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NEET PG 2025 Syllabus with Subject

National Eligibility cum Entrance Test (Postgraduate)

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NEET PG Syllabus

Candidates who wish to pursue postgraduate medical courses (MD/MS/PG Diploma) in government or private medical colleges of India must prepare thoroughly for the NEET PG exam. And the first step of preparing for any exam is knowing the exam syllabus.

The NEET-PG syllabus covers all the topics taught during the MBBS course and is divided into preclinical, para-clinical, and clinical subjects. The division of the same is as follows-

NEET PG Subject Division		
Pre-clinical Subjects	Para-Clinical Subjects	Clinical Subjects
Anatomy	Pharmacology	Medicine, Dermatology and Venereology
Physiology	Microbiology	Surgery, Orthopaedics and Anaesthesia
Biochemistry	Pathology	Radiodiagnosis
	Forensic Medicine	Obstetrics and Gynaecology
	Social and Preventive Medicine	Paediatrics
		Ophthalmology
		ENT
		Psychiatry

Each section of the NEET-PG syllabus contains a number of topics, which are further divided into subtopics. Candidates must have a clear understanding of the entire syllabus in order to prepare effectively for the examination.

Subject-wise NEET PG Syllabus

Subject	Topic	Sub-Topic
1. Anatomy	General Embryology	<ul style="list-style-type: none"> ○ Developmental Timeline ○ Gametogenesis ○ Gametogenesis 2 ○ Developmental period: Week 1 & 2 ○ Developmental period: Week 3 & 4 ○ Germ layer derivatives ○ Ectoderm and neural crest cells derivatives ○ Mesoderm derivative ○ Endoderm derivatives ○ Placenta formation
	Histology	<ul style="list-style-type: none"> ○ Body tubes ○ Epithelial tissue ○ Glands ○ Connective tissue ○ Cartilage tissue ○ Lymphoid tissue ○ Integumentary system ○ Cell junctions ○ Muscular tissue ○ Respiratory system ○ Digestive system ○ Urinary system ○ Genital system
	Osteology and Arthrology	<ul style="list-style-type: none"> ○ Osteology ○ Arthrology
	Neuro Anatomy	<ul style="list-style-type: none"> ○ Organization of nervous system ○ Development of nervous system ○ Third ventricle

		<ul style="list-style-type: none"> ○ Fourth ventricle ○ White matter (Types of fibers) ○ Neural columns ○ Cerebrum ○ Basal ganglia ○ Internal capsule ○ Thalamus and hypothalamus ○ Brainstem and cranial nerve nuclei ○ Neural columns and brain stem nuclei ○ Cerebellum ○ Spinal cord ○ Autonomic nervous system ○ Arterial nervous system ○ Arterial supply of brain ○ Brainstem lesions ○ Venous drainage of cranial cavity
	<p style="text-align: center;">Head and Neck</p>	<ul style="list-style-type: none"> ○ Pharyngeal arches ○ Pharyngeal pouches & clefts ○ Tongue development ○ Pharyngeal arch arteries ○ Development of skull ○ Cranial cavity ○ Cranial cavity- II (Cranial fossae and related foramina) ○ Cranial activity - IV (Posterior cranial fossa) ○ Trigeminal nerve ○ Cavernous sinus ○ Facial nerve ○ Glossopharyngeal nerve ○ Vagus nerve ○ Hypoglossal nerve

		<ul style="list-style-type: none"> ○ Cervical plexus ○ Scalenus anterior muscle: Relations ○ Head and neck: Arterial supply ○ Head and neck: Venous drainage ○ Head and neck: Lymphatic drainage ○ Scalp ○ Neck triangles ○ Neck fascia and spaces: Revision ○ Parotid gland ○ Pharynx ○ Oesophagus ○ Larynx ○ Vertebral landmarks ○ Ear ○ Eyeball ○ Cranial nerve: 3,4 and 6
	<p style="text-align: center;">Back region</p>	<ul style="list-style-type: none"> ○ Spinal cord termination ○ Spinal cord: enlargements and spaces ○ Vertebrae ○ Lumbar puncture ○ Vertebral curvatures and slip disc ○ Cranio-vertebral joints ○ Vertebral landmarks and triangles
	<p style="text-align: center;">Thorax</p>	<ul style="list-style-type: none"> ○ Development: Cardiovascular system ○ Development: Embryonic veins ○ Development: Heart tube ○ Development: Heart tube and transverse pericardial sinus ○ Development: Interatrial septum ○ Development: AP septum formation and anomalies ○ Development: Fetoplacental circulation

		<ul style="list-style-type: none"> ○ Heart: Surfaces and grooves ○ Heart: venous drainage ○ Heart: Interior ○ Heart: Arterial supply ○ Sternal angle and mediastinum ○ Lungs: Hilum ○ Lungs: Bronchopulmonary segments ○ Lungs: Pleura - surface markings ○ Joints ○ Respiratory movements ○ Intercostal drainage and block ○ Phrenic nerve ○ Venous drainage ○ Lymphatic drainage
	Upper Limb	<ul style="list-style-type: none"> ○ Embryology ○ Nerve supply (overview) ○ Dermatomes and myotomes ○ Brachial plexus - I (Trunks) ○ Brachial plexus - II (Cords) ○ Bones and muscles (proximal region) ○ Axilla ○ Scapular movements ○ Clavipectoral fascia ○ Muscles of anterior arm region ○ Muscles of anterior forearm region ○ Cubital fossa ○ Carpal and metacarpal bones ○ Muscles of hand ○ Posterior forearm muscles ○ Anatomical snuffbox

		<ul style="list-style-type: none"> ○ Nerve supply: anterior forearm and hand muscle ○ Median nerve lesions ○ Ulnar nerve lesions ○ Radial nerve lesions ○ Nerve lesions: Comparative analysis ○ Arterial supply ○ Venous drainage ○ Lymphatic drainage ○ Hand spaces
	<p style="text-align: center;">Abdomen</p>	<ul style="list-style-type: none"> ○ Umbilical cord contents and anomalies ○ Diaphragm: development and openings ○ Development of mesentery and pancreas ○ Gut rotation ○ Abdominal planes ○ Neurovascular bundles ○ Liver ○ Inguinal and femoral region and associated herniae ○ Peritoneal cavity: sacs and spaces ○ Abdomen: Arterial supply ○ Stomach ○ Small intestine: Duodenum ○ Small intestine: Biliary apparatus ○ Small intestine: jejunum and ileum ○ Large intestine ○ Pancreas ○ Kidney ○ Ureter ○ Venous drainage of abdomen and thorax
	<p style="text-align: center;">Pelvis and Perineum</p>	<ul style="list-style-type: none"> ○ Perineal pouches and ischioanal fossa ○ Development of genito-urinary system

		<ul style="list-style-type: none"> ○ Pelvis and perineum ○ Prostate gland and parts of male urethra ○ Pelvic diaphragm ○ Perineal pouches - II ○ Extravasation of urine ○ Pudendal nerve ○ Pelvis & perineum: nerve supply ○ Pelvis & perineum: Arterial supply ○ Female reproductive system ○ Rectum and anal canal
	<p style="text-align: center;">Lower Limb</p>	<ul style="list-style-type: none"> ○ Nerve supply - overview ○ Muscles of proximal region (hip and knee joints) ○ Nerve supply thigh muscles ○ Movement and associated muscles: Hip and knee joints ○ Muscles and gluteal region ○ Hybrid muscles ○ Popliteus ○ Knee joint ○ Adductor canal ○ Popliteal fossa ○ Leg muscles ○ Leg and foot region: nerve supply ○ Flexor retinaculum ○ Plantar arches ○ Sole muscles ○ Arterial supply ○ Venous drainage

2. Physiology	General Physiology	<ul style="list-style-type: none"> ○ General Physiology ○ Concepts in Physiology ○ Cell membrane and transport proteins ○ Transport process
	Nerve Muscle Physiology	<ul style="list-style-type: none"> ○ Membrane potential ○ Excitation and action potential ○ Nerve ○ Muscle -1 ○ Muscle - II ○ Sarcomere ○ Smooth muscle
	Blood Physiology	<ul style="list-style-type: none"> ○ Blood physiology part - 1 ○ Blood physiology part - 2 ○ Blood physiology part - 3
	Gastrointestinal system	<ul style="list-style-type: none"> ○ Gastrointestinal tract
	Cardiovascular System	<ul style="list-style-type: none"> ○ Conducting system of the heart ○ ECG ○ Cardiac cycle - 1 ○ Cardiac cycle - 2 ○ Cardiac output ○ Circulation Part- 1 ○ Circulation Part -2
	Respiratory System	<ul style="list-style-type: none"> ○ Introduction: Respiratory System ○ Respiratory System Part - 1 ○ Respiratory System Part - 2 ○ Respiratory System Part - 3 ○ Respiratory System Part - 4
	Excretory System	<ul style="list-style-type: none"> ○ Renal physiology glomerular function ○ Excretory system (kidney,

		bladder) Acid base balance
	Endocrine and Reproductive System	<ul style="list-style-type: none"> ○ Introduction to Endocrines ○ Endocrine system part - 1 ○ Endocrine system part - 2 ○ Male reproductive system ○ Female reproductive system
	The Nervous System	<ul style="list-style-type: none"> ○ Introduction to central nervous system ○ Sensory system ○ Motor system part - 1 ○ Motor system part - 2 ○ Physiology of pain ○ Higher functions ○ Autonomic nervous system
	Special Senses	<ul style="list-style-type: none"> ○ Special senses Part - 1 ○ Special senses Part - 2

3. Biochemistry	Concepts	<ul style="list-style-type: none"> ○ Four formulas ○ How to use formulas ○ cAMP and cGMP ○ Sources of blood glucose ○ Fuel in fed, fasting and starvation ○ Fasting state ○ Acetyl CoA ○ Diabetes ○ Respiratory quotient ○ Cell organelles ○ Basics of carbohydrate and enzymes ○ High energy compounds
	Carbohydrate chemistry	<ul style="list-style-type: none"> ○ Basics of carbohydrate chemistry ○ Isomerism ○ Classification of carbohydrate ○ Mucopolysaccharidosis ○ Beta Galactosidase ○ Glucose transporters
	Carbohydrate Metabolism	<ul style="list-style-type: none"> ○ Glycolysis ○ Arsenic ○ Link reaction ○ TCA cycle ○ Pasteur's and warburg effects ○ NADH shuttles ○ ETC ○ Gluconeogenesis ○ Reciprocal regulation ○ TIGAR ○ Glycogen metabolism

		<ul style="list-style-type: none"> ○ Glycogen storage diseases ○ Glycogen regulation ○ HMP ○ Uronic acid pathway ○ Galactose metabolism ○ Fructose metabolism ○ Sorbitol pathway
	<p style="text-align: center;">Enzymes</p>	<ul style="list-style-type: none"> ○ Enzyme basics ○ Cofactors ○ Isoenzymes ○ Enzyme classification ○ Enzyme kinetics ○ Enzyme inhibitors ○ Enzyme uses ○ Enzyme regulation
	<p style="text-align: center;">Amino acids and proteins</p>	<ul style="list-style-type: none"> ○ Amino acids: basics ○ Classification and metabolism of amino acids ○ Glycine metabolism ○ Phenylalanine and tyrosine metabolism ○ Tryptophan metabolism ○ Methionine and cysteine metabolism ○ Catabolism of amino acids ○ Transamination ○ Hyperammonemia ○ Urea cycle ○ Urea cycle disorders ○ Nitric oxide ○ Protein bonds and structure ○ Protein Precipitation

		<ul style="list-style-type: none"> ○ Color reactions of amino acids and proteins ○ Chromatography and electrophoresis ○ Fibrous proteins ○ Haem synthesis ○ Porphyria ○ Haem catabolism ○ Chaperones
	<p style="text-align: center;">Lipids</p>	<ul style="list-style-type: none"> ○ Lipid chemistry ○ Sphingolipidoses ○ PUFAs ○ Lipoproteins ○ HDL ○ Lipotropic factors ○ Fatty acid synthesis ○ Ketone body pathways ○ Beta oxidation of fatty acids ○ Cholesterol synthesis ○ Bile acids
	<p style="text-align: center;">Molecular Biology</p>	<ul style="list-style-type: none"> ○ Nucleotides ○ Basics of genetics ○ Genetic disorders ○ Mitochondrial DNA ○ DNA replication ○ Klenow fragment ○ DNA repair ○ Types of RNAs ○ Introns ○ Transcription ○ Post transcriptional modifications ○ Ribozyme ○ Operon model ○ Codon ○ Translation ○ Genetic techniques ○ Molecular genetics and genomic

		imprinting <input type="radio"/> CRISPR
	Miscellaneous	<input type="radio"/> Alcohol metabolism <input type="radio"/> Vitamins general <input type="radio"/> Vitamin A <input type="radio"/> Vitamin D <input type="radio"/> Vitamin E <input type="radio"/> Vitamin K <input type="radio"/> Vitamin B1 <input type="radio"/> Vitamin B2 <input type="radio"/> Vitamin B3 <input type="radio"/> Vitamin B5 <input type="radio"/> Vitamin B6 <input type="radio"/> Vitamin B7 <input type="radio"/> Vitamin B9 <input type="radio"/> Vitamin B12 <input type="radio"/> Vitamin C <input type="radio"/> Minerals-basics <input type="radio"/> Calcium <input type="radio"/> Iron <input type="radio"/> Copper <input type="radio"/> Menke and wilson disease <input type="radio"/> Selenium and fluorine <input type="radio"/> Zinc and chromium <input type="radio"/> Free radicals <input type="radio"/> Xenobiotics <input type="radio"/> Muscle energy systems <input type="radio"/> Meister cycle <input type="radio"/> Buffers and titration curve <input type="radio"/> Polyamine pathway <input type="radio"/> HbA1C <input type="radio"/> 1 carbon metabolism

4. Pathology

Cell Injury	<ul style="list-style-type: none">○ Concepts of cell injury○ Cellular adaptation○ Irreversible injury 1○ Irreversible injury 2○ Free radical injury○ Ferroptosis○ Pigmentation
Inflammation	<ul style="list-style-type: none">○ Introduction to inflammation and vascular changes○ Intravascular cellular changes○ Extravascular cellular changes○ Oxygen dependent and independent bacteria killing○ Neutrophil extracellular trap○ Performed chemical mediators○ Freshly formed chemical mediators○ Plasma chemical mediators○ Coagulation cascade○ Chronic inflammation and wound healing
Immunity 1	<ul style="list-style-type: none">○ Basics of immune system activation○ Hypersensitivity reactions I to IV○ Major histocompatibility complex
Immunity 2	<ul style="list-style-type: none">○ Concept of tolerance and basics of autoimmune disorder○ Autoimmune disorders 1: SLE○ Autoimmune disorders 2○ Concepts of organ transplant○ Immunodeficiency disorders○ Amyloidosis
Genetics	<ul style="list-style-type: none">○ Introduction: genetics○ Single gene disorder○ Non-classical inheritance disorders○ Specific cytogenetic disorders

	<p>Hematology: Red Blood Cells</p>	<ul style="list-style-type: none"> ○ Hematopoiesis: basic concepts ○ RBC development and classification of anemias ○ Microcytic Anemias 1 ○ Microcytic Anemias 2 ○ Hereditary spherocytosis and G6PD deficiency ○ Basic concepts of hemolytic anemias <ul style="list-style-type: none"> ○ Hemoglobinopathies : sickle cell anemia and thalassemia ○ Megaloblastic Anemia ○ Autoimmune hemolytic anemia ○ Miscellaneous disorders ○ Paroxysmal nocturnal hemoglobinuria
	<p>Hematology: White Blood Cells</p>	<ul style="list-style-type: none"> ○ Introduction to WBC disorders ○ Acute leukemias: ALL and AML ○ Chronic myeloid leukemia ○ Myeloid disorders ○ Lymphomas: HL and NHL ○ Plasma cell dyscrasias ○ Plasma cell disorders ○ Waldenstrom's disease and heavy chain disorders
	<p>Platelets and Blood Transfusion</p>	<ul style="list-style-type: none"> ○ Concepts of bleeding disorders ○ Introduction to platelet disorders ○ Angiopathic hemolytic anemia: basic concepts ○ Clotting factor disorders and concept of factor inhibitors ○ Von willebrand disease ○ Blood transfusion and blood grouping ○ Platelet disorders
	<p>Gastrointestinal Tract</p>	<ul style="list-style-type: none"> ○ Carcinoid tumor ○ Introduction to GIT ○ Inflammatory bowel disease ○ Stomach basics gastritis and gastropathy

		<ul style="list-style-type: none"> ○ Peptic ulcer disease ○ Acute and chronic gastritis ○ Small intestine malabsorption disorders ○ Intestinal polyps and colon cancer ○ Gastric tumors ○ Alcohol induced esophageal disorders and achalasia cardia ○ Esophagus applied aspects, esophagitis and barrett'sesophagus ○ Esophagealtumors ○ Congenital GIT Anomalies ○ GIT disorders 1 ○ GIT disorders 2 ○ GIT disorders 3
	Respiratory System	<ul style="list-style-type: none"> ○ Obstructive lung disorder ○ Restrictive lung disorder ○ Pulmonary hypertension ○ Infective lung disorders ○ Pulmonary tuberculosis ○ Pneumoconiosis ○ Miscellaneous topics: ARDS ○ Neonatal respiratory distress syndrome ○ Lung tumors ○ Lung abscess
	Breast	<ul style="list-style-type: none"> ○ Breast disorders
	Bone Disorders	<ul style="list-style-type: none"> ○ Bone tumors
	Neoplasia	<ul style="list-style-type: none"> ○ Basic concepts of Neoplasia ○ Genetic basis of carcinogenesis - 1 ○ Genetic basis of carcinogenesis - 1 ○ Cancer genes ○ Etiological factors of Neoplasia ○ Diagnosis of cancers

		<ul style="list-style-type: none"> ○ Liquid Biopsy ○ Paraneoplastic syndromes
	CVS, Blood Vessels and Vasculitis	<ul style="list-style-type: none"> ○ Vasculitis ○ Ischemic heart disease ○ Rheumatic fever and infective endocarditis ○ Cardiac tumors
	Kidney and Urinary Bladder	<ul style="list-style-type: none"> ○ Congenital renal disorders ○ Glomerular disorders 1: nephritic disorders ○ Hereditary nephritis ○ Glomerular disorders 2: nephrotic disorders ○ Renal stones ○ Renal tumors
	Liver, Biliary System and Pancreas	<ul style="list-style-type: none"> ○ Liver disorders 1 ○ Liver disorders 2
	Genital System	<ul style="list-style-type: none"> ○ Male genital tract disorder 1 ○ Male genital tract disorder 2 ○ Female genital tract disorder 1 ○ Female genital tract disorder 2 ○ Female genital tract disorder 3
	Endocrinology	<ul style="list-style-type: none"> ○ Parathyroid and thyroid disorders ○ Adrenal gland disorders

5. Pharmacology	Covid- 19	<ul style="list-style-type: none"> ○ Drug update for Covid-19 ○ Covid-19
	General Pharmacology	<ul style="list-style-type: none"> ○ Pharmacokinetics (Absorption) ○ Pharmacokinetics (Distribution) ○ Pharmacokinetics (Metabolism) ○ Pharmacokinetics (Excretion and calculations) ○ Pharmacodynamics ○ Pharmacogenetics ○ Therapeutic drug monitoring ○ Clinical trials ○ Plasma conc VS Time graph ○ Steady state ○ Numericals in pharmacology ○ ADR and pharmacovigilance ○ Drugs in pregnancy and lactation ○ Drugs antagonism ○ Combined effect of drugs ○ Practicals in general pharmacology ○ Details of enzymatic receptors (Higher order topic) ○ Spare receptors ○ Receptor regulation ○ Drugs with peculiar names ○ Types of enzyme inhibitors ○ Prescription ○ Hereditary angioneurotic edema ○ Different named receptors
	Autonomic Nervous System	<ul style="list-style-type: none"> ○ Cholinergic drugs ○ Aniti-cholinergic drugs ○ Adrenergic drugs ○ Anti adrenergic drugs

		<ul style="list-style-type: none"> ○ Tertiary and quaternary amines ○ VMAT 2 inhibitors ○ Active and passive mydriasis ○ Rabbit experiments (Eye and Ileum) ○ Bladder pharmacology ○ Glaucoma
	Cardiovascular System	<ul style="list-style-type: none"> ○ Congestive heart failures ○ Ischemic heart disease (Angina and MI) ○ Hypertension ○ Arrhythmias ○ Dyslipidemia ○ Pulmonary hypertension ○ Management of shock
	Kidney	<ul style="list-style-type: none"> ○ Diuretics
	Respiratory System	<ul style="list-style-type: none"> ○ Drugs for cough and bronchial asthma
	Gastro-Intestinal Tract	<ul style="list-style-type: none"> ○ Drugs for peptic ulcer ○ Laxative purgatives ○ Vomiting Diarrhea and inflammatory bowel syndrome
	Endocrine System	<ul style="list-style-type: none"> ○ Pituitary hypothalamic system ○ Thyroid ○ Pancreas ○ Adrenal ○ Osteoporosis ○ Sex hormones ○ Oral contraceptives ○ Bromocriptine in diabetes mellitus (Higher order topic)
	Central Nervous System	<ul style="list-style-type: none"> ○ Sedative hypnotics ○ Parkinsonism ○ Epilepsy ○ Psychiatric illness ○ Drugs of abuse (Opioids and alcohols)

	Hematology	<ul style="list-style-type: none"> ○ Drugs affecting blood flow ○ Drugs affecting cells of blood
	Antimicrobial Drugs	<ul style="list-style-type: none"> ○ Cell wall synthesis inhibitors ○ Protein synthesis inhibitors ○ Antimetabolites and quinolones ○ Drugs not effective against certain bacteria ○ Pseudomembranous colitis ○ TDK CDK and PAE ○ Antimicrobial resistance ○ Mycobacterial diseases (TB, Leprosy and MAC) ○ Antiviral drugs ○ Antifungal drugs ○ Topical antifungal drugs ○ Anti parasitic drugs ○ Antimicrobial agents
	Anticancer and Immunosuppressants	<ul style="list-style-type: none"> ○ Monoclonal antibodies ○ Cytotoxic anticancer drugs ○ Targeted anticancer drugs and immunosuppressants
	Autacoids	<ul style="list-style-type: none"> ○ Histamine and 5-HT ○ Migraine ○ PGs, LTs and NSAIDs ○ Gout and Rheumatoid Arthritis
	Anesthesia	<ul style="list-style-type: none"> ○ Local anesthesia ○ Skeletal muscle relaxants ○ General anesthesia
	Miscellaneous	<ul style="list-style-type: none"> ○ Chelating agents ○ Hyperkalemia

6. Microbiology	Covid - 19	<ul style="list-style-type: none"> ○ Covid-19
	Introduction	<ul style="list-style-type: none"> ○ Introduction to microbiology
	Systematic Bacteriology	<ul style="list-style-type: none"> ○ Systematic Bacteriology Part -1 (Gram positive, Cocci, Gram negative cocci) ○ Systematic Bacteriology Gram Positive Bacilli (part-1) ○ Systematic Bacteriology Gram Positive Bacilli (part-2) ○ Systematic Bacteriology (enterobacteriaceae, E.coli, klebsiella, proteus, salmonella, shigella, pseudomonas, vibrio) ○ Systematic Bacteriology Gram Negative Bacilli (haemophilus, HACEK, bordetella, brucella, yersinia, legionella, spirochetes) ○ Systematic Bacteriology gram negative bacilli (leptospira, L. interrogans, rickettsiae, scrub, typhus, Q fever, ehrlichia, bartonella, chlamydiae, campylobacter, helicobacter, mycoplasma, bacteroids)
	Mycology	<ul style="list-style-type: none"> ○ Mycology
	Parasitology	<ul style="list-style-type: none"> ○ Parasitology part - 1 (Protozoology) ○ Parasitology part - 2 (Helminthology)
	Virology	<ul style="list-style-type: none"> ○ Virology part - 1 (general properties, DNA viruses) ○ Virology part - 2 (RNA viruses) ○ Virology and bacteriology must know updates
Immunology	<ul style="list-style-type: none"> ○ Immunology part -1 ○ Immunology part -2 ○ Immunology part - 3 	

	General Microbiology	<ul style="list-style-type: none"> ○ General Microbiology part - 1 ○ General Microbiology part - 2 ○ General Microbiology part -3
	System Wise & NEXT Based Clinical Microbiology	<ul style="list-style-type: none"> ○ Normal microbial flora ○ Bone and joint infection ○ GIT infections ○ Urinary tract infection ○ Pelvic infections ○ Cardiac infections ○ Upper respiratory tract infections ○ Lower respiratory tract infections ○ Central nervous system infections ○ Bloodstream infections ○ Fever of unknown origin ○ Anemia causing organisms ○ Eye and ear infections ○ Skin lesions ○ Random skin lesion images ○ Nosocomial infections ○ Hand hygiene ○ Organisms transmitted by droplet and aerosol ○ Biosafety levels ○ Occupational exposures (HIV and HBV) ○ BMW management

7. PSM	COVID-19	<ul style="list-style-type: none"> ○ Basic steps of donning and doffing PPE ○ Black fungus Mucormycosis ○ Covid -19 Biomedical waste management ○ Covid-19 Vaccines
	Recent updates 2021	<ul style="list-style-type: none"> ○ New updated values criteria definitions 2021-22
	Epidemiology	<ul style="list-style-type: none"> ○ Definitions and concepts ○ Classification, cohort study ○ Case control study, combined designs ○ Other analytical studies ○ Confounding and bias ○ RCT, trials ○ EBM, Meta-analysis, other studies ○ Meta-analysis ○ Forest plot ○ Funnel plot ○ Disease causation, measurements, milestones
	Vaccines and Cold Chain	<ul style="list-style-type: none"> ○ Concepts of immunity, classification of vaccines ○ National immunization schedule 2020-21 ○ Contraindications, AEFIs ○ Cold chain in India ○ Important facts in immunization
	Health and Disease	<ul style="list-style-type: none"> ○ PQLI, HDI, MDPI, BPL ○ Time distribution, epidemics ○ Elimination, eradication, surveillance ○ Levels of prevention of disease

		<ul style="list-style-type: none"> ○ Other key definitions and concepts
	Screening of Disease	<ul style="list-style-type: none"> ○ Definition and concepts, examples from NHPs ○ Sensitivity, specificity, PPV, NPV ○ ROC curve, precision & accuracy ○ Likelihood ratios
	Demography	<ul style="list-style-type: none"> ○ Definition and concepts ○ Census, SRS, NFHS, DLHS, VRS ○ Other key concepts
	Preventive Obstetrics, Pediatrics and Geriatrics	<ul style="list-style-type: none"> ○ Obstetric care in RCH: visits, IFA, TT, MCH indicators ○ Pediatric care in RCH: BW, BL, PEM, breast feeding ○ Growth and development ○ School health, geriatrics
	Nutrition and Health	<ul style="list-style-type: none"> ○ Nutrition guidelines 2021-22 ○ Definition and concepts ○ Proteins, fats, rich sources ○ RDA, nutritional requirements ○ Vitamins and nutritional deficiencies ○ Food standards, food adulteration
	Social Sciences and Health	<ul style="list-style-type: none"> ○ Definition and concepts in sociology & psychology ○ Family systems in India ○ Socio-economic status, Social security ○ Health economics
	Environment and health	<ul style="list-style-type: none"> ○ Water ○ Air, light, sound, housing, radiation, waste disposal ○ Medical entomology

	International Health	<ul style="list-style-type: none"> ○ International health agencies ○ Bioterrorism agents ○ Sustainable development goals ○ Biosafety levels
	Health Education and Communication	<ul style="list-style-type: none"> ○ Definitions and concepts ○ HC methods, D-P communication ○ Health education, mass media ○ National education policy 2020
	Health Care in India	<ul style="list-style-type: none"> ○ PH care, elements & principles ○ Rural and urban health centers, workers, norms ○ AYUSH, socialized medicine
	Family Planning and Contraception	<ul style="list-style-type: none"> ○ Definitions and concepts ○ Natural methods, barrier methods, IUSs, OCPs ○ Other FP methods ○ New initiatives in family planning
	Communicable and Non-Communicable Disease	<ul style="list-style-type: none"> ○ General epidemiology ○ Respiratory infections ○ Intestinal infections, worm infections ○ VBDs, arboviral & viral infections, surface infections ○ Leprosy, HIV & STDs ○ Other communicable diseases ○ NCDs: CHD, HTN, DM, RF, Cancers, Obesity, Blindness
	National Health Programmes, Policies and Legislations in India	<ul style="list-style-type: none"> ○ National Tuberculosis elimination program 2020-21 ○ RNTCP ○ NPEP, NHM ○ NPCBVI, NACP ○ NVBDCP, NLEP

		<ul style="list-style-type: none"> ○ Other NHPs ○ New national health programs in India ○ National digital health mission ○ Health schemes ○ New schemes strategies initiatives 2021-22 ○ Health policies & legislations
	Allied Health Disciplines	<ul style="list-style-type: none"> ○ Biomedical waste management ○ Disaster management ○ Occupational health ○ Genetics and health ○ Mental health
	Health Planning and Management	<ul style="list-style-type: none"> ○ Definitions and concepts in HP ○ HP committees ○ National health policy 2017 ○ HM techniques, inventory control
	Biostatistics	<ul style="list-style-type: none"> ○ Variables, scales ○ Central tendency, dispersion ○ Normal distribution, skewed distributions ○ Statistical errors, p-value, confidence intervals ○ Statistical tests ○ Statistical graphs, correlation, regression, locations ○ Sampling, sample size ○ Probability & odds ○ Tree diagram ○ Box and whisker plot ○ Stem and leaf plot
	Clinical Essentials	<ul style="list-style-type: none"> ○ How to give intramuscular injections ○ How to give intradermal injections ○ How to give subcutaneous injections

8. ENT	Ear	<ul style="list-style-type: none"> ○ Fundamentals of ear (Osteology and Embryology) ○ Anatomy of external ear ○ Diseases of external ear ○ Anatomy of middle ear cleft ○ Eustachian tube (Anatomy, physiology and diagnostic tests) ○ Anatomy of inner ear ○ Neural pathway of sound ○ Physiology of hearing ○ Tests of hearing ○ Facial nerve and its disorders ○ Otitis media ○ Complications of otitis media ○ Otosclerosis ○ Glomus tumor ○ Diseases of inner ear ○ Anatomy and diseases of CP angle ○ Hearing devices ○ Vestibular Schwannoma
	Nose and Paranasal Sinuses	<ul style="list-style-type: none"> ○ Congenital lesions of nose ○ CSF rhinorrhoea ○ Fungal rhinosinusitis ○ X-rays of paranasal sinuses ○ Rhinosinusitis ○ Nasal disorders of atrophy ○ Embryology of nose and face ○ Introduction to paranasal sinuses ○ Miscellaneous ○ Blood supply of nasal septum

		<p>and epistaxis</p> <ul style="list-style-type: none"> ○ Paranasal sinuses anatomy ○ Tumors of nose and paranasal sinuses ○ Anatomy of nasal cavity ○ Anatomy and disorders of external nose ○ Complications of sinusitis ○ Nasal septal disorders ○ Nasal polyps ○ Physiology of nose
	Pharynx	<ul style="list-style-type: none"> ○ Introduction to pharynx ○ Nasopharynx ○ Hypopharynx ○ Oropharynx ○ Layers of cervical fascia ○ Deep neck spaces
	Larynx	<ul style="list-style-type: none"> ○ Embryology of larynx ○ Structural anatomy of larynx ○ Acute and chronic inflammation of larynx ○ Benign lesions of larynx ○ Vocal fold palsy ○ Carcinoma larynx
	Clinical Essentials	<ul style="list-style-type: none"> ○ Maneuver for diagnosis and treatment of BPPV ○ ENT examination by head mirror ○ Anterior rhinoscopy ○ Posterior rhinoscopy ○ Indirect laryngoscopy

9. Ophthalmology	Clinical Essentials	Indirect ophthalmoscopy
	Introduction to Ophthalmology	Introduction to Ophthalmology
	Basics of Ophthalmology	<ul style="list-style-type: none"> ○ Basics of Ophthalmology Part- I ○ Basics of Ophthalmology Part - II ○ Embryology of the eye
	Orbit and Adnexa	<ul style="list-style-type: none"> ○ Orbit and adnexa ○ Lacrimal apparatus
	Lens and Cataract	<ul style="list-style-type: none"> ○ Cataract part - 1 ○ Cataract part - 2
	Uveitis	Uveitis
	Glaucoma	<ul style="list-style-type: none"> ○ Glaucoma Part 2 ○ Glaucoma Part 3 ○ Glaucoma Part 1
	Refraction	<ul style="list-style-type: none"> ○ Refraction part 1 ○ Refraction part 2
	Retina and Vitreous	<ul style="list-style-type: none"> ○ Retina and Vitreous Part 1 ○ Retina and Vitreous Part 2 ○ Retina and Vitreous Part 3 ○ Hypertensive retinopathy
	Neuro Ophthalmology	Neuro Ophthalmology Part 1 Neuro Ophthalmology Part 2
	Squint / Strabismus	<ul style="list-style-type: none"> ○ Squint and Strabismus Part 1 ○ Squint and Strabismus Part 2
	Conjunctiva	Conjunctiva
	Cornea	<ul style="list-style-type: none"> ○ Cornea Part 1 ○ Cornea Part 2
	Sclera	Episcleritis and devastating scleritis
	Trauma	<ul style="list-style-type: none"> ○ Ocular trauma ○ Chemical injuries
	Imaging in Ophthalmology	Imaging in ophthalmology
Lasers in Ophthalmology	Lasers in Ophthalmology	

<p>10. Gynaecology & Obstetrics</p>	<p>Gynecology</p>	<ul style="list-style-type: none"> ○ Mensuration ○ Menstrual problems in young and small girls ○ Ovarian hyperstimulation syndrome (Bakers dozen) ○ Tests of ovulation ○ Endometriosis adenomyosis ○ Hormonal replacement therapy (Sweet-sixty-sixteen) ○ Ovarian tumors ○ Polycystic ovarian syndrome ○ Cervical carcinoma ○ Post menopausal bleeding ○ Vulvar carcinoma ○ Fibroids ○ Hysterectomy ○ Mullerian abnormalities ○ Abnormal uterine bleeding (It's a downpour!) ○ Gametogenesis ○ Intersex (She is your brother!) ○ Pubertal changes ○ Infertility ○ Genital organ prolapse ○ Urinary fistula in obstetrics ○ Emergency contraceptives ○ Contraception ○ Genital tract infection ○ Amenorrhea ○ Clinical anatomy of female reproductive tract ○ Endometrial carcinoma
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	Obstetrics	<ul style="list-style-type: none"> ○ Covid-19 in pregnancy ○ Postpartum hemorrhage ○ Placenta: Separation and complications ○ Placenta and cord: complications ○ Rh incompatibility ○ Twin pregnancy ○ Molar pregnancy and gestational trophoblastic disease ○ Antepartum Haemorrhage ○ Pregnancy induced hypertension ○ Diabetes in pregnancy ○ Intrauterine growth restriction ○ Medical illness complicating pregnancy ○ Parturition introduction ○ Basic definitions, cardinal movements, ECV ○ Fetal skull, maternal pelvis, important dimensions ○ Malpositions, malpresentations ○ Basics of instrumental delivery, methods of labor induction ○ Episiotomy ○ Puerperium ○ Caesarean section ○ Infection in pregnancy ○ Drugs in pregnancy ○ Anaemia in pregnancy ○ Vomiting in pregnancy ○ Ectopic pregnancy ○ Abortions ○ Induced abortions (MTP)
	Drugs Used in Obstetrics and Gynaecology	Drugs used in obstetrics and gynaecology
	Instruments	Instruments in gynaecology and obstetrics

11. Forensic Medicine	Forensic Traumatology	<ul style="list-style-type: none"> ○ Mechanical Injuries ○ Regional Injuries-1 ○ Regional Injuries-2 ○ Forensic Ballistics ○ Blast Injuries ○ Thermal Injuries-1 ○ Thermal Injuries-2 ○ Explosion Injuries and ○ SCALD ○ Electrical Injuries ○ Cold Injury ○ Heat Artefacts ○ Transportation Injuries ○ Torture Method
	Indian Legal System & Medical Jurisprudence	<ul style="list-style-type: none"> ○ Indian Legal System- Court Procedures ○ Legal Sections ○ Medical Jurisprudence- Part 1 ○ Medical Jurisprudence- Part 2 ○ Medical Certification of cause of Death
	Violent asphyxia deaths	<ul style="list-style-type: none"> ○ Asphyxial Deaths Hanging and Strangulation ○ Asphyxial Deaths Suffocation ○ Asphyxial Deaths Drowning
	Forensic Thanatology & Forensic Identity	<ul style="list-style-type: none"> ○ Post-mortem Techniques ○ Thanatology ○ Human Identification-1 ○ Human Identification-2 ○ Human Identification-3
	Sexual Jurisprudence	<ul style="list-style-type: none"> ○ Sexual offences ○ Impotency, Virginty, Pregnancy

		<p>and Abortion</p> <ul style="list-style-type: none"> ○ Infant Death ○ Trace Evidences ○ Battered Baby Syndrome
	Forensic Toxicology	<ul style="list-style-type: none"> ○ Toxicology Introduction ○ Diagnosis of poisoning in case of Living ○ Diagnosis of poisoning in case of Dead ○ General guidelines in the management of a case of poisoning ○ Corrosives ○ Metallic Poisons ○ Non-metallic Irritants ○ Animal Irritants ○ Plant Irritants ○ Cerebral Poisons ○ Deliriums ○ Cardiac Poisons ○ Spinal Poisons ○ Asphyxiants ○ Agricultural Poisons
	Starvation Deaths	<ul style="list-style-type: none"> ○ Starvation Deaths
	Forensic Psychiatry	<ul style="list-style-type: none"> ○ Forensic Psychiatry

12. Paediatrics	Growth	<ul style="list-style-type: none"> ○ Assessment of growth and growth charts ○ Normal Anthropometric parameters ○ Short stature and tall stature ○ Abnormalities of head size and shape ○ Normal and abnormal dentition
	Normal Development	<ul style="list-style-type: none"> ○ Important motor milestones ○ Social and language milestones ○ Developmental implications of important milestones
	Developmental and Behavioural Disorders	<ul style="list-style-type: none"> ○ Abnormalities of development ○ Behavioural disorders in children
	Puberty and Adolescence	<ul style="list-style-type: none"> ○ Puberty and adolescence
	Neonatology	<ul style="list-style-type: none"> ○ Important techniques and preterm and post term neonates ○ Primitive neonatal reflexes and conditions seen in neonates and requiring treatment ○ Neonatal resuscitation ○ IUGR and feeding of preterm neonate ○ Neonatal sepsis ○ Neonatal hypothermia ○ Neonatal hypoglycemia ○ Perinatal asphyxia ○ Important scores in neonates ○ Necrotising enterocolitis ○ Neonatal jaundice ○ Erythroblastosis fetalis ○ Latest updates in neonatology
	Nutrition and	<ul style="list-style-type: none"> ○ Breast milk and breastfeeding

	Malnutrition	<ul style="list-style-type: none"> ○ Micronutrients in health and disease ○ Malnutrition
	Fluid and Electrolyte Disturbances	<ul style="list-style-type: none"> ○ Body composition and acid base balance ○ Disorders of sodium and potassium ○ IV fluids in health and disease
	Genetics and Genetic Disorders	<ul style="list-style-type: none"> ○ Types of genetic disorders ○ Important genetic syndromes
	Inborn Error of Metabolism	<ul style="list-style-type: none"> ○ Disorders of carbohydrate metabolism ○ Disorders of Amino acid metabolism ○ Lysosomal storage disease
	Diseases of Immune System	<ul style="list-style-type: none"> ○ Primary immunodeficiency ○ Vasculitic disorders in children
	Infectious Diseases	<ul style="list-style-type: none"> ○ Important viral diseases in children ○ Covid-19 in children ○ Important bacterial diseases in children ○ Congenital infection
	Immunization	<ul style="list-style-type: none"> ○ Immunization - general concepts and special situations ○ Individual vaccines
	Paediatric Cardiology	<ul style="list-style-type: none"> ○ Fetal circulation and classification of congenital heart disease ○ Important acyanotic congenital heart diseases ○ Tetralogy of fallot ○ Rheumatic heart disease ○ Other congenital heart diseases
	Paediatric Hematology	Important hematological

	Hematology and Oncology	<p>disorders in children</p> <ul style="list-style-type: none"> ○ Important bleeding & coagulation disorders in children ○ Hematological malignancies in children ○ Tumors of infancy and childhood
	Paediatric Gastroenterology	<ul style="list-style-type: none"> ○ Disorders of gastrointestinal system including diarrhea ○ Liver disorders in children
	Pediatric Respiratory Disorders	<ul style="list-style-type: none"> ○ Normal structure and function of kidney in children ○ Acute and chronic kidney diseases ○ Congenital abnormalities of genitourinary tract ○ Nephritic and nephrotic syndrome ○ Obstructive and infective disorders of urinary tract ○ Renal tubular disorders
	Pediatric Neurology	<ul style="list-style-type: none"> ○ Congenital CNS malformations and hydrocephalus ○ Seizures in children ○ Disorders with CNS involvement and brain death
	Musculoskeletal disorders in children	<ul style="list-style-type: none"> ○ Disorders of muscles in children ○ Rickets ○ Important disorders involving bones
	Pediatric endocrinology	<ul style="list-style-type: none"> ○ Disorders of pituitary ○ Disorders of thyroid in children ○ Adrenal disorders ○ Disorders of puberty ○ Disorders of sexual development ○ Type 1 Diabetes mellitus and

		obesity in children
	Common Childhood Poisonings	<ul style="list-style-type: none"> ○ Common childhood poisonings
	Clinical Essentials	<ul style="list-style-type: none"> ○ Orogastric feeding tube insertion in a neonate ○ How to use radiant warmer for a neonate ○ Self inflating bag and mask for neonatal resuscitation ○ Identification of preterm vs term neonate ○ Steps of hand washing before entering a neonatal intensive care unit (NICU) ○ Different types of seizures seen in children ○ Gower sign ○ Setting sun sign ○ Sturge weber syndrome ○ Intravenous cannula and its insertion in neonates and children ○ Phototherapy for neonatal jaundice

13. Surgery	Endocrine Surgery	<ul style="list-style-type: none"> ○ Breast part 1 ○ Breast part 2 ○ Thyroid 1 ○ Thyroid 2 ○ Parathyroid and adrenal gland
	Hepatobiliary Pancreatic Surgery	<ul style="list-style-type: none"> ○ Liver Part - 1 ○ Liver Part - 2 ○ Portal hypertension ○ Gallbladder ○ Bile Duct part - 1 ○ Bile Duct part - 2 ○ Pancreas
	Gastrointestinal Surgery	<ul style="list-style-type: none"> ○ Esophagus ○ Stomach and Duodenum ○ Peritoneum ○ Intestinal obstruction ○ Small intestine ○ Large intestine ○ Ileostomy and Colostomy ○ Inflammatory bowel disease part 1 ○ Inflammatory bowel disease part 2 ○ Vermiform appendix ○ Rectum and anal canal ○ Hernia and abdominal wall 1 ○ Hernia and abdominal wall part 2 ○ Spleen
	Urology	<ul style="list-style-type: none"> ○ Kidney and Ureter Part - 1 ○ Kidney and Ureter Part - 2 ○ Kidney and Ureter Part - 3 ○ Urinary bladder ○ Prostate and seminal vesicles ○ Urethra and penis ○ Testis and scrotum part - 1

		<ul style="list-style-type: none"> ○ Testis and scrotum part - 2
	Cardiothoracic vascular surgery	<ul style="list-style-type: none"> ○ Arterial disorders part 1 ○ Arterial disorders part 2 ○ Venous disorders ○ Lymphatic system ○ Thorax and mediastinum part 1 ○ Thorax and mediastinum part 2
	Plastic Surgery	<ul style="list-style-type: none"> ○ Burns ○ Plastic surgery and skin lesions ○ Wound healing tissue repair and scar
	Neurosurgery	<ul style="list-style-type: none"> ○ Cerebrovascular diseases ○ CNS tumor
	Head and Neck	<ul style="list-style-type: none"> ○ Oral cavity ○ Salivary glands ○ Neck ○ Facial injuries and abnormalities
	Oncology	<ul style="list-style-type: none"> ○ Oncology
	Others	<ul style="list-style-type: none"> ○ Trauma ATLS protocol ○ Nutrition ○ Pediatric surgery part - I ○ Pediatric surgery part - II ○ Head injury ○ Neck and thoracic injuries ○ Abdominal trauma ○ Transplantation Part 1 ○ Transplantation Part 2 ○ Robotics, laparoscopy and bariatric surgery ○ Sutures and anastomoses ○ Shock ○ General surgery ○ Tubes, catheters and drains ○ Instruments Part 1 ○ Instruments Part 2
	Clinical Essentials	<ul style="list-style-type: none"> ○ Clinical examination of fistula in Ano ○ Hernia ○ Modified radical mastectomy

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<p>14. Medicine</p>	<p>Cardiology</p>	<ul style="list-style-type: none"> ○ Mitral valve prolapse ○ Percutaneous coronary intervention ○ Heart sounds 1 ○ Heart sounds 2 ○ Heart sounds 3 ○ Mitral valve prolapse ○ Mitral regurgitation ○ Aortic stenosis ○ Aortic regurgitation ○ Tricuspid stenosis ○ Tricuspid regurgitation and pulmonic stenosis and regurgitation ○ Murmurs ○ Cardiomyopathies ○ Takotsubo cardiomyopathies and brugada syndrome ○ Rheumatic heart disease ○ Infective endocarditis ○ ECG and arrhythmias part 1 ○ ECG and arrhythmias part 2 ○ Multifocal atrial tachycardia ○ ECG changes in hypokalemia&hyperkalemia ○ Acute coronary syndrome part 1 ○ Acute coronary syndrome part 2 ○ Symptomatic bradycardia with pulse ○ Congenital heart disease ○ Metabolic-syndrome-X and
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		<p>syndrome-Z</p> <ul style="list-style-type: none"> ○ Hypertension ○ Disease of pericardium ○ Congestive heart failure ○ Bundle branch block
	Emergency Medicine	<ul style="list-style-type: none"> ○ Basic cardiac life support ○ Pulseless electrical activity ○ Advanced cardiac life support ○ Mechanical ventilation ○ Massive transfusion protocol ○ ARDS ○ Snake bite ○ AHA 2020 update on CPR guidelines ○ High altitude pulmonary edema
	Endocrinology	<ul style="list-style-type: none"> ○ Pancreatic neuroendocrine tumors ○ Diabetes mellitus - 1 ○ Diabetes mellitus - 2 ○ Diabetic ketoacidosis and hyperosmolar coma ○ Disorders of parathyroid gland ○ Disorders of adrenal gland ○ Cushing syndrome ○ Diseases of thyroid ○ Diseases of anterior pituitary ○ Multiple endocrine neoplasia
	Nephrology / Kidney Disease	<ul style="list-style-type: none"> ○ Electrolyte imbalances ○ Bartter syndrome, Gitelman syndrome, Liddle syndrome and comparison with SIADH ○ Ciliopathies/Chronic tubulointerstitial disorders

		<ul style="list-style-type: none"> ○ Polycystic kidney disease ○ Thrombotic Thrombocytopenic purpura ○ Kidney urine analysis ○ Acute kidney injury ○ Chronic kidney disease ○ Diabetic nephropathy ○ Kidney stones ○ Renal tubular acidosis ○ Nephrotic and nephritic syndrome ○ Renal artery stenosis
	GIT	<ul style="list-style-type: none"> ○ Bleeding from the gut ○ Peptic ulcer disease ○ Zollinger Ellison Syndrome ○ Malabsorption Syndrome ○ Inflammatory Bowel Syndrome ○ Irritable Bowel Syndrome
	Hematology	<ul style="list-style-type: none"> ○ Chronic Lymphocytic Leukemia ○ Chronic Myeloid Leukemia ○ Acute Myeloblastic Leukemia ○ Acute Lymphoblastic Leukemia ○ Multiple Myeloma ○ Blood components ○ Blood transfusion complications ○ Hodgkins and non-hodgkin's lymphoma ○ Thalassemia ○ Sickle cell disease, G-6PD deficiency and other hemolyticanemias ○ Sideroblastic anemia

		<ul style="list-style-type: none"> ○ Platelet disorders
	Neurology	<ul style="list-style-type: none"> ○ Basics of middle cerebral artery and cranial nerve arrangement ○ Mechanical thrombectomy ○ Stroke ○ Transient ischemic attack and stroke interventions ○ Intraparenchymal hemorrhage and other CNS bleeds ○ Subarachnoid hemorrhage ○ Headache and migraine ○ Epilepsy and EEG ○ Raised ICP and brain death ○ Intracranial space occupying lesion ○ Meningitis part 1 ○ Meningitis part 2 ○ CNS infections in AIDS positive patients ○ Parkinsonism and parkinson's disease ○ Myasthenia Gravis ○ Guillain Barre syndrome ○ Alzheimer disease ○ Multiple sclerosis ○ Neuromyelitis optica ○ Amyotrophic lateral sclerosis ○ Syringomyelia and conus medullaris syndrome ○ Channelopathies
	Rheumatology /Connective Tissue Disorder	<ul style="list-style-type: none"> ○ Systemic Lupus Erythematosus ○ Rheumatoid arthritis ○ Crystal arthropathy

		<ul style="list-style-type: none"> ○ Vasculitis ○ Scleroderma ○ Sarcoidosis ○ Ankylosing spondylitis ○ IGG4 related disease
	Liver	<ul style="list-style-type: none"> ○ Hepatitis B ○ Hepatitis-C - D and fulminant hepatitis ○ Hepatorenal syndrome and hepatopulmonary syndrome ○ Autoimmune hepatitis ○ Cirrhosis and its complications ○ PBC and PSC ○ Wilson disease and hemochromatosis ○ Alcoholic hepatitis ○ Hereditary Hyperbilirubinemia ○ Paracetamol toxicity/Acetaminophen toxicity ○ Budd chiari syndrome
	Pulmonology	<ul style="list-style-type: none"> ○ Cystic fibrosis ○ Obstructive sleep apnea ○ Pulmonary embolism ○ Fat embolism syndrome ○ Bronchiectasis ○ Pneumonia ○ Bronchial asthma ○ COPD ○ COPD update ○ Respiratory failure ○ Tuberculosis ○ Interstitial lung disease

		<ul style="list-style-type: none"> ○ Pulmonary Alveolar proteinosis ○ Pleural effusion ○ Pneumothorax ○ Flow volume curve, spirometry and DLCO ○ ABG analysis simplified part 1 ○ ABG analysis simplified part 2
	<p style="text-align: center;">Infections</p>	<ul style="list-style-type: none"> ○ Fever of unknown origin ○ Dengue fever ○ Nipah virus and Zika virus ○ Pneumocystis Jirovecii ○ Aspergillosis ○ AIDS ○ Covid- 19
	<p style="text-align: center;">Clinical Essentials</p>	<ul style="list-style-type: none"> ○ Frog Sign ○ Breath sounds ○ Approach to parkinson disease ○ Myoclonus vs myotonia vs myokymia ○ Epilepsy ○ Brockenbrough braunwald morrow sign ○ Lumbar puncture essentials ○ Approach to case of suspected meningitis ○ Glasgow coma scale ○ Pacemaker

15. Radiology	X-rays	○ X-ray: Basic concepts
	CT Scan	○ CT: Basic concepts
	Magnetic Resonance Imaging	○ MRI: Basic concepts
	Ultrasound	○ Ultrasound: Basic concepts
	Thumb Rules	○ Radiological investigations and thumb rules
	Angiography, DSA. Interventional Radiology	○ Interventional Radiology
	Contrast Agents	○ Contrast media
	Gastrointestinal radiology	○ GI Radiology
	Hepatobiliary Radiology	○ Hepatobiliary radiology
	Pancreatic Radiology	○ Pancreatic radiology
	Genitourinary Radiology	○ Genitourinary radiology
	Neuroradiology	○ Neuroradiology Part 1 ○ Neuroradiology Part 2
	Musculoskeletal Radiology	○ Arthritis ○ Bone tumors ○ Musculoskeletal radiology
	Women Imaging	○ Women's Imaging
	Cardiovascular Radiology	○ CVS Radiology ○ Approach to CHD
	Clinical Essentials	○ E-Fast
	Respiratory Radiology	○ Respiratory Radiology
	Nuclear Medicine	○ Nuclear Medicine
	Radiotherapy	○ Radiotherapy Part 1 ○ Radiotherapy Part 2
	Radiological Anatomy	○ Radiological Anatomy

16. Emergency Medicine	An Approach of Undifferentiated patient	Basics of Emergency Medicine
	Cardiovascular Emergencies	<ul style="list-style-type: none"> ○ Basics Cardiac Life Support ○ Basic Life Support ○ Bradycardia ○ Tachycardia ○ Advanced Cardiac Life Support ○ Pulseless Electrical Activity ○ Asystole and Post Resuscitation care ○ Bradycardia and Bradyarrhythmia ○ Tachycardia ○ Acute Coronary Syndrome ○ Congestive Cardiac Failure ○ Approach to Shock ○ Hypovolemic Shock ○ Septic Shock
	Neurological Emergencies	<ul style="list-style-type: none"> ○ Emergency Management in Acute Stroke ○ COMA ○ Headache- Approach in Emergency Department ○ Intracerebral Hemorrhage ○ Aneurysmal Subarachnoid Haemorrhage ○ Meningitis and Encephalitis ○ Seizure Status Epilepticus
	Respiratory Emergencies	<ul style="list-style-type: none"> ○ ARDS ○ Chronic Obstructive Lung Disease ○ Thoracic Aortic Dissection ○ Deep Vein Thrombosis and Pulmonary Embolism
	Abdominal Emergencies	<ul style="list-style-type: none"> ○ Abdominal Pain ○ Gastrointestinal Bleeding ○ Abdominal Aortic Aneurysm
	Miscellaneous Emergencies	<ul style="list-style-type: none"> ○ Anaphylaxis ○ Hypothermia ○ Hyperthermia ○ Suicidal Emergency Management

17. Dermatology	Introduction to Dermatology	<ul style="list-style-type: none"> ○ Basics of Dermatology, Cells of Epidermis ○ Level of Epidermis ○ Histopathological Findings ○ Basement Membrane Zone ○ Dermis and Subcutaneous Layer ○ Structure of Hair, Hair Disorders ○ Disorders of Nails ○ Structure of Sweat Glands and Related Disorders ○ Sebaceous Gland ○ Acne Vulgaris ○ Chemical Peeling ○ Skin Lesions
	Blistering Disorders	<ul style="list-style-type: none"> ○ Blistering Disorders
	Pigmentary Disorders	<ul style="list-style-type: none"> ○ Pigmentary Disorders
	Bacterial Infections	<ul style="list-style-type: none"> ○ Bacterial Infections
	Fungal Infections	<ul style="list-style-type: none"> ○ Fungal Infections
	Mycobacterial Infections	<ul style="list-style-type: none"> ○ Mycobacterial Infections
	Viral Infections	<ul style="list-style-type: none"> ○ Viral Infections
	Sexually Transmitted Infections	<ul style="list-style-type: none"> ○ Sexually Transmitted Infections
	Papulosquamous Disorders	<ul style="list-style-type: none"> ○ Papulosquamous Disorders
Miscellaneous Disorders	<ul style="list-style-type: none"> ○ Miscellaneous Disorders ○ Skin Tumors 	

<p>18. Psychiatry</p>		<ul style="list-style-type: none">○ Organic Mental Disorders○ Personality Disorders○ Eating Disorders○ Sleep Disorders○ Sexual Disorders○ Basics of Psychiatry○ Schizophrenia Spectrum and Other Psychotic Disorders○ Mood Disorders○ Neurotic Stress-Related and Somatoform Disorders○ Substance Related and Addictive Disorders○ Organic Mental Disorders○ Personality Disorders○ Eating Disorders○ Sleep Disorders○ Sexual Disorders○ Child Psychiatry○ Psychoanalysis○ Mental Health Care Act 2017
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19. Orthopaedics	Bone and Imaging	<ul style="list-style-type: none"> ○ Bone Structure ○ Parathyroid- Hormone on Bone ○ Approach to Normal Limb X Rays in Orthopaedics
	Bone and Joint Infections	<ul style="list-style-type: none"> ○ Osteomyelitis ○ Chronic Osteomyelitis ○ Joint and Soft Tissue Infections
	Tuberculosis of Bone and Joints	<ul style="list-style-type: none"> ○ Tuberculosis of Bone and Joints
	Orthopaedics Oncology	<ul style="list-style-type: none"> ○ General Principles of Bone Tumors ○ Benign Bone Tumors ○ Malignant Bone Tumors
	Nerve Injuries	<ul style="list-style-type: none"> ○ Nerve Injuries I ○ Nerve Injuries II
	General + Upper Limb Traumatology	<ul style="list-style-type: none"> ○ Trauma General ○ Upper Limb- I ○ Upper Limb- II
	Spine + Pelvis + Lower Limb Traumatology	<ul style="list-style-type: none"> ○ Spine ○ Pelvis and Lower Limb ○ Fracture Management
	Arthritis	<ul style="list-style-type: none"> ○ Joint Disorders
	Metabolic Disorders	<ul style="list-style-type: none"> ○ Metabolic Disorders-I ○ Metabolic Disorders-II
	Sports Injury & NM Disorders	<ul style="list-style-type: none"> ○ Amputations and Sports Injury ○ Neuromuscular Disorders
	PediatricOrthopedics	<ul style="list-style-type: none"> ○ Pediatric Orthopaedics-I ○ Pediatric Orthopaedics-II

<p>20. Anaesthesia</p>		<ul style="list-style-type: none"> ○ History of Anaesthesia ○ Introduction of Anaesthesia ○ Pre-Anaesthetic Evaluation ○ Monitoring in Anaesthesia ○ Anesthesia Machine ○ Anaesthesia Circuit ○ Airway ○ Mechanical Ventilation ○ Inhalational Anaesthetic Agents Part-I ○ Inhalational Anaesthetic Agents Part-II ○ Intravenous Anaesthetic Agents ○ Opioids ○ Neuromuscular Blockers ○ Regional Anesthesia ○ Central Neuraxial Blockade ○ Perioperative Fluids ○ Post Anaesthesia Care Unit and Scoring ○ Oxygen Therapy ○ Cardiopulmonary Resuscitation ○ Brain Death
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NEET PG Eligibility Criteria

In order to be eligible to take the NEET PG exam, candidates must:

- Be a medical graduate from a recognized university
- Have completed their MBBS degree
- Have completed one year of internship by the time of the exam

- o Be registered with the Medical Council of India or any state medical council