

TAMILNADU PUBLIC SERVICE COMMISSION

SYLLABUS

CODE NO. 151

MEDICAL SPECIALITY SUBJECT

GENERAL MEDICINE (P.G. DEGREE STANDARD)

SECTION—1: CLINICAL

1. Internal Medicine

PART –1

CARDINAL MANIFESTATIONS AND PRESENTATION OF DISEASES

Pain: Pathophysiology and Management
Chest Discomfort and Palpitations
Abdominal Pain
Headache
Back and Neck Pain
Alterations in Body Temperature
Fever and Hyperthermia
Fever and Rash
Fever of Unknown Origin
Hypothermia and Frostbite
Nervous System Dysfunction
Syncope, Faintness, Dizziness, and Vertigo
Weakness, Disorders of Movement, and Imbalance
Numbness, Tingling, and Sensory Loss
Aphasia, Memory Loss, and Other Focal Cerebral Disorders
Sleep Disorders

Disorders of Eyes, Ears, Nose, and Throat

Disorders of the Eye
Disorders of Smell, Taste, and Hearing
Infections of the Upper Respiratory Tract
Oral Manifestations of Disease

Alterations in Circulatory and Respiratory Functions

Dyspnea and Pulmonary Edema
Cough and Hemoptysis, Hypoxia and Cyanosis, edema

Alterations in Gastrointestinal Function

Dysphagia
Nausea, Vomiting, and Indigestion
Diarrhea and Constipation
Weight Loss
Gastrointestinal Bleeding
Jaundice
Abdominal Swelling and Ascites

Alterations in Renal and Urinary Tract Function

Azotemia and Urinary Abnormalities
Fluid and Electrolyte Disturbances
Acidosis and Alkalosis

Alterations in Sexual Function and Reproduction

Sexual Dysfunction
Hirsutism and Virilization
Infertility and Fertility Control

Alterations in the Skin

Approach to the Patient with a Skin Disorder
Eczema, Psoriasis, Cutaneous Infections, Acne, and Other Common Skin Disorders
Skin Manifestations of Internal Disease
Immunologically Mediated Skin Diseases
Cutaneous Drug Reactions
Photosensitivity and Other Reactions to Light

Hematologic Alterations

Anemia and Polycythemia
Bleeding and Thrombosis
Enlargement of Lymph Nodes and Spleen
Disorders of Granulocytes and Monocytes

PART ---2

GENETICS AND DISEASE

Principles of Human Genetics
Chromosome Disorders
The Practice of Genetics in Clinical Medicine
Stem Cell and Gene Transfer in Clinical Medicine

NUTRITION

Nutritional Requirements and Dietary Assessment
Vitamin and Trace Mineral Deficiency and Excess
Malnutrition and Nutritional Assessment
Enteral and Parenteral Nutrition Therapy
Obesity
Eating Disorders

PART—3

ONCOLOGY AND HEMATOLOGY

Neoplastic Disorders
Approach to the Patient with Cancer
Prevention and Early Detection of Cancer
Cancer Genetics
Cancer Cell Biology and Angiogenesis
Principles of Cancer Treatment: Surgery, Chemotherapy, and Biologic Therapy
Principles of Radiation Therapy
Infections in Patients with Cancer
Cancer of the Skin
Head and Neck Cancer
Neoplasms of the Lung
Breast Cancer
Gastrointestinal Tract Cancer
Tumors of the Liver and Biliary Tract
Pancreatic Cancer
Bladder and Renal Cell Carcinomas
Hyperplastic and Malignant Diseases of the Prostate
Testicular Cancer
Gynecologic Malignancies
Soft Tissue and Bone Sarcomas and Bone Metastases
Metastatic Cancer of Unknown Primary Site
Paraneoplastic Syndromes: Endocrinologic / Hematologic
Paraneoplastic Neurologic Syndromes
Oncologic Emergencies
Late Consequences of Cancer and Its Treatment

Hematopoietic Disorders

Iron Deficiency and Other Hypoproliferative Anemias
Hemoglobinopathies
Megaloblastic Anemias
Hemolytic Anemias and Acute Blood Loss

Aplastic Anemia, Myelodysplasia, and Related Bone Marrow Failure Syndromes
Polycythemia Vera and Other Myeloproliferative Diseases
Acute and Chronic Myeloid Leukemia
Malignancies of Lymphoid Cells
Plasma Cell Disorders
Transfusion Biology and Therapy
Hematopoietic Cell Transplantation

Disorders of Hemostasis

Disorders of the Platelet and Vessel Wall
Disorders of Coagulation and Thrombosis
Antiplatelet, Anticoagulant, and Fibrinolytic Therapy

PART—4

INFECTIOUS DISEASES INCLUDING TROPICAL MEDICINE

Basic Considerations in Infectious Diseases
Introduction to Infectious Diseases: Host-Pathogen Interactions
Molecular Mechanisms of Microbial Pathogenesis
Approach to the Acutely Ill Infected Febrile Patient
Immunization Principles and Vaccine Use
Health Advice for International Travel

Clinical Syndromes: Community-Acquired Infections

Infective Endocarditis
Infections of the Skin, Muscle, and Soft Tissues
Osteomyelitis
Intraabdominal Infections and Abscesses
Acute Infectious Diarrheal Diseases and Bacterial Food Poisoning
Clostridium difficile-Associated Disease, Including Pseudomembranous Colitis
Sexually Transmitted Diseases: Overview and Clinical Approach

Clinical Syndromes: Nosocomial Infections

Hospital-Acquired Infections
Infections in Transplant Recipients

Approach to Therapy for Bacterial Diseases

Treatment and Prophylaxis of Bacterial Infections

Diseases Caused by Gram-Positive Bacteria

Pneumococcal Infections
Staphylococcal Infections
Streptococcal and Enterococcal Infections
Diphtheria and Other Corynebacterial Infections
Infections Caused by Listeria monocytogenes
Tetanus, Botulism, Gas Gangrene and Other Clostridial Infections

Diseases Caused by Gram-Negative Bacteria

- Meningococcal Infections
- Gonococcal Infections
- Moraxella catarrhalis and Other Moraxella Species
- Haemophilus Infections
- Infections Due to HACEK Group and Miscellaneous Gram-Negative Bacteria
- Legionella Infection
- Pertussis and Other Bordetella Infections

Diseases Caused by Gram-Negative Enteric Bacilli

- Helicobacter pylori Infections
- Infections Due to Pseudomonas Species and Related Organisms
- Salmonellosis
- Shigellosis

Infections Due to Campylobacter and Related Species

- Cholera and Other Vibrios
- Brucellosis
- Tularemia
- Plague and Other Yersinia Infections
- Bartonella Infections, Including Cat-Scratch Disease
- Donovanosis

Miscellaneous Bacterial Infections

- Nocardiosis
- Actinomycosis

Infections Due to Mixed Anaerobic Organisms

- Mycobacterial Diseases
- Antimycobacterial Agents
- Tuberculosis
- Leprosy (Hansen's Disease)
- Nontuberculous Mycobacteria
- Spirochetal Diseases
- Syphilis
- Endemic Treponematoses
- Leptospirosis
- Relapsing Fever
- Lyme Borreliosis

Diseases Caused by Rickettsia, Mycoplasma, and Chlamydia

- Rickettsial Diseases

Infections Due to Mycoplasmas

- Chlamydial Infections

Viral Diseases: General Considerations

- Medical Virology
- Antiviral Chemotherapy, Excluding Antiretroviral Drugs
- Infections Due to DNA Viruses
- Herpes Simplex Viruses
- Varicella-Zoster Virus Infections
- Epstein-Barr Virus Infections, Including Infectious Mononucleosis
- Cytomegalovirus and Human Herpesvirus Types 6, 7, and 8
- Molluscum Contagiosum and Other Poxviruses, Excluding Smallpox Virus
- Parvovirus
- Human Papillomavirus Infections

Infections Due to DNA and RNA Respiratory Viruses

Common Viral Respiratory Infections and Severe Acute Respiratory Syndrome (SARS)

- Influenza

Infections Due to Human Immunodeficiency Virus and Other Human Retroviruses

- The Human Retroviruses
- Human Immunodeficiency Virus Disease: AIDS and Related Disorders

Infections Due to RNA Viruses

- Viral Gastroenteritis
- Enteroviruses and Reoviruses
- Measles (Rubeola)
- Rubella (German Measles)
- Mumps
- Rabies Virus and Other Rhabdoviruses

Infections Caused by Arthropod- and Rodent-Borne Viruses

- Ebola and Marburg Viruses

Fungal and Algal Infections

- Diagnosis and Treatment of Fungal Infections
- Histoplasmosis
- Coccidioidomycosis
- Blastomycosis
- Cryptococcosis
- Candidiasis and Pneumocystis Infection
- Aspergillosis, Mucormycosis , Miscellaneous Mycoses and Algal Infections

Protozoal and Helminthic Infections: General Considerations

- Laboratory Diagnosis of Parasitic Infections
- Agents Used to Treat Infections Due to Parasites and Pneumocystis
- Protozoal Infections
- Amebiasis and Infection with Free-Living Amebas

Malaria and Babesiosis: Diseases Caused by Red Blood Cell Parasites
Leishmaniasis
Trypanosomiasis
Toxoplasma Infection
Protozoal Intestinal Infections and Trichomoniasis
Helminthic Infections
Trichinella and Other Tissue Nematodes
Intestinal Nematodes
Filarial and Related Infections
Schistosomiasis and Other Trematode Infections ,Cestodes

PART—5

DISORDERS OF THE CARDIOVASCULAR SYSTEM

Diagnosis of Cardiovascular Disorders
Approach to the Patient with Cardiovascular Disease
Physical Examination of the Cardiovascular System
Electrocardiography
Noninvasive Cardiac Imaging: Echocardiography, Nuclear Cardiology,
and MRI / CT Imaging
Diagnostic Cardiac Catheterization and Angiography

Disorders of Rhythm

The Bradyarrhythmias: Disorders of Sinus Node Function and AV Conduction
The Tachyarrhythmias

Disorders of the Heart

Normal and Abnormal Myocardial Function
Heart Failure and Cor Pulmonale
Cardiac Transplantation and Prolonged Assisted Circulation
Congenital Heart Disease in the Adult
Valvular Heart Disease
Pulmonary Hypertension
Cardiomyopathy and Myocarditis
Pericardial Disease
Cardiac Tumors, Cardiac Manifestations of Systemic Diseases,
and Traumatic Cardiac Injury
Vascular Disease
The Pathogenesis of Atherosclerosis
Prevention and Treatment of Atherosclerosis
Ischemic Heart Disease
Unstable Angina and Non-ST-Elevation Myocardial Infarction
ST-Segment Elevation Myocardial Infarction
Percutaneous Coronary Revascularization
Hypertensive Vascular Disease
Diseases of the Aorta
Vascular Diseases of the Extremities

DISORDERS OF THE RESPIRATORY SYSTEM

- Diagnosis of Respiratory Disorders
- Approach to the Patient with Disease of the Respiratory System
- Disturbances of Respiratory Function
- Diagnostic Procedures in Respiratory Disease

Diseases of the Respiratory System

- Asthma
- Hypersensitivity Pneumonitis and Pulmonary Infiltrates with Eosinophilia
- Environmental Lung Diseases
- Pneumonia
- Bronchiectasis
- Cystic Fibrosis
- Chronic Obstructive Pulmonary Disease
- Interstitial Lung Diseases
- Pulmonary Thromboembolism
- Disorders of the Pleura, Mediastinum, Diaphragm, and Chest Wall
- Disorders of Ventilation
- Sleep Apnea
- Lung Transplantation

DISORDERS OF THE KIDNEY AND URINARY TRACT

- Adaptation to Renal Injury
- Acute Renal Failure
- Chronic Renal Failure
- Dialysis in the Treatment of Renal Failure
- Transplantation in the Treatment of Renal Failure
- Glomerular Diseases
- Tubular Disorders
- Tubulointerstitial Diseases of the Kidney
- Vascular Injury to the Kidney , Urinary Tract Obstruction
- Nephrolithiasis ,Urinary Tract Infections and Pyelonephritis

DISORDERS OF THE GASTROINTESTINAL SYSTEM

- Disorders of the Alimentary Tract
- Approach to the Patient with Gastrointestinal Disease
- Gastrointestinal Endoscopy
- Diseases of the Esophagus
- Peptic Ulcer Disease and Related Disorders
- Disorders of Absorption
- Inflammatory Bowel Disease
- Irritable Bowel Syndrome
- Familial Mediterranean Fever and Other Hereditary Recurrent Fevers
- Common Diseases of the Colon and Anorectum and Mesenteric Vascular Insufficiency

Acute Intestinal Obstruction
Acute Appendicitis and Peritonitis
Liver and Biliary Tract Disease
Approach to the Patient with Liver Disease
Evaluation of Liver Function
The Hyperbilirubinemias
Acute Viral Hepatitis
Toxic and Drug-Induced Hepatitis
Chronic Hepatitis
Alcoholic Liver Disease
Cirrhosis and Its Complications
Infiltrative, Genetic, and Metabolic Diseases Affecting the Liver
Liver Transplantation
Diseases of the Gallbladder and Bile Ducts
Disorders of the Pancreas
Approach to the Patient with Pancreatic Disease
Acute and Chronic Pancreatitis

NEUROLOGIC DISORDERS

Diagnosis of Neurologic Disorders
Neurobiology of Disease
Approach to the Patient with Neurologic Disease
Neuroimaging in Neurologic Disorders
Diseases of the Central Nervous System
Seizures and Epilepsy
Cerebrovascular Diseases .
Alzheimer's Disease and Other Dementias
Parkinson's Disease and Other Movement Disorders
Ataxic Disorders
Amyotrophic Lateral Sclerosis and Other Motor Neuron Diseases
Disorders of the Autonomic Nervous System
Trigeminal Neuralgia, Bell's Palsy, and Other Cranial Nerve Disorders
Diseases of the Spinal Cord
Concussion and Other Head Injuries
Primary and Metastatic Tumors of the Nervous System
Multiple Sclerosis and Other Demyelinating Diseases
Meningitis, Encephalitis, Brain Abscess, and Empyema
Chronic and Recurrent Meningitis
Prion Diseases
Nerve and Muscle Disorders
Approach to the Patient with Peripheral Neuropathy
Charcot-Marie-Tooth Disease and Other Inherited Neuropathies
Guillain-Barre Syndrome and Other Immune-Mediated Neuropathies
Myasthenia Gravis and Other Diseases of the Neuromuscular Junction
Approach to the Patient with Muscle Disease
Muscular Dystrophies and Other Muscle Diseases

Polymyositis, Dermatomyositis, and Inclusion Body Myositis
Chronic Fatigue Syndrome
Psychiatric Disorders
Mental Disorders
Alcoholism and Drug Dependency
Alcohol and Alcoholism .
Opioid Drug Abuse and Dependence
Cocaine and Other Commonly Abused Drugs
Nicotine Addiction

PART—6

ENDOCRINOLOGY AND METABOLISM

Endocrinology
Principles of Endocrinology
Disorders of the Anterior Pituitary and Hypothalamus
Disorders of the Neurohypophysis
Diseases of the Thyroid Gland
Disorders of the Adrenal Cortex
Pheochromocytoma
Diabetes Mellitus
Hypoglycemia
Disorders of the Testes and Male Reproductive System
Disorders of the Ovary and Female Reproductive Tract
The Menopause Transition and Postmenopausal Hormone Therapy
Disorders of Sexual Differentiation
Endocrine Tumors of the Gastrointestinal Tract and Pancreas
Disorders Affecting Multiple Endocrine Systems
Disorders of Bone and Mineral Metabolism
Bone and Mineral Metabolism in Health and Disease
Diseases of the Parathyroid Gland and Other Hyper- and Hypocalcemic Disorders
Osteoporosis
Paget Disease and Other Dysplasias of Bone
Disorders of Intermediary Metabolism
Disorders of Lipoprotein Metabolism
Hemochromatosis
The Porphyrias
Disorders of Purine and Pyrimidine Metabolism
Wilson Disease
Lysosomal Storage Diseases
Glycogen Storage Diseases and Other Inherited Disorders of Carbohydrate Metabolism
Inherited Disorders of Connective Tissue
Inherited Disorders of Amino Acid Metabolism Presenting in Adults
Inherited Defects of Membrane Transport

PART—7

DISORDERS OF THE IMMUNE SYSTEM, CONNECTIVE TISSUE, AND JOINTS

The Immune System in Health and Disease
Introduction to the Immune System
The Major Histocompatibility Gene Complex
Primary Immune Deficiency Diseases
Disorders of Immune-Mediated Injury
Allergies, Anaphylaxis, and Systemic Mastocytosis
Autoimmunity and Autoimmune Diseases
Systemic Lupus Erythematosus
Rheumatoid Arthritis
Rheumatic Fever .
Systemic Sclerosis (Scleroderma) and Related Disorders
Sjogren's Syndrome
The Spondyloarthritides
The Vasculitis Syndromes
Behcet's Syndrome
Relapsing Polychondritis
Sarcoidosis
Amyloidosis
Disorders of the Joints and Adjacent Tissues
Approach to Articular and Musculoskeletal Disorders
Osteoarthritis
Gout and Other Crystal Arthropathies
Infectious Arthritis
Fibromyalgia, Arthritis Associated with Systemic Diseases, and Other Arthritides
Periarticular Disorders of the Extremities

PART--8

CRITICAL CARE MEDICINE

Respiratory Critical Care
Principles of Critical Care Medicine
Respiratory Failure
Acute Respiratory Distress Syndrome
Mechanical Ventilatory Support
Shock and Cardiac Arrest
Approach to the Patient with Shock
Severe Sepsis and Septic Shock
Cardiogenic Shock and Pulmonary Edema
Cardiovascular Collapse, Cardiac Arrest, and Sudden Cardiac Death
Neurologic Critical Care
Acute Confusional States and Coma , Critical Care Neurology

PART—9

TOXICOLOGY-- POISONING, DRUG OVERDOSE, AND ENVENOMATION

Heavy Metal Poisoning

Poisoning and Drug Overdosage

Disorders Caused by Reptile Bites and Marine Animal Exposures

Ectoparasite Infestations and Arthropod Bites and Stings

BIOTERRORISM AND CLINICAL MEDICINE

Microbial Bioterrorism

Chemical Bioterrorism

Radiation Bioterrorism

PART—10

MISCELLANEOUS

1. NUCLEAR MEDICINE INCLUDING IMAGING TECHNIQUES
2. GERIATRIC MEDICINE
3. COMMUNITY MEDICINE
4. SPACE MEDICINE INCLUDING HIGH ALTITUDE
5. INDUSTRIAL MEDICINE
6. CLINICAL PHARMACOLOGY INCLUDING DRUG INTERACTIONS
7. PSYCHIATRY
8. ENVIRONMENTAL AND OCCUPATIONAL HAZARDS
9. SPORTS MEDICINE
10. ANAESTHESIA IN MEDICINE
11. MEDICAL DISORDERS DURING PREGNANCY
12. SEXUAL MEDICINE
13. COMPLEMENTARY AND ALTERNATIVE MEDICINE
14. COMPUTERS IN MEDICINE
15. PALLIATIVE AND END OF LIFE CARE
16. PAEDIATRIC MEDICINE
17. HISTORY OF MEDICINE

SECTION—2 APPLIED BASIC SCIENCES

1. ANATOMY INCLUDING HISTOLOGY

1. Embryology- a) Development of heart and great vessels, foetal circulation
b) Development of brain and spinal cord
2. Anatomy of brain and spinal cord with their blood supply and venous drainage
3. a) Central nervous system
b) Autonomic nervous system
4. Nervous control of bladder and rectum
5. Anatomy including histopathology of all endocrine glands
6. Anatomy of liver, pancreas and portal circulation
7. Anatomy including histopathology of kidneys
8. Anatomy including histopathology of spleen
9. Anatomy of broncho-pulmonary segments, pleura and mediastinum.
10. Surface Anatomy of head and neck , thorax and abdomen

2. PHYSIOLOGY INCLUDING BIOCHEMISTRY

1. Liver : Laboratory tests of liver function
2. Kidney : Laboratory tests of kidney function
3. Exocrine and endocrine function of pancreas.
4. Hormones : a) pituitary, adrenal, thyroid, parathyroid
b) Chemistry of steroids, various tests to study function of endocrine glands
5. Pulmonary function tests
6. The mechanism of deglutition.
7. Digestion : Gastric and intestinal secretion and their hormones- mechanism of absorption of fat , proteins and carbohydrates.
8. Heart : a) Basic principles of conduction system and electrocardiogram, Circulation, measurement of cardiac output ,factors controlling arterial blood pressure
b) Mechanism of cardiac failure and symptoms of shock
9. Blood, plasma proteins- coagulation of blood, haematopoiesis ,blood groupings
10. Iron metabolism
11. Physiology of micturition and defecation
12. Fluid and electrolyte balance
13. Calcium and phosphorus metabolism
14. carbohydrate metabolism
15. Fat metabolism and disorders
16. Protein metabolism and electrophoresis
17. Inborn errors of metabolism
18. porphyrins and porphyrias
19. Jaundice- types and diagnosis
20. Metabolism of haemoglobin and circulation of bile pigments
- 21 Immunoglobulins and the mechanism of immunity
22. Physiology of consciousness
23. Physiology of sleep and disorders of sleep
- 24 Temperature regulation
25. Physiology of hunger and its disorders

3. PATHOLOGY INCLUDING MICROBIOLOGY

1. Central nervous system : brain and spinal cord meningitis and encephalitis- abscess,tumours,syphilis of nervous system, nutritional and metabolic disorders, epilepsy and vascular disorders
2. Heart: Rheumatic fever and carditis, coronary artery disease, hypertension, atherosclerosis, cardiomyopathy, pericarditis, specific and non specific arteritis, congenital heart diseases
3. kidneys: Nephritis, nephrosis,renal changes in metabolic and collagen diseases, acute and chronic renal failure

4. Lungs: Pulmonary tuberculosis ,atypical mycobacteria, tumors of lung, chr. suppurative lung diseases, COPD
5. Liver : Portal hypertension ,cirrhosis of liver , tumors of liver, acute and chronic hepatitis
6. Bone : Disorders of mineral and bone matrix
7. Endocrine glands : Myxoedema and thyrotoxicosis, hyper and hypoparathyroidism pituitary ,adrenal cortex and medulla
8. Diabetes Mellitus and its complication – Pathological changes in viscera
9. Gastro intestinal disorders : Peptic ulcer , malabsorption syndrome, ulcerative colitis, amoebiasis (intestinal and extra -intestinal)
10. Lymphomas, leukemias blood dyscrasiasis, and bleeding disorders

4. PHARMACOLOGY

1. Chemotherapy- antibiotics and antimicrobials
2. Antimalarial drugs
3. Anti amoebic drugs
4. Antihelminthic drugs
5. Analgesics
6. Sedatives
7. Tranquillizers
8. Antiviral agents
9. Drugs acting on autonomic nervous system
10. Hormones
11. Insulin and oral hypoglycemic agents
12. Antihypertensive agents
13. Drugs for epilepsy
14. Diuretics
15. Bronchodilators
16. Cardiac glycosides
17. Antiarrhythmic drugs
18. Coagulants and anticoagulants
19. Histamine and antihistamine
20. Alcohol
21. Vaccines and immune sera
22. Drug abuse and drug addiction
23. Drugs for rheumatoid arthritis
24. Cancer chemotherapy

REFERENCES

TEXTBOOKS

1. HARRISON'S PRINCIPLE OF INTERNAL MEDICINE VOLUME 1 & 2
2. CECIL'S TEXTBOOK OF MEDICINE , VOLUME 1 & 2
3. OXFORD TEXTBOOK OF MEDICINE, VOL 1, 2 & 3

4. DAVIDSON'S PRINCIPLE AND PRACTICE OF MEDICINE
5. A.P.I TEXTBOOK OF MEDICINE
6. TEXTBOOK BY K.V. KRISHNADAS
7. BRAIN'S DISEASES OF NERVOUS SYSTEM- WALTON
8. CROFTON AND DOUGLAS'S RESPIRATORY MEDICINE
9. HEART DISEASES- EUGENE BRAUNWALD
10. THE HEART- HURST
11. DISEASES OF THE KIDNEY – 1). H. E DEWARDENER 2). BRENNER AND RECTOR
12. CLINICAL HAEMATOLOGY - 1). DE GRUCHY 2). MAXWELL .M. WINTROBE
13. DISEASES OF LIVER AND BILIARY SYSTEM- SHEILA SHERLOCK
14. PRINCIPLES OF NEUROLOGY -1) RAYMOND ADAMS 2) MAURICE VICTOR

TEXTBOOKS OF CLINICAL EXAMINATION

1. HUTCHISON'S CLINICAL METHODS- 1). MICHAEL SWASH ,STUART MASONs
2. CLINICAL EXAMINATION – JOHN MACLEOD
3. PHYSICAL DIAGNOSIS – VAKIL & GOLWALIA
4. SIGNS & SYMPTOMS IN MEDICINE- CHAMBERLAIN
5. NEUROLOGICAL DIFFERENTIAL DIAGNOSIS BY JOHN PATTEN
6. CLINICAL SKILLS - IAN BOUCHER AND JOHN MORRIS
7. CLINICAL NEUROLOGY - DE JONG
8. NEUROLOGICAL EXAMINATION - BICKERSTAFF
9. NEUROLOGICAL EXAMINATION –MAYO CLINC
10. BING'S LOCAL DIAGNOSIS IN NEUROLOGICAL DISEASES
11. LOCALISATION IN CLINICAL NEUROLOGY- PAUL .W . BRAZIZ JOSEPH MASDEV
13. WASHINGTON'S MANUAL OF MEDICAL THERAPEUTICS
14. CURRENT MEDICAL DIAGNOSIS AND TREATMENT

JOURNALS

1. APPLIED MEDICINE
2. THE LANCET
3. BRITISH MEDICAL JOURNAL
4. BRITISH JOURNAL OF CLINICAL PRACTICE
5. MAYO CLINICAL PROCEEDINGS
6. THE POSTGRADUATE MEDICINE
7. THE ANNALS OF INTERNAL MEDICINE
8. THE MEDICAL CLINICS OF NORTH AMERICA
9. THE TROPICAL MEDICINE
10. THE MEDICINE
11. JOURNAL OF ASSOCIATION OF PHYSICIANS OF INDIA
12. INDIAN JOURNAL OF CLINICAL PRACTICE
13. NEW ENGLAND JOURNAL OF MEDICINE