

## **APPENDIX-I SCHEME OF EXAMINATION**

The examination shall be conducted according to the following plan:-

### **Part-I**

#### **WRITTEN EXAMINATION – (500 marks)**

The candidates will take the written examination in two Papers, each Paper carrying a maximum of 250 marks. Each Paper will be of two hours duration.

### **Part-II**

#### **PERSONALITY TEST: (100 Marks):**

Personality Test carrying **100 marks** of such of the candidates who qualify on the results of the written examination.

#### **(A) Written Examination:**

1. The components and syllabi of two Papers and the weightage to different components in the two papers are given below: -

#### **PAPER I (Code No. 1)**

**Maximum Marks: 250**

#### **GENERAL MEDICINE AND PAEDIATRICS:**

**Total questions in Paper I = 120 (96 from General Medicine and 24 from Paediatrics);**

#### **SYLLABUS OF PAPER-I**

##### **(a) General Medicine including the following:**

- (i) Cardiology
- (ii) Respiratory diseases
- (iii) Gastro-intestinal
- (iv) Genito-Urinary
- (v) Neurology
- (vi) Hematology
- (vii) Endocrinology
- (viii) Metabolic disorders
- (ix) Infections/Communicable Diseases
  - a) Virus
  - b) Ricketts
  - c) Bacterial
  - d) Spirochetal
  - e) Protozoan
  - f) Metazoan
  - g) Fungus
- (x) Nutrition/Growth
- (xi) Diseases of the skin (Dermatology)
- (xii) Musculoskeletal System
- (xiii) Psychiatry
- (xiv) General
- (xv) Emergency Medicine
- (xvi) Common Poisoning
- (xvii) Snake bite
- (xviii) Tropical Medicine
- (xix) Critical Care Medicine
- (xx) Emphasis on medical procedures
- (xxi) Patho physiological basis of diseases

- (xxii) Vaccines preventable diseases and Non vaccines preventable diseases
- (xxiii) Vitamin deficiency diseases
- (xxiv) In psychiatry include – Depression, psychosis, anxiety, bipolar diseases and Schizophrenia.

**(b) Paediatrics including the following –**

- (i) Common childhood emergencies,
- (ii) Basic new born care,
- (iii) Normal developmental milestones,
- (iv) Accidents and poisonings in children,
- (v) Birth defects and counselling including autism,
- (vi) Immunization in children,
- (vii) Recognizing children with special needs and management, and
- (viii) National programmes related to child health.

**PAPER II  
(Code No. 2)**

**Maximum Marks: 250**

- (a) Surgery**
- (b) Gynaecology & Obstetrics**
- (c) Preventive & Social Medicine**

**Total questions in Paper II = 120 (40 questions from each part.)**

**SYLLABUS OF PAPER – II**

**(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
  - a) Oesophagus
  - b) Stomach
  - c) Intestines
  - d) Anus
  - e) Developmental
- x) Liver, Bile, Pancreas
- xi) Spleen
- xii) Peritoneum
- xiii) Abdominal wall
- xiv) Abdominal injuries

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

- (X) Diagnosis and management of common surgical ailments
- (XI) Pre-operative and post-operative care of surgical patients
- (XII) Medicolegal and ethical issues of surgery
- (XIII) Wound healing
- (XIV) Fluid and electrolyte management in surgery
- (XV) Shock patho-physiology and management.

**(b) GYNAECOLOGY & OBSTETRICS**

**(I) OBSTETRICS**

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

**(II) 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
- vi) Normal delivery and safe delivery practices
- vii) High risk pregnancy and management
- viii) Abortions
- ix) Intra Uterine growth retardation
- x) Medicolegal examination in obgy and Gynae including Rape.

**(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

**(c) 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 International Health
- XIII Medical Sociology and Health Education
- XIV Maternal and Child Health
- XV National Programmes
- XVI Management of common health problems
- XVII Ability to monitor national health programmes
- XVIII Knowledge of maternal and child wellness
- XIX Ability to recognize, investigate, report, plan and manage community health problems including malnutrition and emergencies.