

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: -

Paper I **Maximum**
(Code No. 1) **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 **Maximum**
(Code No. 2) **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.