

## APPENDIX-I SCHEME OF EXAMINATION

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

### **Part-I**

#### **COMPUTER BASED EXAMINATION - (500 marks)**

The candidates will take the Computer based 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 Computer based examination.

#### **(A) Computer based Examination:**

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

<b>Paper I</b>	<b>Maximum</b>
<b>(Code No. 1)</b>	<b>Marks: 250</b>

*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 Computer based 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 mark the papers in their own hand. In no circumstances will they be allowed the help of a scribe to mark the answers for them. The Persons with Benchmark Disabilities in the categories of blindness, locomotor disability (both arm affected-BA) and cerebral palsy will be provided 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, the facility of scribe will be allowed to such candidates on production of a certificate to the effect that the person concerned has physical limitation to write, and scribe is essential to write examination on his/her behalf, from the Chief Medical Officer/Civil Surgeon/ Medical Superintendent of a Government Health Care institution as per proforma at Appendix-VI.

3.2 The candidates have discretion of opting for his/ her own scribe or request the Commission for the same. The details of scribe i.e. whether own or the Commission's

and the details of scribe in case candidates are bringing their own scribe, will be sought at the time of filling up the application form online as per proforma at Appendix - VII.

3.3 The qualification of the Commission's scribe as well as own scribe will not be more than the minimum qualification criteria of the examination. However, the qualification of the scribe should always be matriculate or above.

3.4 The Persons with Benchmark Disabilities in the category of blindness, locomotor disability (both arm affected-BA) and cerebral palsy will be allowed Compensatory Time of twenty minutes per hour of the examination. In case of other categories of Person with Benchmark Disabilities, this facility will be provided on production of a certificate to the effect that the person concerned has physical limitation to write from the Chief Medical Officer/Civil Surgeon/ Medical Superintendent of a Government Health Care institution as per proforma at Appendix - VI.

**Note (1) :** The eligibility conditions of a scribe, his/her conduct inside the examination hall and the manner in which and extent to which he/she can help the PwBD candidate shall be governed by the instructions issued by the UPSC in this regard. Violation of all or any of the said instructions shall entail the cancellation of the candidature of the PwBD candidate in addition to any other action that the UPSC may take against the scribe.

**Note (2) :** The criteria for determining the percentage of visual impairment shall be as follows :—

Better eye Best Corrected	Worse eye Best Corrected	Per Cent Impairment	Disability category
6/6 to 6/18	6/6 to 6/18	0%	0
	6/24 to 6/60	10%	0
	Less than 6/60 to 3/60	20%	I
	Less than 3/60 to No Light Perception	30%	II (One eyed person)
6/24 to 6/60 Or Visual field less than 40 up to 20 degree around centre of fixation or heminaopia involving macula	6/24 to 6/60	40%	III a (low vision)
	Less than 6/60 to 3/60	50%	III b (low vision)
	Less than 3/60 to No Light Perception	60%	III c (low vision)
Less than 6/60 to 3/60 Or Visual field less than 20 up to 10 degree around centre of fixation	Less than 6/60 to 3/60	70%	III d (low vision)
	Less than 3/60 to No Light Perception	80%	III e (low vision)
Less than 3/60 to 1/60 Or Visual field less than 10	Less than 3/60 to No Light Perception	90%	IV a (Blindness)

degree around centre of fixation			
Only HMCF	Only HMCF	100%	IV b (Blindness)
Only Light Perception	Only Light Perception		
No Light Perception	No Light Perception		

**Note (3) :** The concession admissible to blind/low vision candidates shall not be admissible to those suffering from Myopia.

4. The Commission have discretion to fix qualifying marks in any or both the papers of the examination.

5. Penalty for wrong answers

**There will be penalty (Negative Marking) for wrong answers marked by a candidate in the objective type question papers.**

(i) There are four alternatives for the answers to every question. For each question for which a wrong answer has been given by the candidate, **one third** of the marks assigned to that question will be deducted as penalty.

(ii) If a candidate gives more than one answer, it will be treated as a **wrong answer** even if one of the given answers happens to be correct and there will be same penalty as above for that question.

(iii) If a question is left blank i.e. no answer is given by the candidate, there will be **no penalty** for that question.

6. Candidates are not permitted to use calculators for answering objective type papers. They should, therefore not bring the same inside the Examination Hall.

7. **Both the Papers of the CMSE will be of MBBS standard.**

**(B) PERSONALITY TEST - (100 marks):**

Candidates who qualify in the computer based examination will be called for Interview/ Personality Test to be conducted by the Union Public Service Commission. The Interview/ Personality Test will carry 100 marks.

The Interview for Personality Test will be intended to serve as a supplement to the computer based examination for testing the General Knowledge and ability of the candidates in the fields of their academic study and also in the nature of a personality test to assess the candidate's intellectual curiosity, critical powers of assimilation, balance of judgement and alertness of mind, ability for social cohesion, integrity of character, initiative and capability for leadership.