**Pharmacology 3rd Prof**

|  |  |  |
| --- | --- | --- |
| **Area**  | **No. of MCQs****(01 Mks each)** | **No. of SEQs****(10 Mks each)** |
| Principles of Pharmacology1. Pharmacokinetics
2. Pharmacodynamics
3. Drug Development and Safety
 | 05 | 01 |
| Autonomic and Neuromuscular Pharmacology1. Acetylcholine Receptor Agonists
2. Acetylcholine Receptor Antagonists
3. Adrenoceptor Agonists
4. Adrenoceptor Antagonists
 | 05 | 02 |
| Cardiovascular, Renal and Hematologic Pharmacology1. Antihypertensive Drugs
2. Antianginal Drugs
3. Drugs for heart failure
4. Diuretics
5. Antiarrhythmic Drugs
6. Drugs for Hyperlipidemia
7. Anticoagulant, Antiplatelet and Fibronolytic Drugs
8. Hematopoietic Drugs
 | 08 | 02 |
| Central Nervous System Pharmacology1. Sedative-Hypnotic and Anxiolytic Drugs
2. Antiepileptic Drugs
3. Local and General Anesthetics
4. Psychotherapeutic Drugs
5. Opioid Analgesics and Antagonists
6. Drugs for Neurodegenerative Diseases
7. Drugs of Abuse
 | 10 | 02 |
| Pharmacology of The Respiratory and Other Systems1. Autacoid Drugs
2. Drugs for Respiratory Tract Disorders
3. Drugs for Gastrointestinal Tract Disorders
4. Drugs for headache Disorders
5. Drugs for Pain, Inflammation and Arthritic Disorders
 | 07 | 02 |
| Endocrine Pharmacology 1. Hypothalamic and Pituitary Drugs
2. Thyroid Drugs
3. Adrenal Steroids and Related Drugs
4. Drugs Affecting Fertility and Reproduction
5. Drugs for Diabetes Mellitus
6. Drugs Affecting Calcium and Bone
 | 05 | 02 |
| Chemotherapy1. Principles of Antimicrobial Chemotherapy
2. Inhibitors of Bacterial Cell Wall Synthesis
3. Inhibitors of Bacterial protein, Synthesis
4. Quinolones, Antifolate Drugs and Other Antimicobial Agents
5. Antimycobacterial Drugs
6. Antifungal Drugs
7. Antiviral Drugs
8. Antiparastic Drugs
9. Antineoplastic and Immunomodulating Drugs
 | 10 | 01 |
| **Total** | **50** | **12** |



**General Pathology & Microbiology 3rd Prof**

**General Pathology**  **MCQs SEQs (10 Mks each)**

|  |  |  |
| --- | --- | --- |
| Cell Injury | 03 | 01 |
| Cell Infiltration | 01 |
| Calcification, Necrosis etc | 01 |
| Inflammation  |  | 01 |
| 1. Acute Inflammation
 | 03 |
| 1. Chronic Inflammation (including granuloma)
 | 03 |
| Hemodynamics (Oedema, Shock, Thrombosis, Infarction) | 03 | 01 |
| Repair | 01 | 01 |
| Genetics | 01 |
| Neoplasia | 04 | 01 |

**Microbiology**  **MCQs SEQs(10 Mks each)**

|  |  |  |
| --- | --- | --- |
| General Bacteriology | 05 | 02 |
| Special Bacteriology | 13 | 03 |
| Immunology | 03 | 01 |
| Virology | 01 |  |
| Parasitology | 07 | 01 |
| Mycology | 01 |  |
| **Total** | **50** | **12** |

**Forensic Medicine 3rd Prof**

|  |  |  |
| --- | --- | --- |
| **Area**  | **No. of MCQs****(01 Mks each)** | **No. of SEQs****(05 Mks each)** |
| Law & Ethics (Legal Procedures, Medical Jurisprudence, Laws related to Medical Man) | 07 | 02 |
| Personal Identity | 06 | 02 |
| Thanatology, Death & its Medico-legal aspects / Autopsy | 06 | 01 |
| Asphyxia Deaths | 03 | 01 |
| Traumatology, Accidents at Home & Environment (Accidental Trauma) | 07 | 02 |
| Forensic aspects of sex, Medico-legal aspects of body fluids & its examination | 02 | 02 |
| Forensic psychiatry | 02 |
| General Toxicology | 02 | 01 |
| Special Toxicology | 10 | 01 |
| **Total** | **45** | **12** |



**Special Pathology 4th Prof**

|  |  |  |
| --- | --- | --- |
| **Area**  | **No. of MCQs****(01 Mks each)** | **No. of SEQs****(10 Mks each)** |
| Heart | 04 | 01 |
| Blood Vessel | 03 | 01 |
| Respiratory System | 05 | 01 |
| GIT | 05 | 01 |
| Biliary Tract (Liver, Gall Bladder & Pancreas) | 05 | 01 |
| Kidney & Lower Urinary Tract | 05 | 01 |
| Male Genital System | 02 |  |
| Female Genital System | 04 | 01 |
| Breast | 01 |
| Endocrinology | 04 | 02 |
| Musculoskeletel | 02 | 01 |
| Nervous System & Skin | 02 |
| **Haematology** |  |  |
| Anemias | 04 | 02 |
| Leukemias  | 03 |
| Bleeding Disorders and blood transfusion  | 01 |
| **Total** | **50** | **12** |

**Community Medicine 4th Prof**

|  |  |  |
| --- | --- | --- |
| **Area**  | **No. of MCQs****(01 Mks each)** | **No. of SEQs****(10 Mks each)** |
| Biostatistics | 05 | 01 |
| Demography | 03 | 01 |
| Epidemiology | 10 | 02 |
| Infectious Diseases | 10 | 02 |
| Non-Infectious Diseases | 01 |
| Environmental Health | 05 | 01 |
| Disaster | 01 |  |
| Health Education | 01 |  |
| School Health Services | 01 |  |
| Nutrition | 04 | 01 |
| Occupational Health | 02 | 01 |
| IMCI | 01 |  |
| Immunology | 01 |  |
| Reproductive Health | 06 |  |
| MCH | 01 |
| Health & Disease |  |
| Entomology |  | 01 |
| **Total** | **50** | **12** |



**Ophthalmology 4th Prof**

|  |  |  |
| --- | --- | --- |
| **Area**  | **No. of MCQs****(01 Mks each)** | **No. of SEQs****(05 Mks each)** |
| Eyelids / Lacrimal System | 03 | 01 |
| Conjunctiva | 03 | 01 |
| Cornea | 04 | 01 |
| Uvea / Tumors | 03 | 01 |
| Lens / Paediatrus | 06 | 01 |
| Glaucoma | 05 | 01 |
| Retina | 05 | 01 |
| Neuropathalmology | 03 | 01 |
| Orbit | 03 | 01 |
| Squint | 03 | 01 |
| Refractive Errors | 02 | 01 |
| Ocular Trauma | 05 | 01 |
| **Total** | **45** | **12** |

**Otorhinolaryngology (ENT) 4th Prof**

|  |  |  |
| --- | --- | --- |
| **Area**  | **No. of MCQs****(01 Mks each)** | **No. of SEQs****(05 Mks each)** |
| **Ear & Intracranial Complications**Ext EarMiddle EarInner Ear | 050802 | 04 |
| **Nose, Sinuses & Nasopharynx**Allergic Condition / Nasal Polyp / NeoplasiaInfections / Congenital Diseases / Trauma | 0807 | 04 |
| **Oral Cavity, Oropharynx, Larynx, Tracheobronchial tree, Neck, Esophagus**Oral CavityTonsils / adenoidsLarynxFB / StridorDysphagia / FB | 0204030303 | 04 |
| **Total** | **45** | **12** |

