up, State Blood Bank Programme, Programme related to prevention of Food Adulteration, Programme related to consultation with Super-Specialty Hospitals for Heart, Kidney, Liver, Cancer, Diabetes, Knee & Joints and other major diseases, Observance of main National & International days related to various diseases prevention and awareness, Programmes empowering persons with Mental Retardation, Cerebral Palsy, Autism and Multiple Disabilities by facilitating building of capacity, and other important programmes of Health Care, Human Services and Family Welfare Department and Social Welfare Department.

**(a) GENERAL MEDICINE**

- i. Cardiology
- ii. Respiratory diseases
- iii. Gastro-intestinal
- iv. Genitor-Urinary
- v. Neurology
- vi. Hamatology
- vii. Endocrinology

**Contd/-.....**

- viii. Metabolic disorders
- ix. Infection/Communicable Diseases
  - Viral
  - Rickettsial
  - Bacterial
  - Spirochetal
  - Protozoan
  - Metazoan
  - Fungal
- x. Nutrition/Growth
- xi. Diseases of the Skin (Dermatology)
- xii. Musculoskeletal System
- xiii. Psychiatry
- xiv. General

(b) **PREDITRICS**

All subject as included in General Medicine

- (i) Growth and Development.
- (ii) Immunization.
- (iii) Adolescent Health.
- (iv) Neo- natology.

**PAPER- III: SURGERY, GYNECOLOGY AND OBSTETRICS - 300 Marks**

(A) **Surgery** (Surgery including ENT, Ophthalmology, Traumatology and Orthopaedics).

**I. GENERAL SURGERY**

- i. Wounds
- ii. Infections
- iii. Tumours
- iv. Lymphatic
- v. Blood vessels
- vi. Cysts/sinuses
- vii. Head and neck
- viii. Breast
- ix. Alimentary tract
  - Oesophagus
  - Stomach
  - Intestines
  - Anus
  - Developmental
- x. Liver, Bile, Pancreas
- xi. Spleen
- xii. Peritoneum
- xiii. Abdominal wall
- xiv. Abdominal injuries

**Contd/-.....**

- II. Urological surgery
- III. Neuro Surgery
- IV.** Otorhinolaryngology E.N.T
- V.** Thoracic surgery
- VI.** Orthopaedic surgery
- VII.** Ophthalmology
- VIII.** Anesthesiology
- IX.** Traumatology

**IV. GYNAECOLOGY & OBSTETRICS**

**V. Obstetrics**

- i. Ante-natal conditions
- ii. Intra-natal conditions
- iii. Post-natal conditions
- iv. Management of normal labours or complicated labour

**VI. Gynaecology**

- i. Questions on applied anatomy
- ii. Questions on applied physiology of menstruation and fertilization
- iii. Questions on infections in genital tract
- iv. Questions on neoplasma in the genital tract
- v. Questions on displacement of the uterus.

**III. Family planning**

- i. Conventional contraceptives
- ii. U.D and oral pills
- iii. Operative procedure, sterilization and organization of programmes in the urban and rural surroundings
- iv. Medical Termination of Pregnancy

**VIVA-VOICE** : The candidates will be interviewed by the Commission who will have before them a record of his career. He will be asked questions on matters of general interest. The object of the interview is to assess the personality suitability of the candidate for the service post.

The test is intended to judge the mental caliber of candidate. In broad terms this is really an assessment of not only his intellectual qualities but also social traits and his interest in current affairs. Some of the qualities to be judged are mental alertness, critical powers of assimilation, care and logical exposition, balance of judgment, variety and depth of interest, ability for social cohesion and leadership intellectual and moral integrity

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