

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

Paper I (Code No. 1)	Maximum Marks: 250
(a) General Ability	30 questions
(b) General Medicine	70 question
(c) Paediatrics	20 questions

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

Syllabus of Paper-I

(a) General Ability

- (i) Indian Society, Heritage and 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)

Maximum Marks: 250

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| (a) Surgery | 40 questions |
| (b) Gynaecology & Obstetrics | 40 questions |
| (c) Preventive & Social Medicine | 40 questions |

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

Syllabus of Paper - II

(a) Surgery:-

(Surgery including E.N.T., 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 AND 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 answer) type. The Question Papers (Test Booklets) will be set in English only.

3. Candidates must mark the answers with their own hand. 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 will be 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 it 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, ability for social cohesion integrity of character, initiative and capability for leadership.