

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) Rickets
 - 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 counseling 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) Orthopedic 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.**

2. The written examination in both the papers will be completely of objective (Multiple choice answers) type. The question Papers (Test Booklets) will be set in English only.

3. General Instructions for Examination:

3.1 **Candidates must write the papers in their own hand. In no circumstances will they be allowed the help of a scribe to write the answers for them. However, the Persons with Benchmark Disabilities in the categories of blindness, locomotor disability (both arm affected-BA) and cerebral palsy will be eligible for the facility of scribe, if desired by the person. In case of other category of Persons with Benchmark Disabilities as defined under section 2(r) of the RPwD Act, 2016, such candidates will be eligible for the facility of scribe on production of a certificate to the effect that the person concerned has physical**