

# MEDICINE I

LAQ :

## CRITICAL ILLNESS

- Shock : Definition, Types with Cardiogenic Shock : Causes, C/f, Investigations and Management

## POISONING

- Snake Bite : C/f, Investigations, Complications and Management

## INFECTIOUS DISEASES

- Diphtheria : Aetiopathogenesis, C/f, Investigations, Complications and Management
- Rubella : Causes of Fever and Maculopapular Rash, C/f, Complications and Prevention
- Measles : C/f, Complications and Management
- Malarial Parasite Lifecycle and Cerebral Malaria : C/f, Investigations and Complications
- Complicated Malaria : Aetiopathogenesis, C/f, Complications and Management (3 repeat)
- Typhoid : C/f, Investigations, Complications and Treatment
- Dengue Fever : C/f, Complication and Management

## KIDNEY & URINARY TRACT

- Acute Renal Failure : Causes, Types, C/f, Complications and Management

## CARDIOVASCULAR DISEASES

- Acute Myocardial Infarction : C/f, Investigations, Complications and Management (6 repeat)
- Acute Rheumatic Fever : Aetiopathogenesis, C/f, Investigations and Management (3 repeat)
- CCF : Definitions, Types, C/f and Management
- Heart Failure : Aetiopathogenesis, C/f, Investigations and Management
- LVF : Aetiology, C /f, Investigations and Management (3 repeat)
- Ventricular Tachycardia : Aetiology, Diagnosis and Management
- Cardiac Arrhythmia : Definition, Supraventricular Tachycardia Causes, C/f and Management of AF in Mitral Valve Disease
- Pericardial Effusion : Aetiology, Pathophysiology, C/f, Investigations and Management (2 repeat)
- Subacute Bacterial Endocarditis : Pathogenesis, C/f and Management
- Systemic HTN : C/f, Investigations and Management

## ENDOCRINE DISEASES

- Primary Hypothyroidism : Causes, C/f, Investigations and Management of Myxoedema (5 repeat)
- Addison's Diseases : Definition, Aetiology, C/f, Investigations and Management (2 repeat)

## DIABETES MELLITUS

- DM : Classification, C/f and Complications
- DK : Pathophysiology, C/f, Diagnosis and Management (2 repeat)
- NIDDM : Management (2 repeat)

### GIT

- Acute Gastroenteritis : Definition, Causes, Pathogenesis, Investigations and Management
- Duodenal Ulcer : Aetiopathogenesis, C/f, Investigations and Management
- Peptic Ulcer : Aetiopathogenesis, Investigations and Management
- Upper GI Bleeding : Causes, C/f, Evaluation and Treatment
- Abdominal Tuberculosis : C/f, Investigations and Management

### PANCREAS

- Acute Pancreatitis : Aetiopathogenesis, C/f and Management

### LIVER & BILIARY TRACT DISEASES

- Cirrhosis of Liver : Definition, Classification and Hepatic Encephalopathy
- Cirrhosis of Liver : Aetiopathogenesis, C/f, Complications and Management
- Alcoholic Liver Disease : Causes, C/f, Investigations and Management
- Portal Hypertension : Aetiopathogenesis and Management
- Portal Hypertension : Intrahepatic Causes, C/f, Complications and Management of Variceal Bleeding
- Jaundice : Diagnostic Approach
- Hepato-cellular Failure Causes and Investigations, Management of Hepatic Coma
- Ascites : Types, Aetiology, C/f, Management and T/t of Tb Ascites
- Ascites : Evaluation and Management
- Viral Hepatitis : Cause, C/f of Acute Viral Hepatitis and Management of Chronic HBV
- Hepatic Coma : Aetiopathogenesis, C/f, Investigations and Management

### BLOOD DISEASES

- Sickle Cell Anaemia : Pathophysiology, C/f, Investigations and Management (2 repeat)
- Megaloblastic Anaemia : Causes, C/f, Investigations and Management (2 repeat)
- CML : C/f and Management with Types of Leukemia
- Hodgkin Disease : Classification, C/f and Treatment
- ITP : C/f, Diagnosis and Management with Causes of Thrombocytopenia

SAQ :

### GENETICS

Human Genome Project

Genetic Counseling

Genetic Screening

Klinefelters Syndrome : C/f

### AGEING & DISEASES

Drug Therapy in Elderly

### CRITICAL ILLNESS

Severe Acute Respiratory Syndrome  
Anaphylactic Shock (2 repeat)  
Subarachnoid Haemorrhage : Management  
CPR

### POISONING

Corrosive Poisoning  
OP Poisoning : C/f and Treatment (8 repeat)  
Snake Poisoning : C/f and Management (3 repeat)  
Neurotoxic Snake Bite : Management (3 repeat)  
Barbiturate Poisoning : Management (2 repeat)  
Methanol Poisoning (2 repeat)

### INFECTIOUS DISEASES

Typhoid : C/f  
Typhoid : Complications (5 repeat)  
Typhoid : Treatment  
Widal Test Interpretation  
Hookworm : Medical Disorders (2 repeat)  
Malaria : Chemoprophylaxis  
Cerebral Malaria : C/f, Complications and Management (4 repeat)  
Rabies : C/f and Treatment  
Rabies : Post Exposure Prophylaxis (2 repeat)  
Mumps : C/f, D/d and Prevention (2 repeat)  
Leprosy : Reactions and Treatment  
Leprosy : Management  
Lepra Reaction (2 repeat)  
Filariasis : Manifestations  
Leptospirosis – Weil's Disease (2 repeat)  
Tropical Eosinophilia (2 repeat)  
Dengue Fever : C/f  
Dengue Shock Syndrome (3 repeat)  
Cholera : Fluid Replacement  
Travelers Diarrhoea  
Tetanus  
Tetanus : Grading  
Diphtheria : Complications  
Kala Azar : C/f and Investigations  
Cryptococcal Meningitis : C/f and Treatment

### HIV INFECTIONS & AIDS

HIV : Laboratory Diagnosis

HIV : Baseline Investigations (2 repeat)  
Post Exposure Prophylaxis in HIV  
Kaposi's Sarcoma  
AIDS Defining Illness  
Generalized Lymphadenopathy : D/d  
Opportunistic Infections in HIV Patient (2 repeat)

#### ELECTROLYTE & ACID-BASE IMBALANCE

Hypocalcaemia (3 repeat)  
Hypocalcaemia  
Hyperkalemia : Management  
Metabolic Acidosis

#### CARDIOVASCULAR DISEASES

Atrial Fibrillation (7 repeat)  
Atrial Fibrillation : Drug Treatment (2 repeat)  
Paroxysmal Nocturnal Dyspnoea  
Infective Endocarditis : C/f  
Cardiac Tamponade  
AR : C/f  
Acute Rheumatic Fever : C/f and Treatment  
Rheumatic Fever : Diagnostic Criteria  
Pulmonary Embolism : Diagnosis  
Sub acute Bacterial Endocarditis  
Infective Endocarditis  
Acute Myocardial Infarction : Complications

#### ENDOCRINE DISEASES

Thyroid Hormone Synthesis and Regulation (2 repeat)  
Thyrotoxic Crisis  
Thyrotoxicosis : C/f (2 repeat)  
Thyroid Storm (3 repeat)  
Acromegaly : C/f and Investigations (4 repeat)  
Graves Diseases  
Tetany (3 repeat)  
Cushing Syndrome : C/f (2 repeat)  
Addison's Disease (2 repeat)  
Gynaecomastia  
Diabetes Insipidus

#### DIABETES MELLITUS

Diabetes : Treatment and Work up in Newly Detected Patient  
Diabetic Nephropathy (2 repeat)

Vascular Complications of DM  
Water Deprivation Test  
Insulin Analogues (3 repeat)  
Insulin Therapy  
DK  
DK : Management (4 repeat)  
Metabolic Syndrome : Non Pharmacological Treatment

### GIT

GERD  
Reflux Oesophagitis (2 repeat)  
Ulcerative Colitis  
Ulcerative Colitis : Extra Intestinal Manifestations  
Ulcerative Colitis : Treatment (2 repeat)  
Ulcerative Colitis : Complications  
Ulcerative Colitis and Toxic Megacolon : Management  
Tropical Sprue  
Upper GI Bleeding : Causes and Management (2 repeat)  
Oesophageal Variceal Bleeding  
Acute Variceal Bleeding : Manifestations (2 repeat)  
Chronic Diarrhoea  
H. pylori Infection  
Abdominal Tuberculosis : C/f  
Tuberculous Peritonitis  
Peptic Ulcer : C/f and Management (4 repeat)  
Peptic Ulcer : Drug Treatment  
Irritable Bowel Syndrome : Management

### PANCREASE

Acute Pancreatitis : Causes and Complications (2 repeat)  
Acute Pancreatitis : Risk Factors, C/f and Management  
Acute Pancreatitis : Symptoms. D/d and Management  
Acute Pancreatitis : Management (2 repeat)  
Chronic Pancreatitis : Causes and Complications

### LIVER & BILIARY TRACT DISEASES

Hepatic Coma : Management (2 repeat)  
Hepatosplenomegaly : Causes  
Tropical Splenomegaly  
Hepatic Amoebic Abscess : Management  
Hepatitis B : Prevention (3 repeat)  
Hepatitis B : Complications  
Cholestatic Jaundice : Causes and C/f

Alcoholic Liver Disease : Pathogenesis, Pathology and C/f  
Obstructive Jaundice : Investigations  
LFT and Various Liver Enzymes  
Portal Hypertension  
Exudative Ascites  
Refractory Ascites  
Amoebic Abscess : Management  
Hepatic Encephalopathy : Management (2 repeat)

#### BLOOD DISEASES

Haemoglobinopathies : Types and Examples  
Microcytic Hypochromic Anaemia : D/d  
Iron Deficiency Anaemia (3 repeat)  
Vit B12 Deficiency : Causes and Complications  
Folate Deficiency Anaemia : Causes and Diagnosis (2 repeat)  
Pernicious Anaemia (2 repeat)  
Megaloblastic Anaemia : C/f and Investigations (2 repeat)  
Megaloblastic Anaemia : Management  
Haemolytic Anaemia : Investigations  
Sickle Cell Anaemia : Treatment of Painful Crisis  
Sickle Cell Crisis  
 $\beta$  Thalassemia : Diagnosis and Treatment  
Aplastic Anaemia  
ALL : Management  
CML  
CML : Peripheral Blood Smear and Treatment (5 repeat)  
CML : Management  
Philadelphia Chromosome  
Hodgkins Disease : Staging  
Hodgkins Disease : Stages, Radiotherapy and Chemotherapy (4 repeat)  
Difference between Hodgkin and Non Hodgkin Lymphoma  
Haemophilia (2 repeat)  
ITP (2 repeat)  
Multiple Myeloma : C/f (2 repeat)  
DIC : Causes and Management  
Bone Marrow Examination  
Blood Transfusion Reactions (4 repeat)

#### MISCELLANEOUS

Hyperthermia  
Heat Stroke (4 repeat)  
Heat Exhaustion  
Electric Shock and Lightning Injury

## DRUGS

ARBs (Angiotensin Receptor Blockers) (2 repeat)

Cholesterol Reducing Agents : Classification and Uses (2 repeat)

Chloroquine

Digoxin : Toxicity

Protease Inhibitors in HIV

Thrombolytic Drugs

New Anti TB Drugs

Sulphonylureas

Metformin