

## Rheumatology

Rheumatology 1	
SL	Topic
1.	Lecture Notes Discussion of Rheumatology
2.	Paget's Diseases of Bone
3.	Autoantibodies
4.	Pathognomonic Joints Involvement
5.	Earliest Radiological Changes
6.	Pathognomonic Radiological Changes
7.	RA: Epidemiology + Definition + Diagnosis + Poor Prognostic Features
8.	RA (Rheumatoid Arthritis) Epidemiology
9.	RA (Rheumatoid Arthritis): Management
10.	Tumour Necrosis Factor
11.	Methotrexate + Sulfasalazine + Leflunomide + Hydroxychloroquine
12.	RA: Complications + Respiratory Manifestations + Ocular Manifestations
13.	RA (Rheumatoid Arthritis): Pregnancy
14.	SJS (Sjogren's Syndrome)
15.	Amyloidosis
16.	DIL (Drug-Induced Lupus)
17.	SLE - Investigations
18.	Raynaud's Phenomenon
19.	SSc (Systemic Sclerosis)
20.	Complications and Management of SSc
21.	MCTD (Mixed Connective Tissue Disease)
22.	Question Approach [Sample]
23.	Rheumatology Question Discussion
24.	Rheumatology Bullets

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25.	Rheumatology Bullets PDF
26.	Rheumatology Bullets (P1-PT)

<b>Rheumatology 2</b>	
<b>SL</b>	<b>Topic</b>
1.	Acute Monoarthritis
2.	Septic Arthritis
3.	Crystal Arthropathies
4.	Gout: Features
5.	Gout- Predisposing Factors
6.	Gout- Predisposing Factors-LNH Syndrome
7.	Gout – Drug Causes
8.	Gout: Management
9.	Pseudogout- Risk Factors
10.	Seronegative Spondyloarthropathies-Common Features
11.	ReA (Reactive Arthritis) - 1
12.	ReA (Reactive Arthritis) - 2
13.	AS (Ankylosing Spondylitis) - Features
14.	AS (Ankylosing Spondylitis): Investigation & Management
15.	PsA (Psoriatic Arthropathy)
16.	BS (Behcet's Syndrome)
17.	PMR (PolyMyalgia Rheumatica)
18.	DM (DermatoMyositis) – PM (PolyMyositis) –PM vs PMR
19.	DM (DermatoMyositis) – Cutaneous Manifestations
20.	ASAS (AntiSynthetase Antibody Syndrome)
21.	Osteoporosis – Causes
22.	Osteoporosis DX
23.	Osteoporosis Management
24.	Osteoporosis Causes and Risk Factor
25.	Osteoporosis Investigation for the secondary courses
26.	WG (Wegener's Granulomatosis) / GPA (Granulomatosis with PolyAngitis)

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27.	RPGN-APPROACH-DIFFEREN.-GPS-GPA-MPA-EGPA-QUES DISCUSSION
28.	PAN (Poly Arteritis Nodosa )
29.	CFS (Chronic Fatigue Syndrome)
30.	Langerhans Cell Histiocytosis

## Cardiology

Cardiology 1	
SL	Topic
1.	Lecture Notes Discussion of Cardiology
2.	ECG - Cardiac Action Potential
3.	ECG - Introduction 1
4.	ECG - Introduction 2
5.	ECG - Axis deviation
6.	PR interval (prolonged or 1st degree AV Block and short PR Interval)
7.	ECG - AV Blocks 2nd and 3rd degree of Prolonged PR interval
8.	ECG - Left bundle branch block
9.	ECG - ST elevation
10.	ECG - ST depression
11.	Peripheral Signs
12.	Pulses
13.	BP
14.	Apex Beats
15.	Auscultations (Heart Sounds - Murmurs)
16.	Murmurs
17.	Jugular Venous Pulse - Waves
18.	JVP - Cannon Waves (CT vs CP)
19.	Question Approach [Sample]
20.	Cardiology Question Discussion
21.	Cardiology Bullets
22.	Cardiology Bullets PDF

<b>Cardiology 2</b>	
<b>SL</b>	<b>Topic</b>
1.	Infective Endocarditis - Modified Duke Criteria
2.	Infective Endocarditis - Risk Factors and Treatment
3.	Aortic Stenosis
4.	Angiodysplasia
5.	Aortic Regurgitation - Signs
6.	Aortic Regurgitation - Causes
7.	Marfan's Syndrome and Difference Between MFS & HCU
8.	Mitral Stenosis - Signs and Causes
9.	Mitral Stenosis - Complications and Indications
10.	Mitral Stenosis - Severity
11.	Mitral Valve Prolapse
12.	Mitral Regurgitation - Causes
13.	Congenital Heart Disease - Types
14.	Atrial Septal Defects
15.	Eisenmenger's Syndrome
16.	Patent Ductus Arteriosus
17.	Down Syndrome - Features
18.	Patent Foramen Ovale
19.	Ventricular Septal Defects
20.	Tetralogy of Fallot
21.	Ebstein's Anomaly

Cardiology 3	
SL	Topic
1.	Adult Advanced Life Support
2.	Peri-arrest Rhythms - Tachycardia
3.	Supraventricular Tachycardia
4.	Features Suggesting VT rather than SVT with Aberrant Conduction
5.	Catecholaminergic Polymorphic Ventricular Tachycardia
6.	MAT (Multifocal atrial tachycardia)
7.	Ventricular tachycardia - management
8.	Peri-arrest rhythms - bradycardia
9.	Pacemaker – Temporary
10.	AF (Atrial Fibrillation) Causes + Types + Detection + Rate vs. rhythm control + Cardioversion + Management (Updated)
11.	Wolf-Parkinson White
12.	Long QT Syndrome
13.	Automated Implantable cardiac defibrillators

<b>Cardiology 4</b>	
<b>SL</b>	<b>Topic</b>
1.	Angina Pectoris - Drug Management
2.	Chest Pain - Assessment of Patients with Suspected Cardiac Chest Pain
3.	Thrombolysis
4.	Myocardial Infarction - Secondary Prevention
5.	Myocardial Infarction - Secondary Prevention (Updated)
6.	Clopidogrel
7.	Acute Coronary Syndrome - Management of NSTEMI
8.	Acute Coronary Syndrome: Initial Management (Updated)
9.	Cholesterol Embolisation
10.	Myocardial Infarction - Complications
11.	STEMI (ST-Elevation Myocardial Infarction)
12.	Myocardial infarction - STEMI management (Updated)
13.	Percutaneous Coronary Intervention
14.	HOCM - Features
15.	HOCM - Medical Management
16.	Dilated Cardiomyopathy
17.	Restrictive Cardiomyopathy
18.	Arrhythmogenic Right Ventricular Cardiomyopathy
19.	Brugada Syndrome
20.	Heart Failure - Drug Management
21.	Heart Failure - Drug Management (UPDATED)
22.	Atrial Myxoma
23.	Cardiac Tamponade
24.	Hypertension - Secondary Causes
25.	Hypertension - Diagnosis
26.	Hypertension in Pregnancy

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27.	Hypertension - Management
28.	Takayasu's Arteritis
29.	Aortic Dissection
30.	Pulmonary Hypertension
31.	Signs of Pulmonary Hypertension
32.	Pulmonary Arterial Hypertension - Causes and Classification
33.	Hyperlipidaemia – Xanthomata

## Dermatology

Dermatology	
SL	Topic
1.	Lecture Notes Discussion of Dermatology
2.	Dermatology Approach - Slides
3.	Shin Lesions
4.	Pyoderma Gangrenosum
5.	Erythema Nodosum
6.	Erythema Multiforme
7.	Skin disorders associated with pregnancy
8.	Erythema ab igne + Genital warts
9.	Pityriasis versicolor + rosea
10.	Psoriasis
11.	Psoriasis - management
12.	Lichen Planus
13.	Systemic mastocytosis
14.	Pemphigus vulgaris
15.	PV (Pemphigus Vulgaris) + Pemphigoid + PCT (Porphyria Cutanea Tarda) + DH (Dermatitis Herpetiformis)
16.	Question Approach [Sample]
17.	Dermatology Question Discussion
18.	Dermatology Bullets
19.	Dermatology Bullets PDF

## Endocrinology, Diabetes and Metabolic Medicine

Endocrinology, Diabetes and Metabolic Medicine 1	
SL	Topic
1.	Lecture Notes Discussion of Endocrinology
2.	Diabetes: Pathophysiology
3.	Diabetes Mellitus (Type 2): Diagnosis
4.	Diabetes Mellitus (Type 2): Management
5.	DM-Introduction (Advanced)
6.	DM-1 Management - Advanced
7.	DM-2 Nice Algorithm (Advanced)
8.	DM-2 Management (Advanced)
9.	Prediabetes And Impaired Glucose Regulation
10.	MODY
11.	Metformin
12.	Sulfonylureas
13.	Thiazolidinediones
14.	ACARBOSE
15.	Meglitinides
16.	Sodium Glucose Cotransporter 2 Inhibitors + Discussion
17.	Diabetes Mellitus: GLP-1 And The New Drugs
18.	Glycosylated Haemoglobin
19.	Diabetic Ketoacidosis
20.	HHS
21.	Diabetic Ketoacidosis - Management
22.	DKA (Diabetic KetoAcidosis)
23.	Diabetic Neuropathy
24.	Diabetic Foot Disease
25.	DM Pregnancy

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26.	Pregnancy: Diabetes Mellitus
27.	Insulinoma
28.	Diabetes Insipidus + Water Deprivation Test
29.	Metabolic Syndrome
30.	Polycystic Ovarian Syndrome - Features & Investigation
31.	Polycystic Ovarian Syndrome - Management
32.	Hyperlipidaemia - Secondary causes
33.	Question Approach [Sample]
34.	Endocrinology Question Discussion
35.	Endocrinology Bullets
36.	Endocrinology Bullets PDF

Endocrinology, Diabetes and Metabolic Medicine 2	
SL	Topic
1.	Sick Euthyroid syndrome
2.	Thyroid Status: Hypothyroidism & Hyperthyro
3.	Thyroid Status
4.	Thyroid Disorders - Overview (Advanced)
5.	Thyroid Disorders - Features
6.	Hypothyroidism - Causes
7.	Myxedema Crisis
8.	Subacute (De Quervain's) Thyroiditis
9.	Hashimoto's Thyroiditis
10.	Riedl's Thyroiditis
11.	Grave's Disease - Features
12.	Graves' Disease: Management
13.	Carbimazole
14.	Thyroid Storm
15.	Pregnancy Thyroid Problems
16.	Hyper Parathyroidism
17.	Primary Hyperparathyroidism
18.	Hypoparathyroidism
19.	Pseudohypoparathyroidism
20.	Multiple Endocrine Neoplasia
21.	Autoimmune Polyendocrinopathy Syndrome
22.	Primary Hyperaldosteronism
23.	Cushing's Syndrome - causes
24.	Apparent mineralocorticoid excess
25.	Addison's Disease - Investigations
26.	Addison's Disease - Causes and Critical Features

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27.	Addison's Disease
28.	Addisonian Crisis
29.	Acromegaly - Features+Investigations+Management
30.	Pituitary Adenoma
31.	Amenorrhoea
32.	AIS / TFS (Androgen Insesnsitivity Syndrome / Testicular Feminization Syndrome)
33.	Dynamic Pituitary Function Tests and Insulin Stress Test
34.	Carcinoid Syndrome
35.	Premature Ovarian Failure

## Neurology

Neurology 1	
SL	Topic
1.	Lecture Notes Discussion of Neurology
2.	Approach to Neurology- Introduction
3.	Approach to Neurology - 1st Question - What is the Lesion (Type) - UMN+LMNL+Sensory
4.	Approach to Neurology - 1st Question - What is the Lesion (Type) - Cerebellar Lesion
5.	Approach to Neurology - 1st Question - What is the Lesion (Type) - Nystagmus
6.	Approach to Neurology - 2nd Question - Where is the Lesion (Level)
7.	Approach to Neurology - 3rd Question - Why is the Lesion (Aetiology) + Cerebellar Syndrome - Aetiologies
8.	Cerebellar Syndrome - Features + Aetiologies :New Notes
9.	Tuberous Sclerosis
10.	ACM
11.	Cerebellar Syndrome
12.	SP (Spastic Paraparesis) & Approach to SP with Different Diseases' Pathognomonic Features
13.	SPINAL CORD LESIONS
14.	AAJ + EP (Absent Ankle Jerks + Extensor Planters)
15.	CM (Cervical Myelopathy / Myeloradiculopathy)
16.	BR PL INJURIES
17.	DCM
18.	Parkinsonism-Causes + (PD) Parkinson's Disease - Features
19.	PARKINSONISM
20.	MS (Multiple Sclerosis) - Features + Prognostic Features + Investigation + Management (Updated)
21.	Question Approach [Sample]

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22.	Neurology Question Discussion
23.	Neurology Bullets
24.	Neurology Bullets PDF

Neurology 2	
SL	Topic
1.	MERALGIA PARAESTHETICA
2.	MND (Motor Neuron Disease) - features
3.	FA (Friedreich's Ataxia)
4.	SM (SyringoMyelia)
5.	SM- Syringomyelia
6.	Brown-Sequard Syndrome
7.	ACM (Arnold-Chiari Malformation - SCR)
8.	Tremor- Causes + ET (Essential Tremor) / BET (Benign Essential Tremor)
9.	PD (Parkinson's Disease)- Management
10.	PPS (Parkinson's Plus Syndrome) + PSP (Progressive Supranuclear Palsy)
11.	DLB (Dementia with Lewy Body)
12.	Chorea-Causes
13.	HTD - Huntington's Disease
14.	EPILEPSY CLASSIFICATION TEA VS TGA
15.	TGA DIAGNOSTIC CRITERIA TGA VS TEA
16.	Epilepsy in Children JME
17.	Epilepsy in Localising Features of Focal Seizures
18.	Ptosis DD + 3rd NP (Third Nerve Palsy) + HS (Horner's Syndrome) + FNP (Facial Nerve Palsy)
19.	Facial nerve- ANATOMY- SCR
20.	RAMSAY HUNT SYNDROME
21.	FOURTH NERVE PALSY
22.	AN (Acoustic Neuroma) + AICA + Rinne's Test & Weber's Test
23.	PN (Peripheral Neuropathy)
24.	CuTS
25.	FOOT DROP

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26.	CMT - Charcot-Marie-Tooth disease
27.	GBS (Guillain-Barre Syndrome) + MFV (Miller Fisher Variant)
28.	WE (Wernicke's Encephalopathy) + Korsacoff Syndrome
29.	ANRE Anti-NMDA receptor encephalitis - SCR
30.	Headache - Approach

<b>Neurology 3</b>	
<b>SL</b>	<b>Topic</b>
1.	MBA MIGRAINE WITH BRAINSTEM AURA
2.	IIH (Idiopathic Intracranial HTN) / BIH (Benign Intracranial Hypertension)
3.	SAH (SubArachnoid Haemorrhage)
4.	Gross Anatomy
5.	Stroke - Anatomy
6.	Aphasia - SCR
7.	TIA (Transient Ischaemic Attack) & CVD (Cerebro Vascular Disease)
8.	TIA - UPDATED
9.	STROKE - ASSESMENT AND OTHER ISSUES (Updated)
10.	Combination antiplatelet and anticoagulant therapy
11.	LMS (Lateral Medullary Syndrome) / Wallenberg's Syndrome / PICA
12.	BRAIN ABSCESS
13.	MENINGITIS
14.	CADASIL
15.	NF (NeuroFibromatosis)
16.	MD (Myotonic Dystrophy)
17.	FSHD-Facioscapulohumeral muscular dystrophy
18.	MS-FINAL-SCR
19.	NECK LUMP and Castelman Disease
20.	OTITIS EXTERNA-FINAL
21.	OTOSCLEROSIS
22.	CRPS
23.	MG (Myasthenia Gravis) & LEMS (Lambert Eaton Myaesthenic Syndrome)

## Respiratory Medicine

Respiratory Medicine 1	
SL	Topic
1.	Lecture Notes Discussion of Respiratory Medicine
2.	CSS (Churg-Strauss Syndrome)
3.	RPGN-APPROACH-DIFFERENTIATION-GPS-GPA-MPA-EGPA-QUESTION DISCUSSION
4.	Asthma: Diagnosis in Adults
5.	B.A - Diagnosis in Adults - Updated Guidelines
6.	Criteria of ASA & Life Threatening Asthma
7.	Acute Asthma Management Updated Guidelines
8.	Acute Severe Asthma-Management
9.	Asthma: Occupational + COPD -Causes +CBA -Step-wise Management
10.	Asthma Management in Adults
11.	COPD: CF +Ix + Severity+A1ATD+COPD+Stable Mx Stepwise +LTOT+NIV+O2 Therapy
12.	COPD Stable Management
13.	Acute COPD - Management
14.	OSAHS (Obstructive Sleep Apnoea/ Hypnoea-Syndrome)
15.	Pneumonia : CAP+ Scoring + Poor Prognostic Features+ CAP -Rx + PE- Causes + Mx of PaeanPneumonic PE +Indications of Chest Drain
16.	Atypical Pneumonia-Mycoplasma Pneumoniae +Legionella
17.	Psittacosis
18.	PCP (PneumoCystis Pneumonia )
19.	Question Approach [Sample]
20.	Respiratory Medicine Question Discussion
21.	Respiratory Medicine Bullets
22.	Respiratory Medicine Bullets PDF

Respiratory Medicine 2	
SL	Topic
1.	PFT (Pulmonary Function Tests)
2.	PF (Pulmonary Fibrosis)- APICAL +BASAL
3.	Sarcoidosis
4.	CFA/IPE + Clinical Differentiation Between CFA & CF (B)
5.	Bronchiectasis-Causes +Mx +CF-Mx +ABPA (CF+Rx)
6.	ARDS + PE (Pulmonary Embolism)
7.	Pulmonary Embolism-IX
8.	Pulmonary Embolism-MX
9.	Lung Cancer

## Gastroenterology & Hepatology

Gastroenterology & Hepatology 1	
SL	Topic
1.	Lecture Notes Discussion of Gastroenterology
2.	Dysphagia - Approach + Aetiologies + Pathognomonic Features
3.	Achalasia
4.	GORD + Barret's Oesophagus + Oesophageal Cancer
5.	Dyspepsia Guidelines
6.	Zollinger-Ellison Syndrome
7.	Acute Upper Gastrointestinal Bleeding + Ov - Rx + HRS + SBP
8.	IBS (Irritable Bowel Syndrome) - Dx + Mx
9.	Malabsorption - Causes + JVA (Jejunal Villous Atrophy), CD - CF + Associations + Dx + Rx
10.	SB BOS - Risk + Dx + Rx + V-B12 Deficiency + ST (Schilling Test) + Melanosis Coli
11.	Whipple's Disease
12.	IBD (Inflammatory Bowel Disease) - Key Differences
13.	Crohn's Disease - Management
14.	Ulcerative Colitis - Management
15.	ACUTE APPENDICITIS
16.	Colorrectal Cancer - Referral Guidelines
17.	VIPoma + VAC
18.	Question Approach [Sample]
19.	Gastroenterology Question Discussion
20.	Gastroenterology Bullets
21.	Gastroenterology Bullets PDF

## Gastroenterology & Hepatology 2

SL	Topic
1.	Liver Disease - Acute + Chronic
2.	CLD (Chronic Liver Disease) - Aetiologies + Decompensation Features + Child - Pugh Scoring
3.	NAFLD (Non-Alcoholic Fatty Liver Disease) + ALD + CLD + Hepatomegaly
4.	ACUTE LIVER FAILURE
5.	HH (Hereditary Haemochromatosis)
6.	WD (Wilson's Disease) or HLD (Hepato Lenticular Degeneration)
7.	Primary Biliary Cirrhosis - Features
8.	AIH (AutoImmune Hepatitis) + PSC (Primary Sclerosis Cholangitis)
9.	HBV - Risk + Anti-HBS + Prognosis + Pregnancy + Serology + HCV (Transmission + Features)
10.	HCC (HepatoCellular Carcinoma) - (Risk + Mx) + Liver Biopsy
11.	Acute Pancreatitis-Causes + Features + CP (Chronic Pancreatitis) - Ix + Pancreatic CA - (Risk) + [CRC (Cholorectal Cancer) - Genetics + Sporadic + HNPCC + FAP + PJS]

## Infectious Disease

Infectious Disease 1	
SL	Topic
1.	Lecture Notes Discussion of Infectious Diseases
2.	Atypical Pneumonia - Dx Test
3.	[Spirochaetes - Dx Test] + [Syphilis + Leptospirosis + Lyme]
4.	Gm Positive Rods (Bacillus + Clostridium + Listeria) - Dx Test
5.	Gastroenteritis - Approach + Giardiasis + E.Coli + VC + Salmonella + Shigella + CBJ + Tetanus + CDD-AAD-PMC
6.	Clostridium Difficile (Updated)
7.	STI - Ulcers + Chlamydia + Gonorrhoea + PID + EDO + Vaginal Discharge + UTI in Adults
8.	Helminths - [Nematodes(SS)] + [Tape Worms] + [Schistosomiasis]
9.	Protozoal Diseases- [Trypanosomiasis (African + American)] + [Malaria] + [Leishmaniasis] + [Giardiasis] + [Toxoplasmosis]
10.	Question Approach [Sample]
11.	Infectious Diseases and GUM Question Discussion
12.	Infectious Disease Bullets
13.	Infectious Diseases Bullets PDF

Infectious Disease 2	
SL	Topic
1.	IM Vs Acute HIV Infection
2.	[HIV (Seroconversion) + (PCP + CRD + CMV - Coilitis + CMV - Retinitis + Candiiasis)]
3.	[HIV + Diarrhoea (CRD + MAC)] + [HIV - KS] + [HIV - Biliary Disease] + [HIV & Pregnancy] + [HIV - VAX - CI]
4.	HIV + Neurocomplications (CT + CL + CM + PMLE + ADC)
5.	HSV + HSE + H1N1 Influenza + EBV + HEV + CMV + VHF ( DYLE) + Measles
6.	Antibiotics - Mechanisms of Action + Linezolid
7.	Antivirals + ART
8.	PEPx (Post-Exposure-Prophylaxis)
9.	All Infectious Diseases - Investigations
10.	All Infectious Diseases – Treatment

## Clinical Pharmacology & Toxicology

Clinical Pharmacology & Toxicology 1	
SL	Topic
1.	Lecture Notes Discussion - Clinical Pharmacology & Toxicology
2.	P450 Enzyme Inducers + Inhibitors
3.	Acetylator status + Drugs & Teratogenicity + Drugs Avoided in Pregnancy + Breastfeeding contraindications + Drugs Avoided in Breastfeeding
4.	Therapeutic Drug Monitoring + SJW (St. John's Wort) + Drugs acting on Serotonin Receptors + Drugs causing (Photosensitivity + Urticaria + Ocular Problems + IGT) + Drug induced Liver Disease (Cholestasis + Hepatocellular + Cirrhosis) + Drugs Causing (Pancytopenia + Thrombocytopenia)
5.	Lithium (M/A + Adverse Effects + Toxicity - Precipitating Factors + Mx)
6.	Digoxin Toxicity (M/A + Precipitating Factors + Features + Mx + ECG)
7.	Question Approach [Sample]
8.	Clinical Pharmacology & Toxicology Question Discussion
9.	Clinical Pharmacology & Toxicology Bullets PDF

Clinical Pharmacology & Toxicology 2	
SL	Topic
1.	Theophylline Toxicity + COP
2.	MT & EGT + SS-OD
3.	Drugs - Cleared by HD & Not cleared by HD + TCAOD + PARA-OD[Rx+LT( Rx+ LT (Kings College Criteria)]
4.	Alcohol Withdrawal + COC-TOX + Ecstasy - MDMA Poisoning
5.	LEAD Toxicity + AIP Precipitating Drugs + Safe Drugs + Mercury Poisoning + HCN
6.	Anti-Arhythmic Classification + Amiodarone + AIH + AIT
7.	Cytotoxic Agents + CNI (C+T) + GUM Hyperplasia
8.	Phenytoin + Na Valproate

## Clinical Pharmacology & Toxicology 3

Live lecture only

## Clinical Sciences

Clinical Sciences 1	
SL	Topic
1.	Lecture Notes Discussion of Clinical Sciences - Part - 1
2.	Lecture Notes Discussion of Clinical Sciences - Part - 2
3.	Statistics - Lecture Notes Discussion
4.	CTS (MNP) + UNP + RNP + CPNP Vs. L5NRL
5.	Popliteal Fossa and Its Clinical Significance
6.	Hyponatremia Approach
7.	SIADH
8.	Hyperkalemia + Hypokalemia Approach
9.	Causes of (Metabolic Acidosis + Metabolic Alkalosis + Respiratory Acidosis + Respiratory Alkalosis)
10.	Question Approach [Sample]
11.	Clinical Sciences Question Discussion
12.	Clinical Science Bullets
13.	Clinical Science Bullets PDF

Clinical Sciences 2	
SL	Topic
1.	ABG Interpretations - The Best Approach
2.	Calcium Metabolism + Interpretations of (Calcium + Phosphate + ALP) in different diseases
3.	Causes of Hypercalcaemia + Causes & Features of Hypocalcaemia
4.	Osteomalacia
5.	Compliment Deficiencies + HAE

Clinical Sciences 3	
SL	Topic
1.	HLA Association + Renal Transplant - HLA Typing + Graft Failure
2.	Hyper Sensitivity Reactions + Anaphylaxis + Allergy Tests
3.	Immune System Cells + Th1 + Th2 + Immunoglobulins + Indications of IgG + Monoclonal Antibodies
4.	Primary Immuno Deffi + Primary Immunodeficiency + TGA + WAS + AT
5.	IL-1 + IFNs - Uses + LTs + Molecular Biological Techniques + PCR
6.	Mendelian Inheritances (AD + AR + XLD + XLR + MM (MELAS + KSS))
7.	Conditions (AD +AR + XLD + XLR)
8.	Hyperkalaemia Management

## Renal Medicine

Renal Medicine 1	
SL	Topic
1.	Lecture Notes Discussion of Nephrology
2.	GD (Glomerular Diseases) - Clinical Presentation
3.	Glomerulonephritides
4.	IgA Nephropathy + Differences in between IgA Nephropathy & PSGN
5.	HSP (Henoch-Schonlein Purpura)
6.	SLE - Renal Complications
7.	MCD (Minimal Change Disease) + MGN (Membranous - Glomerulo-Nephritis)
8.	MCGN ( Mesangio - Capillary - Glomerulo-Nephritis) + FSGS + HIVAN
9.	GPS (GoodPasture Syndrome) + Reno-Pulmonary Syndrome ( GPA + MPA + GPS) + RPGN
10.	RPGN-APPROACH-DIFFERENTIATION-GPS-GPA-MPA-EGPA-QUESTION DISCUSSION
11.	RPGN-APPROACH-DIFFERENTIATION-GPS-GPA-MPA-EGPA (PDF)
12.	Glomerular Diseases Summary + Analysis
13.	NOS (Nephrotic Syndrome)
14.	Question Approach [Sample]
15.	Nephrology Question Discussion
16.	Nephrology Bullets
17.	Nephrology Bullets (PDF)

Renal Medicine 2	
SL	Topic
1.	AKI (Acute Kidney Injury) / ARF (Acute Renal Failure)
2.	CKD (Chronic Kidney Disease)
3.	CKD-Causes + DN (Diabetic Nephropathy) + Nephroprotection
4.	CKD - Anemia-Management + Epo-SEs + Epo-Resistance
5.	CKD-Hypertension + RAS
6.	RTA (Type - 1 + Type - 2 + Type - 4) + Fanconi Syndrome
7.	CE (Cholesterol Embolization) + CN (Contrast Nephropathy)
8.	RM (RhabdoMyolysis)
9.	Alport's Syndrome

## Haematology

Haematology 1	
SL	Topic
1.	Lecture Notes Discussion - Haematology & Oncology & Palliative medicine and end of life care
2.	Hematology - Normal Values
3.	Blood Films Pathological Cell Forms
4.	Hyposplenism - Causes + Blood Film Pictures
5.	Anaemia - Approach + Morphological Classifications
6.	IDA - (Causes + Features + Ix + Rx) + Iron Profile in Different Diseases
7.	Beta Thalassaemia Trait + Alpha Thalassaemia
8.	Sideroblastic Anemia
9.	An Approach to Hemolytic Anemia
10.	AIHA (Autoimmune Hemolytic Anemia) + EVH + IVH
11.	HS (Hereditary Spherocytosis) + G6PDH - Deficiency
12.	Sickle Cell Crisis
13.	PNH (Paroxysmal Nocturnal Hemoglobinuria)
14.	Question Approach [Sample]
15.	Question Discussion- Haematology & Oncology & Palliative medicine and end of life care.

Haematology 1	
SL	Topic
1.	MPDs + LPDs + Massive Splenomegaly - Causes
2.	LE Blood Picture + LR (Leukemoid Reaction)
3.	Hematological Malignancies Genetics
4.	CML (Chronic Myeloid Leukemia) + MF
5.	Polycythaemia - PRV + Secondary Polycythaemia
6.	AML (Acute Myeloid Leukemia) + AMPL + ALL + CML + CLL
7.	Thrombocytopenia + ITP
8.	TTP (Thrombotic Thrombocytopenic Purpura) + HUS
9.	APTT - prolonged - causes + vWD + PT,APTT,BT, TT - Interpretations in Different Bleeding Disorders + HHT + PJS
10.	AntiPhospholipid Antibody Syndrome
11.	Para Proteinaemias + MM + WM + MGUS
12.	TE - Risk factors + DVT + AT -III Deficiency + Pregnancy with DVT / PE + Protein - C Deficiency
13.	Palliative Medicine and end of life care