

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 syllabus of two Papers and the weightage to different components in the two papers are given below: -

Paper I

(Code No. 1)

(a) General Ability

(b) General Medicine

(c) Paediatrics

Maximum

Marks: 250

30 questions

70 questions

20 questions

Total questions in Paper I = 120 (30 General Ability, 70 General Medicine and 20 Paediatrics).

Compensatory time of twenty minutes per hour shall be permitted for the candidates with locomotors disability and cerebral palsy where dominant (Writing) extremity is affected to the extent of slowing the performance of function (minimum of 40% impairment).

Syllabus of Paper-I

(a) General Ability

(i) Indian Society, Heritage & Culture, Polity, Economy, Human Development Indices and the Development Programmes;

(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 trends on health, environment and society;

(v) Indian Agriculture, Industry, Trade, Transportation and Service Sectors;

(vi) Natural and man made 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) General Medicine

(General Medicine including Cardiology, Neurology, Dermatology and Psychiatry)

- (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

(c) Paediatrics

Paper II

(Code No. 2)

(a) Surgery

(b) Gynaecology & Obstetrics

(c) Preventive & Social Medicine

Maximum

Marks : 250

40 questions

40 questions

40 questions

Total questions in Paper II = 120 (40 Surgery, 40 Gynaecology & Obstetrics and 40 Preventive & Social Medicine).

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

(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

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

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. Candidates must mark the Papers themselves. In no circumstances will they be allowed the help of a scribe to mark answers for them.

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 (0.33)** 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.

(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 judgment and alertness of mind,