THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY, CHENNAI

PHASE I MBBS 2024 - 2025 BATCH

WEEKLY PLANNER – SCHEDULE BOOKLET

INDEX

ACADEMIC CALENDAR

Academic calendar for admission batch 2024-2025												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Adm year										1 14 Oct	2	3
Phase 1 exam	4	5	6	7	8	9	10	11	12 Phase 1 exam. result	13 Phase 2 starts	14	15
Phase 2 exam	16	17	18	19	20	21	22	23	24 Phase 2 exam. result	25 Phase 3 part 1 starts	26	27
Phase 3 part I exam	28	29	30	31	32	33	34	35	36 Phase 3 Part 1 exam. result	37 Phase 3 part 2 starts	38	39
	40	41	42	43	44	45	46	47	48	49	50	51
Phase 3 part II exam	52	53	54 Proposed NExT step1	1 CRMI	2	3	4	5	6	7	8	9
Internship	10	11	12 Proposed NExT step2									

Legends:

CRMI-Compulsory rotating medical internship

Time allotted: 12 months (approx. 52 weeks)
Time available: Approx. **39 weeks** (excluding 13 weeks)
(Prelim/University Exam & Results - 9 weeks + Vacation - 2 weeks + Public Holidays -2 weeks)
39 wks x 39 hrs = 1521 hrs available hours for Teaching-Learning

DISTRIBUTION OF SUBJECT WISE TEACHING HOURS

Subject	Large group teaching	SGT/ Practical/ Tutorials/ Seminars	SDL	Total
Foundation Course				80
Anatomy	180	430	10	620
Physiology	130	305	10	445
Biochemistry *	82	157	10	249
Early Clinical Exposure (ECE)**	-	27	-	27
Community Medicine	20	20	-	40
Family adoption Program (FAP)	-	24	-	24
(AETCOM)***	-	26	-	26
Sports and extra-curricular Activities	-	-	-	10
Total	**412**	**989**	**30**	**1521**

SGT: Small group teaching, SDL: Self-directed learning
*Including Molecular Biology

**Minimum ECE hours. These hours are to be divided equally by anatomy, physiology & biochemistry.

***AETCOM module is a longitudinal programme.

PHASE – I ALIGNMENT

Suggested Phase-I Alignment Table (Anatomy, Physiology & Biochemistry) (Topics written here are indicative and can be adjusted if required)			
Month	**Anatomy**	**Physiology**	**Biochemistry**
1	-General Anatomy -Lower Limb (LL)	General Physiology, Blood	Cell membrane and organelles, extracellular matrix, Chemistry of carbohydrates, amino-acid & proteins, Lab Safety and Biomedical Waste Management and Chromatography (Demo)
2	-LL/UL -General Embryology & Histology	Blood, N-M	Plasma protein, immunoglobulins, Enzymes, Hemoglobin structure and Hemoglobinopathies, Electrophoresis (Demo), Heme synthesis, Porphyria's, Hemecatabolism, iron metabolism (mineral) Bilirubin formation, Jaundice, colorimetry (Demo)
3	UL -General Embryology & Histology	ANS, CVS	Clinical Enzymology, Chemistry of lipids, and lipoprotein metabolism, carbohydrate metabolism, vitamins, Estimation of Protein and albumin
4	-Abdomen -Related Systemic Embryology & Histology	GIT, Renal	Vitamins, Nutrition, Liver Function Tests, Renal Function Tests, acid-base balance and its disorders, water and electrolyte normal and abnormal analysis of urine(DOAP), Estimation of Urea, creatinine
5	-Abdomen,Pelvis -Related Systemic Embryology & Histology	GIT (contd.), Repro.	Metabolism of proteins and their metabolic disorders, Metabolism of carbohydrates and their metabolic disorders, Diabetes mellitus, Electron transport chain and oxidative phosphorylation, Xenobiotics, Estimation of Glucose.
6	-Thorax -Related systemic Embryology & Histology	Repro (contd.), RS	Metabolism of lipids (remaining) and disorders, Metabolism of proteins, minerals, vitamins, Reproductive Hormones, Prenatal screening, new born screening.
7	H & N–I -Related Systemic Embryology & Histology, Genetics	Endocrine (Neck region), CNS	Hormone Biochemistry; Tumour markers and, Thyroid Function Tests, Adrenal Function tests, Free radicals, and antioxidants
8	H & N–II -Related Systemic Embryology & Histology, Genetics	CNS contd , Special senses	Purine and pyrimidines metabolism, gout, purine salvage pathway, replication, DNA damage and repair mechanism, transcription, translation, post-translational modifications, protein synthesis inhibitors, genetic code, and mutations, estimation of uric acid
9	- Neuroanatomy -Related Systemic Embryology & Histology	CNS (Contd.) Integrated physiology	Molecular biology techniques and Miscellaneous.

AETCOM – PHASE I

AETCOM Phase 1		
Subject	**Paper**	**Module number**
Anatomy	Paper 1	1.5
	Paper 2	1.4 Foundations of communications
Physiology	Paper 1	1.2
	Paper 2	1.3
Biochemistry	Paper 1	1.1 • Enumerate and describe professional qualities and roles of a physician • Describe and discuss commitment to lifelong learning as an important part of physician growth
	Paper 2	1.1 • Describe and discuss the role of a physician in health care system • Identify and discuss physician's role and responsibility to society and the community that she/ he serves

TIME TABLE

DAY/TIME	MONDAY					TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY (16th Nov to Jan 25th) (May 24th – Aug 2nd)	SATURDAY (1st Feb – May 17th – 12 weeks)	
8 am – 9 am	Anatomy (LGT)					Anatomy (LGT)	Anatomy (LGT)	Anatomy (LGT)	Anatomy (LGT)	Anatomy (SGT)	Anatomy (SDL/ECE/SGT)	**8 am to 4 pm – FAP***
9 am – 10 am	Anatomy (LGT)					Anatomy (SGT)	Anatomy (SGT)	Anatomy (SGT)	Anatomy (SGT)	Anatomy (SGT)		
10 am – 11 am	Week 1 - Anatomy FA / SGT / AETCOM	Week 2 - Physiology FA / SGT	Week 3 - Biochemistry FA / SGT	Week 4 - Anatomy FA/ SGT / AETCOM	Week 5 – Anatomy SGT	Anatomy (SGT)	Anatomy (SGT)	Anatomy (SGT)	Anatomy (SGT)	Anatomy (SGT)		
11 am – 12 noon						Physiology (LGT)	Physiology (LGT)	Physiology (LGT)	Biochemistry (LGT)	Physiology (SGT)	Physiology / Biochemistry (SDL/ECE)	
12 noon – 1 pm						Community Medicine (LGT / SGT)	Biochemistry (LGT)	Physiology (SGT)	Physiology (LGT)	Anatomy (SGT)		
1 pm to 2 pm	LUNCH											
2 pm – 4 pm	Physiology (SGT)					Physiology / Biochemistry (SGT)	Physiology / Biochemistry (SGT)	Physiology / Biochemistry (SGT)	Physiology / Biochemistry (SGT)	1. Physiology – 5 weeks (AETCOM) 2. Biochemistry – 6 weeks (AETCOM/SGT) 3. Sports – Rest of the weeks	Physiology / Biochemistry (SDL/ECE)	

FA – Formative Assessment; LGT – Large Group Teaching; SGT – Small Group Teaching; SDL – Self-Directed Learning; ECE – Early Clinical Exposure

*Family Adoption Programme to be conducted in 3 batches A, B & C. One batch will go for FAP and other two batches will go to ANATOMY, PHYSIOLOGY and BIOCHEMISTRY for SDL & ECE

COLOUR CODING

	ANATOMY
	PHYSIOLOGY
	BIOCHEMISTRY
	COMMUNITY MEDICINE
	TOPICS WITH SIMILAR CONCEPTS IN DIFFERENT SUBJECTS ARE ALIGNED IN THE SAME DAY OR WEEK

WEEKLY PLANNER

14.10.2024 - 29.10.2024 - FOUNDATION COURSE
30.10.2024 & 2.11.2024 - MENTOR-MENTEE ORIENTATION PROGRAM

MONTH	NOVEMBER 2024						
WEEK	WEEK 4						
DATE	4	5	6	7	8	9	10
DAY	1st Mon	Tues	Wed	Thurs	Fri	Sat	Sun
8.00 - 9.00 am	**AN LGT 1 : Anatomical terminology** AN1.1 Describe & Demonstrate normal anatomical position, various planes, relation, comparison, laterality & movements in the human body	**AN LGT 3: Epithelium histology** AN 65.1 Identify epithelium under the microscope & describe the various types that correlate to its function AN 65.2 Describe the ultrastructure of epithelium	**AN LGT 4: General features of Joints** AN2.5 Describe & demonstrate various joints with its subtypes and examples AN2.6 Explain the concept of nerve supply of joints & Hilton's law	**AN LGT 5: General features of Muscle** AN 3.1 Classify & describe muscle tissue according to structure, size, shape, region & action AN 3.2 Describe parts of skeletal muscle and differentiate between tendons and aponeuroses with examples AN 3.3 Explain Shunt and spurt muscles with examples and role in joint movement	**AN LGT 6 : General features of the cardiovascular system** AN 5.1 Differentiate between blood vascular and lymphatic system AN 5.2 Differentiate between pulmonary and systemic circulation AN 5.3 Describe general differences between arteries, veins and sinuses AN 5.4 Explain functional and gross structural differences between elastic, muscular arteries and arterioles AN 5.5 Describe portal system giving examples AN 5.6 Describe the concept of anastomoses and collateral circulation, its different sites & significance of end arteries AN 5.7 Explain function of meta-arterioles, precapillary sphincters, arterio-venous anastomoses AN 5.8 Describe thrombosis, infarction & aneurysm	**AN LGT 8: Introduction to the nervous system** AN7.1 Describe general plan of nervous system with components of central, peripheral & autonomic nervous systems AN7.2 List components of nervous tissue and their functions AN7.3 Describe parts of a neuron and classify them based on number of neurites, size & function AN7.4 Describe structure of a typical spinal nerve AN7.5 Describe principles of sensory and motor innervation of muscles AN7.6 Describe concept of loss of innervation of a muscle with its applied anatomy AN7.7 Describe various types of synapse AN7.8 Describe differences between sympathetic and spinal ganglia	SUNDAY
9.00 -10.00 am	AN **AETCOM 1: 1.5 Lecture : Cadaver as a teacher + Cadaver Ethics** AN 82.1 Demonstrate respect, and follow the correct procedure when handling cadavers and other biologic tissue	**AN SGT : Epithelium histology (A & B BATCH)** AN 65.1 Identify epithelium under the microscope & describe the various types that correlate to its function AN 65.2 Describe the ultrastructure of epithelium **AN SGT: Demonstration of Sesamoid Bones & Cartilage (C & D BATCH)** AN2.3 Describe special features of a sesamoid bone AN2.4 Describe various types of cartilage with its structure & distribution in body	**AN SGT : Demonstration of Sesamoid Bones & Cartilage (A & B BATCH)** AN2.3 Describe special features of a sesamoid bone AN2.4 Describe various types of cartilage with its structure & distribution in body **AN SGT: Epithelium histology (C & D BATCH)** AN 65.1 Identify epithelium under the microscope & describe the various types that correlate to its function AN 65.2 Describe the ultrastructure of epithelium	**AN SGT: General features of Joints and Muscle** AN2.5 Describe & demonstrate various joints with its subtypes and examples AN2.6 Explain the concept of nerve supply of joints & Hilton's law AN 3.1 Classify & describe muscle tissue according to structure, size, shape, region & action AN 3.2 Describe parts of skeletal muscle and differentiate between tendons and aponeuroses with examples AN 3.3 Explain Shunt and spurt muscles with examples and role in joint movement AN 5.1 Differentiate between blood vascular and lymphatic system	**AN LGT 7: General Features of lymphatic system** AN6.1 Describe the components and functions of the lymphatic system AN6.2 Describe structure of lymph capillaries & mechanism of lymph circulation AN6.3 Explain the concept of lymphoedema and spread of tumors via lymphatics and venous system	**AN LGT 9 : General features of skin and fascia** AN4.1 Describe different types of skin dermatomes in body AN4.2 Describe & demonstrate structure of skin with its appendages along with clinical anatomy AN4.3 Describe structure, contents and identify modifications of superficial fascia along with fat distribution in body AN4.4 Describe & demonstrate modifications of deep fascia with its location, function & examples AN4.5 Explain principles of skin incisions and their surgical importance	
10.00 - 11.00 am	AN **AETCOM 2: 1.5 SGT : Cadaver Oath** AN 82.1 Demonstrate respect, and follow the correct procedure when handling cadavers and other biologic tissue				**AN SGT : Demonstration of Cardiovascular System and Lymphatic System** AN 5.2 Differentiate between pulmonary and systemic circulation AN 5.3 Describe general differences between arteries, veins and sinuses AN 5.4 Explain functional and gross structural differences between elastic, muscular arteries and arterioles AN 5.5 Describe portal system giving examples AN 5.6 Describe the concept of anastomoses and collateral circulation, its different sites & significance of end arteries AN 5.7 Explain function of meta-arterioles, precapillary sphincters, arterio-venous anastomoses AN 5.8 Describe thrombosis, infarction & aneurysm AN6.1 Describe the components and functions of the lymphatic system AN6.2 Describe structure of lymph capillaries & mechanism of lymph circulation AN6.3 Explain the concept of lymphoedema and spread of tumors via lymphatics and venous system	**AN SGT : Demonstration of Nervous System, Skin & Fascia** AN7.1 Describe general plan of nervous system with components of central, peripheral & autonomic nervous systems AN7.2 List components of nervous tissue and their functions AN7.3 Describe parts of a neuron and classify them based on number of neurites, size & function AN7.4 Describe structure of a typical spinal nerve AN7.5 Describe principles of sensory and motor innervation of muscles AN7.6 Describe concept of loss of innervation of a muscle with its applied anatomy AN7.7 Describe various types of synapse AN7.8 Describe differences between sympathetic and spinal ganglia AN4.1 Describe different types of skin dermatomes in body AN4.2 Describe & demonstrate structure of skin with its appendages along with clinical anatomy AN4.3 Describe structure, contents and identify modifications of superficial fascia along with fat distribution in body AN4.4 Describe & demonstrate modifications of deep fascia with its location, function & examples AN4.5 Explain principles of skin incisions and their surgical importance	
11.00-12.00 noon	**SGT : Demonstration of Anatomical terminology** AN1.1 Demonstrate normal anatomical position, various planes, relation, comparison, laterality & movements in the human body	**PY LGT GP PY 1.2** Discuss the principles of homeostasis and feedback mechanism -1	**PY LGT GP PY 1.5** Describe the fluid compartments of the body, its ionic composition and measurements - 2	**PY LGT GP PY 1.1** Describe the structure and functions of a cell, intercellular communications and their applications in clinical care and research Intercellular adhesions **PY 1.3** Describe apoptosis (programmed cell death) , explain its mechanism of action and physiological significance - 3	**BC 1.1** Transport mechanism	**PY SGT GP PY 1.4** Describe and discuss transport mechanisms across cell membranes	
12.00-1.00 pm	**AN LGT 2 : General features of bones** AN1.2 Describe composition of bone and bone marrow AN2.1 Describe parts, types, peculiarities of each type, bloodand nervesupply of bones. AN2.2 Describe the laws of ossification, epiphysis, its various types and their importance AN2.3 Describe special features of a sesamoid bone AN2.4 Describe various types of cartilage with its structure & distribution in body AN26.6 Explain the concept of bones that ossify in membrane	**CM 17.1** Define and describe the concept of health care to community	**BC 1.1** Structure & functions of the cell & sub-cellular organelles	**PY DOAP General Inst-Microscope** PY 2.11 Microscope, Chamber, Pipettes	**PY LGT GP PY 1.4** Describe and discuss transport mechanisms across cell membranes - 4	**SGT : Revision of Anatomical terminology** AN1.1 Demonstrate normal anatomical position, various planes, relation, comparison, laterality & movements in the human body	
1.00 - 2.00 pm	LUNCH						
2.00 - 4.00 pm	Introduction to Physiology	**PY SGT** and Departmental Mentor Mentee orientation A batch	**PY SGT** and Departmental Mentor Mentee orientation B batch	**PY DOAP Demo and Prac Microscope A batch** PY 2.11 Microscope, Chamber, Pipettes	**PY DOAP Demo and Prac Microscope B bacth** PY 2.11 Microscope, Chamber, Pipettes	**AETCOM** BIOCHEMISTRY	
	Introduction to Biochemistry	Introduction to biochemistry practical	Introduction to biochemistry practical	**BC 14.1** Good/safe lab practices	**BC 14.1** Good/safe lab practices		

MONTH	NOVEMBER 2024						
WEEK	WEEK 5						
DATE	11	12	13	14	15	16	17
DAY	2nd Mon	Tues	Wed	Thurs	Fri	Sat	Sun
8.00 - 9.00 am	**AN LGT 10 : Introduction to Lower Limb** AN20.3 Describe and demonstrate Fascia lata, Venous drainage, Lymphatic drainage, Retinacula & Dermatomes of lower limb AN20.4 Explain anatomical basis of enlarged inguinal lymph nodes	**AN LGT 11 : Connective tissue histology** AN 66.1 Describe & identify various types of connective tissue with functional correlation AN 66.2Describe the ultrastructure of connective tissue	**AN LGT 12: Introduction to embryology + Ovarian & Menstrual Cycle** AN76.1 Describe the stages of human life AN76.2 Explain the terms- phylogeny, ontogeny, trimester, viability AN77.1 Describe the uterine changes occurring during the menstrual cycle AN77.2 Describe the synchrony between the ovarian and menstrual cycles	**AN LGT 13 : Front of thigh** AN15.1 Describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels of anterior thigh AN15.2 Describe major muscles with their attachment, nerve supply and actions	**AN LGT 14: Femoral triangle & Adductor Canal** AN15.3 Describe boundaries, floor, roof and contents of femoral triangle AN15.4 Explain anatomical basis of Psoas abscess & Femoral hernia.AN15.5 Describe adductor canal with its contents AN20.4 Explain anatomical basis of enlarged inguinal lymph nodes		
9.00 -10.00 am	**AN SGT : Osteology of Lower Limb + Femur** AN14.1 Identify the given bones (Hip bone, Femur, Tibia, Fibula ,Patella & Tarsal bones) AN14.1 Identify the side, anatomical position, joint formation, important features and clinical anatomy of Femur AN14.2 Identify & describe joints formed by the Femur. AN14.3 Describe the importance of ossification of lower end of femur.	**AN SGT : Histology of connective tissue (A& B Batch)** AN 66.1 Describe & identify various types of connective tissue with functional correlation AN 66.2Describe the ultrastructure of connective tissue **AN SGT : Demonstration of Bony Landmarks + Osteology - Hip bone and Femur (C & D BATCH)** AN20.7 Identify & demonstrate important bony landmarks of lower limb: - Vertebral levels of highest point of iliac crest, posterior superior iliac spines, iliac tubercle, pubic tubercle, ischial tuberosity, adductor tubercle, -Tibial tuberosity, head of fibula, -Medial and lateral malleoli, Condyles of femur and tibia, sustentaculum tali, tuberosity of fifth metatarsal, tuberosity of the navicular AN14.1 Identify the given bone, its side, anatomical position, joint formation, important features and clinical anatomy.AN14.2 Identify & describe joints formed by the given bone.AN14.3 Describe the importance of ossification of lower end of femur.	**AN SGT : Demonstration of Bony Landmarks + Osteology - Hip bone and Femur (A & B BATCH)** AN20.7 Identify & demonstrate important bony landmarks of lower limb: - Vertebral levels of highest point of iliac crest, posterior superior iliac spines, iliac tubercle, pubic tubercle, ischial tuberosity, adductor tubercle, -Tibial tuberosity, head of fibula, -Medial and lateral malleoli, Condyles of femur and tibia, sustentaculum tali, tuberosity of fifth metatarsal, tuberosity of the navicular AN14.1 Identify the given bone, its side, anatomical position, joint formation, important features and clinical anatomy AN14.2 Identify & describe joints formed by the given bone.AN14.3 Describe the importance of ossification of lower end of femur **AN SGT : Histology of connective tissue (C & D BATCH) AN 66.1** Describe & identify various types of connective tissue with functional correlation AN 66.2 Describe the ultrastructure of connective tissue	**AN SGT : Front of thigh** AN15.1 Demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of anterior thigh AN15.2 Demonstrate major muscles with their attachment, nerve supply and actions	**AN SGT : Femoral triangle & Adductor Canal** AN15.3 Demonstrate boundaries, floor, roof and contents of femoral triangle AN15.4 Explain anatomical basis of Psoas abscess & Femoral hernia.AN15.5 Demonstrate adductor canal with its contents	**AN SGT : Medial Side of thigh** AN15.1 Demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of anterior thigh AN15.2 Demonstrate major muscles with their attachment, nerve supply and actions	SUNDAY
10.00 - 11.00 am	**PY LGT GP PY 1.7** Describe and discuss the molecular basis of RMP and AP in excitable tissue - 5						
11.00-12.00 noon	**PY TUT GP PY 1.7** Describe and discuss the molecular basis of RMP and AP in excitable tissue	**PY DOAP General Inst-RBC count and Hemoglobin level** PY 2.11 Estimation of RBC count / HB levels General Instructions	**PY SGT REVISION GENERAL PHYSIOLOGY**	**PY LGT Blood PY 2.3** Describe the physiological structure, synthesis, functions and breakdown of hemoglobin. Discuss its variants and clinical significance - 8	**BC 9.1** Anemia - Classification, features and management	**PY SEMINAR GENERAL PHYSIOLOGY**	
12.00-1.00 pm	**PY LGT Blood PY 2.1** Describe the composition and functions of blood and its components - 6	**CM 17.5** Describe health care delivery in India	**BC 3.1** Carbohydrates-Functions, Nomenclature, Classification, Monosaccharides , Glycome & Glycomics (LGT-1)	**PY DOAP General Inst - PY 2.11** Estimate RBC Indices, **PY 2.12** Describe the test to measure hemtocrit and interpret its findings	**PY LGT Blood PY 2.5** Describe anemias, polycythemia & jaundice and discuss its physiological principles of management - 9	**AN SGT : Osteology- Tibia** AN14.1 Identify the given bone, its side, anatomical position, joint formation, important features and clinical anatomy AN14.2 Identify & describe joints formed by the given bone. AN14.3 Describe the importance of ossification of upper end of tibia.	
1.00 - 2.00 pm	LUNCH						
2.00 - 4.00 pm	**PY LGT Blood PY 2.4** Describe erythropoiesis & discuss its regulation in physiological and pathological situations - 7	**PY DOAP Demo and Prac - RBC count/Hemoglobin** (A1 batch – RBC, A2 batch - HB & SGD of theory topics)	**PY DOAP Demo and Prac - RBC count/Hemoglobin** (B1 batch – RBC, B2 batch - HB & SGD of theory topics)	**PY DOAP Demo and Prac - RBC count/Hemoglobin** (A2 batch – RBC, A1 batch - HB & SGD of theory topics)	**PY DOAP Demo and Prac - RBC count/Hemoglobin** (B2 batch – RBC, B1 batch - HB & SGD of theory topics)	**AETCOM 1.2 What does it mean to a patient? Exploratory session**	
	PY SGT Blood PY 2.4 Describe erythropoiesis & discuss its regulation in physiological and pathological situations	**BC 1.1**- Composition and functions of biological membranes (fluid mosaic model), specialised membrane structure, cytoskeleton **BC 14.1**- biomedical waste and hazard management	**BC 1.1**- Composition and functions of biological membranes (fluid mosaic model), specialised membrane structure, cytoskeleton **BC 14.1**- biomedical waste and hazard management	**BC 1.1**- composition and functions of biological membranes (fluid mosaic model), specialised membrane structure, cytoskeleton **BC 14.1**- biomedical waste and hazard management	**BC 1.1**- composition and functions of biological membranes (fluid mosaic model), specialised membrane structure, cytoskeleton **BC14.1**- biomedical waste and hazard management		

MONTH	NOVEMBER 2024						
WEEK	WEEK 6						
DATE	18	19	20	21	22	23	24
DAY	3rd Mon	Tues	Wed	Thurs	Fri	Sat	Sun
8.00 - 9.00 am	**AN LGT 15 : Gluteal region** AN16.1 Describe major muscles with their attachment, nerve supply and actions. AN16.2 Describe structures under the cover of gluteus maximus. Also explain the anatomical basis of sciatic nerve injury during gluteal intramuscular injections AN16.3 Explain the anatomical basis of Trendelenburg sign	**AN LGT 16: Histology of Lymphoid tissue** AN 70.2 Identify the lymphoid tissue under the microscope & describe microanatomy of lymph node, spleen, thymus, tonsil and correlatethe structure with function	**AN LGT 17 : Gametogenesis** AN77.3 Describe spermatogenesis and oogenesis along with diagrams	**AN LGT 18: Back of Thigh & Popliteal Fossa** AN16.4 Describe the hamstrings group of muscles with their attachment, nerve supply and actions AN16.5 Describe the origin, course, relations, branches (or tributaries), termination of important nerves and vessels on the back of thigh AN16.6 Describe the boundaries, roof, floor, contents and relations of popliteal fossa with its clinical anatomy	AN **LGT 19: Anterior compartment of leg & dorsum of foot** AN18.1 Describe and demonstrate major muscles of anterior compartment of leg with their attachment, nerve supply and actions AN18.2 Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of anterior compartment of leg AN18.3 Explain the anatomical basis of foot drop	**AN LGT 20: Hip joint** AN17.1 Describe and demonstrate the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply, bursae around the hip joint AN17.2 Describe anatomical basis of complications of fracture neck of femur AN17.3 Describe dislocation of hip joint and surgical hip replacement	SUNDAY
9.00 -10.00 am	**AN SGT : Osteology - Fibula** AN14.1 Identify the given bone, its side, anatomical position, joint formation, important features and clinical anatomy AN14.2 Identify & describe joints formed by the given bone. AN14.3 Explain violation of law of ossification in fibula.	**AN SGT :Histology of Lymphoid tissue (A& B Batch)** AN 70.2 Identify the lymphoid tissue under the microscope & describe microanatomy of lymph node, spleen, thymus, tonsil and correlatethe structure with function **AN SGT : Dissection - Gluteal region (C & D BATCH)** AN16.1 Demonstrate major muscles with their attachment, nerve supply and actions. AN16.2 Demonstrate structures under the cover of gluteus maximus. Also explain the anatomical basis of sciatic nerve injury during gluteal intramuscular injections AN16.3 Explain the anatomical basis of Trendelenburg sign	**AN SGT : Dissection - Gluteal region (A & B BATCH)** AN16.1 Demonstrate major muscles with their attachment, nerve supply and actions. AN16.2 Demonstrate structures under the cover of gluteus maximus. Also explain the anatomical basis of sciatic nerve injury during gluteal intramuscular injections AN16.3 Explain the anatomical basis of Trendelenburg sign **AN SGT : Histology of Lymphoid tissue (C& D Batch)** AAN 70.2 Identify the lymphoid tissue under the microscope & describe microanatomy of lymph node, spleen, thymus, tonsil and correlatethe structure with function	**AN SGT: Back of Thigh & Popliteal Fossa** AN16.4 Demonstrate the hamstrings group of muscles with their attachment, nerve supply and actions AN16.5 Demonstrate the origin, course, relations, branches (or tributaries), termination of important nerves and vessels on the back of thigh AN16.6 Demonstrate the boundaries, roof, floor, contents and relations of popliteal fossa with its clinical anatomy	**AN SGT : Anterior compartment of leg & dorsum of foot** AN18.1 Demonstrate major muscles of anterior compartment of leg with their attachment, nerve supply and actions AN18.2 Demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of anterior compartment of leg AN18.3 Explain the anatomical basis of foot drop	**AN SGT : Hip joint** AN17.1 Describe and demonstrate the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply, bursae around the hip joint AN17.2 Describe anatomical basis of complications of fracture neck of femur AN17.3 Describe dislocation of hip joint and surgical hip replacement **Osteology - Patella + Revision of Femur & Hip Bone** AN14.1 Identify the given bone, its side, anatomical position, joint formation, important features and clinical anatomy AN14.2 Identify & describe joints formed by the given bone.AN14.3 Describe the importance of ossification of lower end of Femur	
10.00 - 11.00 am	**BC 3.1** Carbohydrates – Disaccharides, Polysaccharides- Homoglycans & Heteroglycans, Common sugar substitutes, Dietary fibre (LGT-2)						
11.00-12.00 noon	**BC 5.1-** Chemistry – Classification , Properties& General reactions of amino acids, Aminoacid derivatives of importance (LGT-3)	**PY LGT Blood PY 2.7** Describe immunity in terms of its types, development, regulation and physiological significance - 11	**PY TUT Blood PY 2.7** Cell mediated immunity & Humoral immunity	**PY LGT Blood PY 2.8** Describe the formation, structure, functions of platelets and variations - 12	**BC 5.2-** Structural organization of proteins-Secondary, Tertiary & Quaternary; Physical properties and precipitation reactions of proteins(LGT-5)	**PY SGT Blood PY 2.9** Describe mechanism of action of anticoagulants and briefly discuss pathophysiological aspects of bleeding & clotting disorders (e.g. hemophilia, purpura)	
12.00-1.00 pm	**BC 5.1-** Chemistry – REVISION- CELL, TRANSPORT MECHANISM	**CM 17.3** Describe primary health care, its components and principles	**BC 5.2-** Classification of proteins and structural organization of proteins-Primary structure(LGT-4)	**PY DOAP General Inst-Total Leucocyte Count and Bleeding time, Clotting time** PY 2.11 Estimation of TLC / BT, CT	**PY LGT Blood PY 2.9** Describe hemostasis, coagulation pathways, mechanism of action of anticoagulants and briefly discuss pathophysiological aspects of bleeding & clotting disorders (e.g. hemophilia, purpura) - 13	**AN SGT : Osteology - Revision of Tibia , Fibula & Patella** AN14.1 Identify the given bone, its side, anatomical position, joint formation, important features and clinical anatomy AN14.2 Identify & describe joints formed by the given bone.AN14.3 Describe the importance of ossification of upper end of tibia, and explain violation of law of ossification in fibula.	
1.00 - 2.00 pm	LUNCH						
2.00 - 4.00 pm	**PY LGT Blood PY 2.6** Describe the formation of WBC (Leucopoiesis), structure and function of various WBC types and their regulatory mechanisms - 10	**PY DOAP Revision -** RBC & HB and **Demo -** RBC indices & Hematocrit - A batch	**PY DOAP Revision -** RBC & HB and **Demo -** RBC indices & Hematocrit - B batch	**PY DOAP Demo and Prac - Total Leucocyte Count/BT,CT** (A1 batch – WBC, A2 batch – BT, CT and SGD of theory topics)	**PY DOAP Demo and Prac - Total Leucocyte Count/BT,CT** (B1 batch – WBC, B2 batch – BT, CT and SGD of theory topics)	AETCOM BIOCHEMISTRY	
	PY SGT Blood PY 2.6 Describe the formation of WBC (Leucopoiesis), structure and function of various WBC types and their regulatory mechanisms, reticuloendothelial system	**BC 6.1-** The functions and components of the extracellular matrix (ECM). (ECM). **Bc 6.2-** Discuss the involvement of ECM components in health and disease. **BC 14.2-** Describe estmation of pH by pH meter and interpretation of results.	**BC 6.1-** The functions and components of the extracellular matrix (ECM). **BC 6.2-** Discuss the involvement of ECM components in health and disease. **BC 14.2-** describe estmation of pH by pH meter and interpretation of results.	**BC 6.1-**The functions and components of the extracellular matrix (ECM). **BC 6.2-** Discuss the involvement of ECM components in health and disease. **BC 14.2-** Describe estmation of pH by pH meter and interpretation of results.	**BC 6.1-** The functions and components of the extracellular matrix (ecm). (ECM). **BC 6.2-** Discuss the involvement of ecm components in health and disease. **BC 14.2-** Describe estmation of pH by pH meter and interpretation of results.		

MONTH	NOVEMBER 2024						
WEEK	WEEK 7						
DATE	25	26	27	28	29	30	1
DAY	4th Mon	Tues	Wed	Thurs	Fri	Sat	Sun
8.00 - 9.00 am	**AN LGT 21: Knee Joint** AN18.4 Describe and demonstrate the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, nerve supply, bursae around the knee joint along with anastomosis around the knee joint AN18.5 Explain the anatomical basis of locking and unlocking of the knee joint AN18.6 Describe knee joint injuries with its applied anatomy AN18.7 Explain anatomical basis of Osteoarthritis	**AN LGT 23 : Histology Glands** AN 70.1 Identify exocrine gland under the microscope & distinguish between serous, mucous and mixed acini	**AN LGT 24 : Fertilization** AN77.4Describe the stages and consequences of fertilisation AN77.5Describe the anatomical principles underlying contraception AN77.6 Describe teratogenic influences: fertility and sterility, surrogate motherhood, social significance of "sex- ratio".	**AN LGT 25 : Arches of Foot** AN19.5 Describe factors maintaining importance arches of the foot with its importance AN19.6 Explain the anatomical basis of Flat foot & Club foot AN19.7 Explain the anatomical basis of Metatarsalgia &Plantar fasciitis	**AN LGT 27 : Ankle joint & Tibiofibular joint** AN20.1 Describe and demonstrate the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply of tibiofibular and ankle joint		SUNDAY
9.00 -10.00 am	**AN SGT : Knee Joint** AN18.4 Demonstrate the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, nerve supply, bursae around the knee joint along with anastomosis around the knee joint AN18.5 Explain the anatomical basis of locking and unlocking of the knee joint AN18.6 Describe knee joint injuries with its applied anatomy	**AN SGT : Histology Glands (A & B BATCH)** AN 70.1 Identify exocrine gland under the microscope & distinguish between serous, mucous and mixed acini **AN SGT : Back of Leg & Sole (C & D Batch)** AN19.1 Demonstrate the major muscles of back of leg with their attachment, nerve sups AN19.2 Demonstrate the origin, course, relations, branches (or tributaries), termination of important nerves and vessels of back of leg	**AN SGT : Back of Leg & Sole (A & B Batch)** AN19.1 Demonstrate the major muscles of back of leg with their attachment, nerve sups AN19.2 Demonstrate the origin, course, relations, branches (or tributaries), termination of important nerves and vessels of back of leg **AN SGT : Histology Glands (C & D BATCH)** AN 70.1 Identify exocrine gland under the microscope & distinguish between serous, mucous and mixed acini	**AN LGT 26 : Venous Drainage of Lower Limb** AN20.3 Describe and demonstrate Venous drainage and Lymphatic drainage AN20.5 Explain anatomical basis of varicose veins and deep vein thrombosis	**AN SGT : Ankle joint & Tibiofibular joint** AN20.1 Demonstrate the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply of tibiofibular and ankle joint	**AN SGT : Radiology & Surface Anatomy** AN20.6 Identify the bones and joints of lower limb seen in anteroposterior and lateral view radiographs of various regions of lower limb AN20.8 Identify & demonstrate palpation of femoral, popliteal, posterior tibial, anterior tibial & dorsalis pedis arteries in a simulated environment AN20.9 Demonstrate surface projection of: femoral, popliteal, dorsalis pedis, post tibial arteries, Mid inguinal point, femoral nerve, Saphenous opening, Sciatic, tibial, common peroneal & deep peroneal nerve, Great and small saphenous veins .	
10.00 - 11.00 am				**AN SGT : Venous Drainage and Lymphatic Drainage of Lower Limb** AN20.3 Describe and demonstrate Venous drainage and Lymphatic drainage AN20.5 Explain anatomical basis of varicose veins and deep vein thrombosis	**AN SGT : Subtalar and Transverse Talar joint** AN20.2 Describe the subtalar and transverse tarsal joints		
11.00-12.00 noon	**AN SGT : Osteology - Articulated Foo**t AN14.4 Identify and name various bones in the articulated foot with individual muscle attachment	**PY SGT REVISION BLOOD**	**PY SEMINAR BLOOD**	**PY DOAP General Inst-Differential Leucocyte Count & Blood Grouping** PY 2.11 Estimation of DLC / Blood grouping	**Bc 5.4** Plasma proteins, acute phase proteins	**PY LGT N&M PY 3.1** Describe the structure and functions of a neuron and neuroglia; Discuss nerve growth factors - 17	
12.00-1.00 pm	**AN LGT 22: Back of Leg & Sole** AN19.1 Describe the major muscles of back of leg with their attachment, nerve supply and actions AN19.2 Describe the origin, course, relations, branches (or tributaries), termination of important nerves and vessels of back of leg AN19.3 Explain the concept of "Peripheral heart" AN19.4 Explain the anatomical basis of rupture of calcaneal tendon	**CM17.2** Describe community diagnosis	**BC 5.2** Study of protein structure- Determining the primary structure and higher level of protein structure, Quantitative estimation of protein, proteomics(LGT-6)	**PY SEMINAR BLOOD**	**PY LGT Blood PY 2.2** Discuss origins, forms, variations and functions of plasma proteins and its clinical implications - 16	**AN SGT: Lower Limb Revision**	
1.00 - 2.00 pm	LUNCH						
2.00 - 4.00 pm	**PY LGT Blood PY 2.10** Discuss types of blood groups, clinical importance of blood grouping, blood banking and transfusion - 14	**PY DOAP Demo and Prac - Total Leucocyte Count/BT,CT** (A2 batch – WBC, A1 batch – BT, CT and SGD of theory topics)	**PY DOAP Demo and Prac - Total Leucocyte Count/BT,CT** (B2 batch – WBC, B1 batch – BT, CT and SGD of theory topics)	**PY DOAP Demo and Prac - Differential Leucocyte Count/Blood Grouping** (A1 batch – DLC A2 batch – BG and SGD of theory topics)	**PY DOAP Demo and Prac - Differential Leucocyte Count/Blood Grouping** (B1 batch – DLC B2 batch – BG and SGD of theory topics)	**AETCOM 1.2 What does it mean to a patient? Self Directed Learning**	
	PY LGT Blood PY 2.10 Discuss types of blood groups, clinical importance of blood grouping, blood banking and transfusion - 15	**BC14.18-** Observe use of commonly used techniques- paper chromatography of aminoacids	**BC14.18-** Observe use of commonly used techniques- paper chromatography of aminoacids	**BC14.18-** Observe use of commonly used techniques- paper chromatography of aminoacids	**BC14.18-** Observe use of commonly used techniques- paper chromatography of aminoacids		

MONTH	DECEMBER 2024						
WEEK	WEEK 8						
DATE	2	3	4	5	6	7	8
DAY	1st Mon	Tues	Wed	Thurs	Fri	Sat	Sun
8.00 - 9.00 am	SGT: ANATOMY INTERNAL ASSESSMENT THEORY (Lower limb, General anatomy & AETCOM)	**AN LGT 28 :Nervous tissue histology** AN68.1 Describe & Identify multipolar & unipolar neuron, ganglia, peripheral nerve under the microscope AN68.2 Describe the structure-function correlation of neuron AN68.3 Describe the ultrastructure of nervous tissue	**AN LGT 29: First Week of Development** AN78.1 Describe cleavage and formation of blastocyst AN78. 2Describe the development of trophoblast AN78.3 Describe the process of implantation & common abnormal sites of implantation	SGT : ANATOMY INTERNAL ASSESSMENT PRACTICALS - SPOTTERS / DISCUSSION / VIVA VOCE (Lower Limb)	SGT : ANATOMY INTERNAL ASSESSMENT PRACTICALS SPOTTERS / DISCUSSION / VIVA VOCE (Lower Limb)	**AN SGT : Introduction to upper limb osteology** AN8.1 Identify the bones of Upper limb (clavicle, scapula,humerus,radius, ulna, carpal bones) **Surface landmarks** AN13.6 Identify & demonstrate important bony landmarks of upper limb: Jugular notch, sternal angle, acromial angle, spine of the scapula, vertebral level of the medial end and Inferior angle of the scapula	SUNDAY
9.00 -10.00 am						**AN SGT : Osteology of Clavicle** AN8.1 Identify the given bone, its side, anatomical position, joint formation, important features and clinical anatomy AN8.2 Demonstrate important muscle attachments on the given bone	
10.00 - 11.00 am		**AN SGT :Nervous tissue histology (A,B Batch)** AN68.1 Describe & Identify multipolar & unipolar neuron, ganglia, peripheral nerve under the microscope **AN SGT : Lower Limb Revision -** Gross, Osteology & Surface Anatomy Revision **(C & D BATCH)**	**AN SGT : Lower Limb Revision -** Gross, Osteology & Surface Anatomy Revision **(A & B BATCH)** **AN SGT :Nervous tissue histology (C,D Batch)** AN68.1 Describe & Identify multipolar & unipolar neuron, ganglia, peripheral nerve under the microscope			**AN SGT : Osteology of Scapula** AN8.1 Identify the given bone, its side, anatomical position, joint formation, important features and clinical anatomy AN8.2 Demonstrate important muscle attachments on the given bone	
11.00-12.00 noon	**AN SGT : OSCE -Clinical Anatomy** AN 15.4, 16.2, 16.3, 16.6, 17.2,17.3, 18.3, 18.6,18.7,19.4,19.6,19.7,20.4 &20.5	**PY LGT N&M PY 3.3** Classify nerve injury and discuss the mechanism of degeneration and regeneration in peripheral nerves - 19	**PY LGT N&M PY 3.4** Describe the microscopic structure of neuro-muscular junction and mechanism of neuromuscular transmission - 20	**PY DOAP General Inst-Reticulocyte & Platelet count** PY 2.13 Describe steps for reticulocyte and platelet count	**BC 5.9-** HB– Hemoglobinopathies(LGT-8)	**PY INTEGRATED MODULE 1 ANEMIA CASE BASED DISCUSSION - 21**	
12.00-1.00 pm	**AN SGT : Osteology & Radiology Revision**	**CM 1.1** Define and describe the concept of Public Health	**BC 5.8, 5.9-** Structure & types of HB, Function of HB & Myoglobin, Transport of oxygen and CO2 by hemoglobin, Hemoglobin derivatives(LGT-7)	**PY DOAP Genral Inst-Erythrocyte Sedimentation Rate & Osmotic fragility** PY 2.12 Describe the test to measure ESR, Osmotic fragility and interpret its findings	**PY SGT N&M PY 3.5** Discuss the applied aspects of neuromuscular junction: myasthenia gravis, Lambert Eaton syndrome and neuromuscular blocking agents	**SGT : Osteology of Humerus** AN8.1 Identify the given bone, its side, anatomical position, joint formation, important features and clinical anatomy AN8.2 Demonstrate important muscle attachments on the given bone	
1.00 - 2.00 pm	LUNCH						
2.00 - 4.00 pm	**PY LGT N&M PY 3.2** Describe the types, functions, properties of nerve fibers including strength duration curve, chronaxie and rheobase - 18	**PY DOAP Demo and Prac - Differential Leucocyte Count/Blood Grouping** (A2 batch – DLC A1 batch – BG and SGD of theory topics)	**PY DOAP Demo and Prac - Differential Leucocyte Count/Blood Grouping** (B2 batch – DLC B1 batch – BG and SGD of theory topics)	**PY DOAP A1 batch: Revision -** Differential Leucocyte Count and **Demo -** Reticulocyte & Platelet count **A2 batch: Revision -** Blood grouping and **Demo -** Erythrocyte Sedimentation Rate (ESR), Osmotic fragility	**PY DOAP B1 batch: Revision -** Differential Leucocyte Count and **Demo -** Reticulocyte & Platelet count **B2 batch: Revision -** Blood grouping and **Demo -** Erythrocyte Sedimentation Rate (ESR), Osmotic fragility	**AETCOM BIOCHEMISTRY**	
	PY SGT CHARTS DISCUSSION - General Physiology & Blood	**BC14.18-** Observe use of commonly used techniques- Protein electrphoresis,**BC 5.4-** normal and abnormal electrophoretic pattern of serum proteins,	**BC14.18-** Observe use of commonly used techniques- Protein electrphoresis,**BC 5.4** normal and abnormal electrophoretic pattern of serum proteins,	**BC14.18-** Observe use of commonly used techniques- Protein electrphoresis,**BC 5.4-** normal and abnormal electrophoretic pattern of serum proteins,	**BC14.18-** Observe use of commonly used techniques- Protein electrphoresis,**BcC5.4-** normal and abnormal electrophoretic pattern of serum proteins,		

MONTH	DECEMBER 2024						
WEEK	WEEK 9						
DATE	9	10	11	12	13	14	15
DAY	2nd Mon	Tues	Wed	Thurs	Fri	Sat	Sun
8.00 - 9.00 am	**AN LGT 30:General features of upper limb &Pectoral region** AN13.1Describe and explain Fascia of upper limb and compartments, veins of upper limb and its lymphatic drainage AN13.2 Describe dermatomes of upper limb AN9.1Describe attachment, nerve supply & action of pectoralis major and pectoralis minor and describe clavipectoral fascia	**AN LGT 31 : Muscle Histology** AN67.1 Describe & identify various types of muscle under the microscopeAN67.2 Classify muscleand describe the structure-function correlation of the same AN67.3 Describe the ultrastructure of muscular tissue	**AN LGT 32 : Second week of development** AN78.4 Describe the formation of extra-embryonic mesoderm and coelom, bilaminar disc and prochordal plate AN78.5 Describe abortion, decidual reaction, pregnancy test	**AN LGT 33 : Mammary gland** AN9.2Describe the location, extent, deep relations, structure, blood supply, lymphatic drainage, microanatomy and applied anatomy of breast AN9.3Describe development of breast, associated age changes and congenital anomalies	**AN LGT 34 : Axilla** AN10.1Identify & describe boundaries and contents of axilla AN10.2Identify, describe and demonstrate the origin, extent, course, parts, relations and branches of axillary artery & tributaries of axillary vein AN10.4 Describe the anatomical groups of axillary lymph nodes and specify their areas of drainage AN10.7 Describe axillary lymph nodes, areas of drainage and anatomical basis of their enlargement	SECOND SATURDAY	SUNDAY
9.00 -10.00 am	**SGT : Osteology of Humerus (REVISION)** AN8.1 Identify the given bone, its side, anatomical position, joint formation, important features and clinical anatomy AN8.2 Demonstrate important muscle attachments on the given bone	**AN SGT : Muscle Histology (A& B BATCH)** AN67.1 Describe & identify various types of muscle under the microscope **AN SGT : General features of upper limb & Pectoral region (C& D BATCH)** AN9.1 Describe attachment, nerve supply & action of pectoralis major and pectoralis minor and describe clavipectoral fascia AN13.1Describe and explain Fascia of upper limb and compartments, veins of upper limb and its lymphatic drainage	**AN SGT : General features of upper limb & Pectoral region (A & B BATCH)** AN9.1 Describe attachment, nerve supply & action of pectoralis major and pectoralis minor and describe clavipectoral fascia AN13.1Describe and explain Fascia of upper limb and compartments, veins of upper limb and its lymphatic drainage **AN SGT : Muscle Histology (C & D BATCH)** AN67.1 Describe & identify various types of muscle under the microscope	**AN SGT: Mammary gland** AN9.2 Describe the location, extent, deep relations, structure, blood supply, lymphatic drainageof mammary gland	**AN SGT : Axilla** AN10.1Identify boundaries and contents of axilla AN10.2Identify, and demonstrate the origin, extent, course, parts, relations and branches of axillary artery & tributaries of axillary vein AN10.4 Describe the anatomical groups of axillary lymph nodes and specify their areas of drainage		
10.00 - 11.00 am							
11.00-12.00 noon	**PY INTERNAL ASSESSMENT GENERAL PHYSIOLOGY AND BLOOD**	**PY LGT N&M PY 3.6** Describe different types of muscle fibres, their structure and physiological basis of action potential - 22	**PY LGT N&M PY 3.7** Describe action potential and molecular basis of muscle contraction in skeletal muscle - 23	**PY SGT N&M PY 3.7** Describe action potential and molecular basis of muscle contraction in skeletal muscle	**BC 5.8-** Heme catabolism and Hyperbilirubinemias, Jaundice, Associated laboratory investigation(LGT-10)		
12.00-1.00 pm		**CM 1.2** Define health; describe the concept of holistic health including concept of spiritual health and the relativeness & determinants of health	**BC 5.8-** Heme synthesis and Porphyria(LGT-9)	**PY DOAP General Inst-Ergography** PY 3.11 Perform Ergography and calculate the work done by a skeletal muscle	**PY DOAP PY 3.12** Observe with Computer assisted learning – Amphibian nerve-muscle experiments		
1.00 - 2.00 pm	LUNCH						
2.00 - 4.00 pm	**PY IA VIVA GENERAL PHYSIOLOGY AND BLOOD**	**PY DOAP A2 batch: Revision -** Differential Leucocyte Count and **Demo -** Reticulocyte & Platelet count **A1 batch: Revision -** Blood grouping and **Demo -** Erythrocyte Sedimentation Rate (ESR), Osmotic fragility **BC 5.5-**The structure, functions and disorders of immunoglobulins with brief description of cellular and humoral immunity.. **BC 14.3-** Ddescribe the physical properties, chemical constituents of normal urine (organic constituents)	**PY DOAP B2 batch: Revision -** Differential Leucocyte Count and **Demo -** Reticulocyte & Platelet count **B1 batch: Revision -** Blood grouping and **Demo -** Erythrocyte Sedimentation Rate (ESR), Osmotic fragility **BC 5.5-** The structure, functions and disorders of immunoglobulins with brief description of cellular and humoral immunity.. **BC 14.3-** Describe the physical properties, chemical constituents of normal urine (organic constituents)	**PY DOAP Demo and Prac - Ergography A batch** PY 3.11 Perform Ergography and calculate the work done by a skeletal muscle A batch **BC 5.5-** The structure, functions and disorders of immunoglobulins with brief description of cellular and humoral immunity.. **BC 14.3-** Describe the physical properties, chemical constituents of normal urine (organic constituents)	**PY DOAP Demo and Prac - Ergography B batch** PY 3.11 Perform Ergography and calculate the work done by a skeletal muscle B batch **BC 5.5-** The structure, functions and disorders of immunoglobulins with brief description of cellular and humoral immunity.. **BC 14.3-** Describe the physical properties, chemical constituents of normal urine (organic constituents)		

MONTH	DECEMBER 2024						
WEEK	WEEK 10						
DATE	16	17	18	19	20	21	22
DAY	3rd Mon	Tues	Wed	Thurs	Fri	Sat	Sun
8.00 - 9.00 am	**AN LGT 35 : Brachial plexus** AN10.3Describe the formation, branches, relations, area of supply of branches, course and relations of terminal branches of brachial plexus AN10.5Explain variations in formation of brachial plexus AN10.6 Explain the anatomical basis of clinical features of Erb's palsy and Klumpke's paralysis	**AN LGT 36:Histology of cartilage** AN 71.2 Describe & Identify cartilage under the microscope & describe various types and structure- function correlation of the same	**AN LGT 37 : Third to eighth week of development-Part I** AN79.1Describe the formation & fate of the primitive streak AN79.2Describe formation & fate of notochord AN79.3Describe the process of neurulation	**AN LGT 38 : Scapular region** AN10.8 Describe, the position, attachment, nerve supply and actions of trapezius and latissimus dorsi AN10.9 Describe the arterial anastomosis around the scapula and mention the boundaries of triangle of auscultation AN10.11 Describe attachment, action and clinical anatomy of serratus anterior muscle	**AN LGT 39 : Shoulder region** AN10.10 Describe deltoid and rotator cuff muscles along with their nerve supply and clinical anatomy AN10.13 Explain anatomical basis of Injury to axillary nerve during intramuscular injections	**AN LGT 40 : Shoulder joint** AN10.12 Describe shoulder joint for– type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements, muscles involved, blood supply, nerve supply and applied anatomy AN13.4 Describe Sternoclavicular joint, Acromioclavicular joint,	SUNDAY
9.00 -10.00 am	**AN SGT: Revision Osteology** : Scapula, clavicle & humerus	**AN SGT :Histology of cartilage (A&B BATCH)** AN 71.2 Identify cartilage under the microscope & describe various types and structure- function correlation of the same	**AN SGT : Brachial plexus (A& B BATCH)** AN10.1Identify & describe boundaries and contents of axilla AN10.2Identify, describe and demonstrate the origin, extent, course, parts, relations and branches of axillary artery & tributaries of axillary vein AN10.3 Identify and demonstrate formation, branches, relations, area of supply of branches, course and relations of terminal branches of brachial plexus AN10.5Explain variations in formation of brachial plexus. AN10.6 Explain the anatomical basis of clinical features of Erb's palsy and Klumpke's paralysis	**AN SGT : Scapular region** AN10.8 identify and demonstrate the position, attachment, nerve supply and actions of trapezius and latissimus dorsi AN10.9 Describe the arterial anastomosis around the scapula and mention the boundaries of triangle of auscultation AN10.11 Describe & demonstrate attachment, action and clinical anatomy of serratus anterior muscle			
10.00 - 11.00 am	**BC INTERNAL ASSESSMENT 1 Cell; Subcellular organelles, plasma membrane & transport mechanisms; Chemistry of Carbohydrates.**	**AN SGT : Brachial plexus (C&D BATCH)** AN10.1Identify & describe boundaries and contents of axilla AN10.2Identify, describe and demonstrate the origin, extent, course, parts, relations and branches of axillary artery & tributaries of axillary vein AN10.3 Identify and demonstrate formation, branches, relations, area of supply of branches, course and relations of terminal branches of brachial plexus AN10.5Explain variations in formation of brachial plexus.AN10.6 Explain the anatomical basis of clinical features of Erb's palsy and Klumpke's paralysis	**AN SGT :Histology of cartilage (C &D BATCH)** AN 71.2 Identify cartilage under the microscope & describe various types and structure- function correlation of the same		**AN SGT : Shoulder region** AN10.10 identify the deltoid and rotator cuff muscles along with their nerve supply and clinical anatomy AN10.13 Explain anatomical basis of Injury to axillary nerve during intramuscular injections	**AN SGT : Shoulder joint** AN10.12 Demonstrate shoulder joint for– type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements, muscles involved, blood supply, nerve supply and applied anatomy	
11.00-12.00 noon		**PY LGT N&M PY 3.8** Describe properties, action potential and molecular basis of contraction in smooth muscle - 26	**PY SGT N&M PY 3.8** Describe properties, action potential and molecular basis of contraction in smooth muscle	**PY LGT CNS PY 10.2 D**escribe the functional anatomy of peripheral nervous system including autonomic nervous system - 27	**BC 9.1**- Anemia- Classification, Clinical manifestation, Lab investigations and treatment- Iron deficiency anamia and Hemolytic anaemia (LGT-12)	**PY SEMINAR NERVE AND MUSCLE PHYSIOLOGY**	
12.00-1.00 pm		**CM 1.3** Describe the characteristics of agent, host and environmental factors in health and disease and the multi factorial etiology of disease disease	**BC 9.1**- The dietary sources, absorption , factors influencing the absorption, regulation of absorption, transport and metabolism, biochemical functions of IRON (LGT-11)	**PY SGT REVISION NERVE AND MUSCLE PHYSIOLOGY**	**PY SGT CHARTS DISCUSSION NERVE AND MUSCLE PHYSIOLOGY**	**AN SGT : Osteology of ulna** AN8.1Identify the given bone, its side, anatomical position, joint formation, important features and clinical anatomy AN8.2Demonstrate important muscle attachments on the given bone	
1.00 - 2.00 pm	**LUNCH**						
2.00 - 4.00 pm	**PY LGT N&M PY 3.7, 3.9** Describe properties of skeletal muscle, mode of muscle contraction (isometric and isotonic), energy source, muscle metabolism and gradation of muscular activity - 24	**PY DOAP Revision/Certification -** Hematology & Ergography A batch	**PY DOAP Revision/Certification -** Hematology & Ergography B batch	**PY DOAP Revision/Certification -** Hematology & Ergography A batch	**PY DOAP Revision/Certification -** Hematology & Ergography B batch	**AETCOM 1.2 What does it mean to a patient?** Discussion & Closure of case & Assessment	
	PY LGT N&M PY 3.7, 3.9 Describe properties of skeletal muscle, mode of muscle contraction (isometric and isotonic), energy source, muscle metabolism and gradation of muscular activity **PY 3.10** Enumerate and briefly discuss myopathies -25	**BC14.18-** Autoanalyser, TLC, PAGE, ELISA, Immunodiffusion **BC 14.3-** Describe the physical properties, chemical constituents of normal urine (Inorganic constituents)	**BC14.18-** Aautoanalyser, TLC, PAGE, ELISA, Immunodiffusion **BC 14.3-** Describe the physical properties, chemical constituents of normal urine (Inorganic constituents)	**BC14.18**- Aautoanalyser, TLC, PAGE, ELISA, Immunodiffusion **BC 14.3**- Describe the physical properties, chemical constituents of normal urine (Inorganic constituents)	**BC14.18**- Autoanalyser, TLC, PAGE, ELISA, Immunodiffusion **BC 14.3**- Describe the physical properties, chemical constituents of normal urine (Inorganic constituents)		

MONTH	DECEMBER 2024						
WEEK	WEEK 11						
DATE	23	24	25	26	27	28	29
DAY	4th Mon	Tues	Wed	Thurs	Fri	Sat	Sun
8.00 - 9.00 am	VACATION		CHRISTMAS	VACATION			SUNDAY
9.00 -10.00 am	VACATION			VACATION			
10.00 - 11.00 am							
11.00-12.00 noon							
12.00-1.00 pm							
1.00 - 2.00 pm							
2.00 - 4.00 pm							

MONTH	JANUARY 2025						
WEEK	WEEK 12						
DATE	30	31	1	2	3	4	5
DAY	5th Mon	Tues	Wed	Thurs	Fri	Sat	Sun
8.00 - 9.00 am	VACATION			**AN LGT 41** : **Front & Back of Arm** AN11.1Describe and demonstrate muscle groups of upper arm with emphasis on biceps brachii and triceps brachii AN11.2 Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels in arm AN 11.4 Describe the anatomical basis of Saturday night paralysis	**AN LGT 42: Histology of Bone** AN 71.1 Identify bone under the microscope; classify various types and describe the structure-function correlation of the same	**AN LGT 43: Cubital fossa** AN11.5Identify & describe boundaries and contents of cubital fossa AN11.3Describe the anatomical basis of Venipuncture of cubital veins. AN11.6 Describe the anastomosis around the elbow joint	SUNDAY
9.00 -10.00 am				**AN SGT**: **Front & Back of Arm** AN11.1Describe and demonstrate muscle groups of upper arm with emphasis on biceps brachii and triceps brachii AN11.2Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels in arm AN 11.4 Describe the anatomical basis of Saturday night paralysis	**AN SGT :Histology of Bone (A & B Batch)** AN 71.1 Identify bone under the microscope; classify various types and describe the structure-function correlation of the sameAN **SGT : Osteology of Radius & ulna (C &D BATCH)** AN8.1Identify the given bone, its side, anatomical position, joint formation, important features and clinical anatomy AN8.2Demonstrate important muscle attachments on the given bone	**AN SGT : Osteology of Radius & ulna (A&B BATCH)** AN8.1Identify the given bone, its side, anatomical position, joint formation, important features and clinical anatomy AN8.2Demonstrate important muscle attachments on the given bone **AN SGT :Histology of Bone (C&D BATCH)** AN 71.1 Identify bone under the microscope; classify various types and describe the structure-function correlation of the same	
10.00 - 11.00 am							
11.00-12.00 noon				**PY INTERNAL ASSESSMENT NERVE AND MUSCLE PHYSIOLOGY**	**BC 2.1, BC 2.2-** Enzymes -Characteristics of enzyme, Classification of enzymes-IUBMBB system of classification, Cofactor (coenzyme & metalloenzymes) , Active site of enzyme, Thermodynamic considerations, & Mode of action of enzymes(LGT-13)	**PY LGT CVS PY 5.2** Describe the properties of cardiac muscle including its morphology, electrical, mechanical and metabolic functions - 29	
12.00-1.00 pm					**PY LGT CVS Demonstration of external amd internal features of heart BY ANATOMY FOLLOWED BY PY 5.1** Describe the functional anatomy of heart including chambers PY 5.2 Describe the properties of cardiac muscle including its morphology, electrical, mechanical and metabolic functions - 28	**SGT 89: Cubital fossa** AN11.5Identify & describe boundaries and contents of cubital fossa AN11.3Describe the anatomical basis of Venipuncture of cubital veins.	
1.00 - 2.00 pm				LUNCH			
2.00 - 4.00 pm				**PY VIVA -** Nerve & Muscle **and DOAP Revision -** Hematology A batch	**PY VIVA -** Nerve & Muscle **and DOAP Revision -** Hematology B batch	**AETCOM 1.3 PY The doctor-patient relationship Large group session - 1 hr, SDL - 1 hr**	
				BC 14.20- Describe & Identify Pre-Analytical (especially order of draw, tourniquet technique), Analytical, Post Analytical errors.**BC 14.21**-Describe Quality control and identify basic L J charts in Clinical biochemistry lab.	**BC 14.20**- Describe & Identify Pre-Analytical (especially order of draw, tourniquet technique), Analytical, Post Analytical errors.**BC 14.21**-Describe Quality control and identify basic L J charts in Clinical biochemistry lab.		

MONTH	JANUARY 2025						
WEEK	WEEK 13						
DATE	6	7	8	9	10	11	12
DAY	1st Mon	Tues	Wed	Thurs	Fri	Sat	Sun
8.00 - 9.00 am	**AN LGT 44 : Front of forearm** AN12.1 Describe and demonstrate important muscle groups of ventral forearm with attachments, nerve supply and actions AN12.2 Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels of forearm AN12.3 Identify & describe flexor retinaculum with its attachments AN12.4 Explain anatomical basis of carpal tunnel syndrome	**AN LGT 46 : Histology of Integumentary system** AN 72.1 Identify the skin and its appendages under the microscope and correlate the structure with function	**AN LGT 47 : Third to eighth week of development-Part II** AN79.4 Describe the development of somites and intra-embryonic coelom AN79.5 Explain embryological basis of congenital malformations, nucleus pulposus, sacrococcygeal teratomas, neural tube defects AN79.6 Describe the diagnosis of pregnancy in first trimester and role of teratogens, alpha-fetoprotein	**AN LGT 48 : Muscles of hand** AN12.5 Describe small muscles of hand	**AN LGT 49: Vessels & nerves of hand** AN12.7 Describe course and branches of important blood vessels and nerves in hand. AN12.8 Describe anatomical basis of Claw hand	SECOND SATURDAY	SUNDAY
9.00 -10.00 am	**AN SGT : Osteology revision: Radius & Ulna** AN8.1Identify the given bone, its side, anatomical position, joint formation, important features and clinical anatomy AN8.2Demonstrate important muscle attachments on the given bone	**AN SGT :Histology of Integumentary system (A&B BATCH)** AN 72.1 Identify the skin and its appendages under the microscope and correlate the structure with function AN **SGT : Osteology of articulated hand /Elbow & radio ulnar joints (C & D Batch)** AN8.3 Identify and name various bones in articulated hand, Specify the parts of metacarpals and phalanges and enumerate the peculiarities of pisiform AN8.4 Describe scaphoid fracture and explain the anatomical basis of avascular necrosis LGT: Elbow & radio ulnar joints AN13.3 Identify & describe the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements, blood and nerve supply of elbow joint, proximal and distal radio-ulnar joints	**AN SGT: Osteology of articulated hand /Elbow & radio ulnar joints (A&BBatch)** AN8.3 Identify and name various bones in articulated hand, Specify the parts of metacarpals and phalanges and enumerate the peculiarities of pisiform AN8.4 Describe scaphoid fracture and explain the anatomical basis of avascular necrosis **SGT :Histology of Integumentary system (C &D BATCH)** AN 71.1 Identify bone under the microscope; classify various types and describe the structure-function correlation of the same	**AN SGT : Hand-I** AN12.5 Identify & describe small muscles of hand. Also describe movements of thumb and muscles involved. AN12.6 Describe & demonstrate movements of thumb and muscles involved	**AN SGT : Vessels & nerves of hand** AN12. 7 Identify & describe course and branches of important blood vessels and nerves in hand. AN12.8 Describe anatomical basis of Claw hand		
10.00 - 11.00 am	**AN SGT : Front of forearm** AN12.1 Describe and demonstrate important muscle groups of ventral forearm with attachments, nerve supply and actions AN12.2 Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels of forearm AN12.3 Identify & describe flexor retinaculum with its attachments AN12.4 Explain anatomical basis of carpal tunnel syndrome						
11.00-12.00 noon		**PY LGT CVS PY 5.4** Discuss the physiological events occurring during the cardiac cycle, concurrent pressure volume changes, generation of heart sounds and murmur - 31	**PY SGT CVS PY 5.4** Discuss the physiological events occurring during the cardiac cycle, concurrent pressure volume changes, generation of heart sounds and murmur	**PY LGT CVS PY 5.5** Describe the physiology of electrocardiogram, the cardiac axis and its applications - 32	**BC 2.3**- ENZYME III- Enzyme Inhibition and role of enzymes or drugs as inhibitors, and enzymes as therapeutic agents. (LGT-15)		
12.00-1.00 pm	**LGT 45: Elbow & radio ulnar joints** AN13.3 Identify & describe the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements, blood and nerve supply of elbow joint, proximal and distal radio-ulnar joints	**CM 1.4** Describe and discuss the natural history of disease	**BC 2.2**- Enzyme-II - Enzymes kinetics,Specificity of enzymes, Factors affecting enzyme activity(LGT-14)	**PY SGT CVS PY 5.6** Discuss physiological variations in ECG waveforms, abnormal waveforms and intervals, arrhythmias, heart blocks and myocardial infarction	**PY LGT CVS PY 5.7** Discuss hemodynamics of circulatory system - 33		
1.00 - 2.00 pm	LUNCH						
2.00 - 4.00 pm	**PY LGT CVS PY 5.3** Describe generation and conduction of cardiac impulse along with the conduction pathway (including pacemaker potential) - 30	**PY PART COMPLETION TEST 1 PRATICAL HEMATOLOGY A1 batch**	**PY PART COMPLETION TEST 1 PRATICAL HEMATOLOGY B1 batch**	**PY PART COMPLETION TEST 1 PRATICAL HEMATOLOGY A2 batch**	**PY PART COMPLETION TEST 1 PRATICAL HEMATOLOGY B2 batch**		
	PY DOAP PY 3.12 Observe with Computer assisted learning – Amphibian cardiac experiments	**BC 14.4**- Identify abnormal constituents in urine, interpret the findings and correlate these with pathological states and prepare a urine report.	**BC 14.4**- Identify abnormal constituents in urine, interpret the findings and correlate these with pathological states and prepare a urine report.	**BC 14.4**- Identify abnormal constituents in urine, interpret the findings and correlate these with pathological states and prepare a urine report.	**BC 14.4**- Identify abnormal constituents in urine, interpret the findings and correlate these with pathological states and prepare a urine report.		

MONTH	JANUARY 2025						
WEEK	WEEK 14						
DATE	13	14	15	16	17	18	19
DAY	2nd Mon	Tues	Wed	Thurs	Fri	Sat	Sun
8.00 - 9.00 am	**AN SGT** :Mentor mentee meeting/osteology revision: Radius & ulna	PONGAL	THIRUVALLUVAR DAY	UZHAVAR THIRUNAL	**AN LGT 50 : Fascial spaces of palm** AN12.9 Identify & describe fibrous flexor sheaths, ulnar bursa, radial bursa and digital synovial sheaths AN 12.10 Explain infection of fascial spaces of palm	**AN LGT 53 : Back of forearm** AN12.11Identify, describe and demonstrate important muscle groups of dorsal forearm with attachments, nerve supply and actions AN12.12Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels of back of forearm	SUNDAY
9.00 -10.00 am					**AN LGT 51 : Fetal membranes** AN80.1 Describe formation, functions & fate of chorion, amnion, yolk sac, allantois & decidua AN80.3 Describe formation of placenta, its physiological functions, foetomaternal circulation & placental barrier AN80.5 Describe role of placental hormones in uterine growth & parturition		
10.00 - 11.00 am	**PY SGT REVISION CVS**				**AN LGT 52 : Twinning & Umbilical cord** AN80.4 Describe embryological basis of twinning in monozygotic & dizygotic AN80.2Describe formation & structure of umbilical cord AN80.7 Describe various types of umbilical cord attachments	**AN SGT : Back of forearm** AN12.11Identify, describe and demonstrate important muscle groups of dorsal forearm with attachments, nerve supply and actions AN12.12Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels of back of forearm 12.13	
11.00-12.00 noon					**BC 2.3**- ENZYME IV- Bc 2.3- Regulation of enzyme action (LGT-16)	**PY LGT CVS PY 5.11** Describe blood pressure, factors affecting blood pressure and its regulation, **PY 5.8** Describe and discuss local and systemic cardiovascular regulatory mechanisms - 35	
12.00-1.00 pm					**PY LGT CVS PY 5.10** Describe cardiac output, factors affecting cardiac output and its regulation - 34	**SGT 104: Back of forearm** AN12.11Identify, describe and demonstrate important muscle groups of dorsal forearm with attachments, nerve supply and actions AN12.12Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels of back of forearm	
1.00 - 2.00 pm							
2.00 - 4.00 pm	Mentor Mentee meeting & Feedback session for Hematology Practical (PCT-1)				**PY SGT CVS WHOLE BATCH 2-3 pm PY 5.10** Describe cardiac output, factors affecting cardiac output and its regulation **BC WHOLE BATCH 3-4 pm BC 13.5**- Describe the role of Artificial Intelligence in clinical Biochemistry laboratory practices.	**AETCOM 1.3 The doctor-patient relationship Interactive sessions, Discussion and closure, Assessment**	

MONTH	JANUARY 2025						
WEEK	WEEK 15						
DATE	20	21	22	23	24	25	26
DAY	3rd Mon	Tues	Wed	Thurs	Fri	Sat	Sun
8.00 - 9.00 am	**AN LGT 54: Dorsum of hand** AN12.14 Describe compartments deep to extensor retinaculum and describe the boundaries and contents of anatomical snuff box. AN12.15 Describe extensor expansion formation	**AN LGT 55 : Histology of Blood Vessels** AN69.1 Identify elastic & muscular blood vessels, capillaries under the microscope AN69.2 Describe the various types and structure-function correlation of blood vessel AN69.3 Describe the ultrastructure of blood vessels	**AN LGT 56: Prenatal diagnosis** AN81.1 Describe various invasive & non-invasive methods of prenatal diagnosis AN81.2 Describe indications, process and disadvantages of amniocentesis AN81.3 Describe indications, process and disadvantages of chorion villus biopsy AN80.6Explain embryological basis of estimation of fetal age	**AN LGT 57 : Wrist joint ,first & other carpometacarpal joints & metacarpophalyngeal joints** AN13.3 Identify & describe the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements, blood and nerve supply of wrist joint & first carpometacarpal joint AN13.4 Carpometacarpal joints Metacarpophalangealjoint	**AN SGT : OSCE -Clinical Anatomy/Revision for PCT-1** AN 8.4, 9.2, 10.6,10.10,10.11,10.12, 10.13, 11.3, 11.4, 12.4, 12.8, 12.13	**AN LGT 58: Development of Limbs** AN13.8 Describe development of upper limb AN20.10 Describe basic concept of development of lower limb	SUNDAY
9.00 -10.00 am	**AN SGT : Revision: Osteology of articulated hand**	**AN SGT : Histology of Blood Vessels (A&B Batch)** **AN6**9.1 Identify elastic & muscular blood vessels, capillaries under the microscope AN **SGT :Dorsum of hand (C&D Batch)** AN12.14 Identify & describe compartments deep to extensor retinaculum and describe the boundaries and contents of anatomical snuff box. AN12.15 Identify & describe extensor expansion formation	**AN SGT :Dorsum of hand (A&B Batch)** AN12.14 Identify & describe compartments deep to extensor retinaculum and describe the boundaries and contents of anatomical snuff box. AN12.15 Identify & describe extensor expansion formation **AN SGT: Histology of Blood Vessels (C&D Batch)** AN69.1 Identify elastic & muscular blood vessels, capillaries under the microscope	**AN SGT: Wrist joint ,first & other carpometacarpal joints & metacarpophalyngeal joints /Revision for PCT-1** AN13.3 Identify & describe the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements, blood and nerve supply of wrist joint & first carpometacarpal joint AN13.4 Carpometacarpal joints Metacarpophalangealjoint	**AN SGT : Surface marking & Radiology /Revision for PCT-1** AN13.7 Identify & demonstrate surface projection of Cephalic and basilic vein, Palpation of Brachial artery, Radial artery, Testing of muscles: Trapezius, pectoralis major, serratus anterior, latissimus dorsi, deltoid, biceps brachii, Brachioradialis AN13.5 Identify the bones and joints of upper limb seen in anteroposterior and lateral view radiographs of shoulder region, arm, elbow, forearm and hand	**AN SGT:Radial nerve** AN11.2 Describe origin, course, relations, branches (or tributaries), termination of important nerves in arm AN12.2 Describe origin, course, relations, branches , termination of important nerves of forearm AN12.12Describe origin, course, relations, branches , termination of important nerves of back of forearm AN11.4 Describe the anatomical basis of Saturday night paralysis AN12.13Describe the anatomical basis of Wrist drop	
10.00 - 11.00 am						**AN SGT :Median nerve** AN11.2 Describe origin, course, relations, branches (or tributaries), termination of important nerves in arm AN12.2 Describe origin, course, relations, branches , termination of important nerves of forearm AN12.7 Describe course and branches of important nerves in hand AN12.4 Explain anatomical basis of carpal tunnel syndrome AN12.8 Describe anatomical basis of Claw hand	
11.00-12.00 noon	**BC INTERNAL ASSESSMENT 2 Protein chemistry ; Plasma proteins; strcture of Hb & hemoglobinopathies; Heme catbolism ; Jaundice & Porphyrias ; Iron metabolism and anaemia**	**PY DOAP General Inst-General examination PY 12.9** Obtain history and perform general examination in the volunteer/simulated environment	**PY LGT CVS PY 5.12** Describe & discuss microcirculation, capillary and lymphatic circulation - 37	**PY LGT CVS PY 5.9** Describe heart rate, factors affecting heart rate and its regulation - 38	**BC 4.1**-Chemistry of lipids- Functions of lipids, Classification of fatty acids, Properties of fatty acids, Trans fatty acids (LGT-18)	**PY LGT CVS PY 5.12** Describe and discuss cerebral circulation - 40	
12.00-1.00 pm		**CM 1.6** Describe and discuss the concepts, the principles of Health promotion and Education, IEC and Behavioral change communication (BCC)	**BC 2.4, BC 2.5-** Enzyme V- Isoenzymes, Alloenzyme & Clinical enzymology (Enzymes as markers of pathological conditions, Enzyme based assays & Therapeutic enzymes, Enzyme engineering drug designing)(LGT-17)	**PY DOAP General Inst-Cardiovascular System Examination PY 5.16** Obtain relevant history and conduct general and clinical examination of cardiovascular system in a normal volunteer or simulated environment	**PY LGT CVS PY 5.1** Describe and discuss the coronary circulation - 39	**AN SGT : Ulnar nerve** AN11.2 Describe origin, course, relations, branches (or tributaries), termination of important nerves in arm AN12.2 Describe origin, course, relations, branches , termination of important nerves of forearm AN12.7 Dscribe course and branches of important nerves in hand AN12.8 Describe anatomical basis of Claw hand	
1.00 - 2.00 pm	**LUNCH**						
2.00 - 4.00 pm	**PY SGT CVS PY 5.11** Describe blood pressure, factors affecting blood pressure and its regulation, **PY 5.8** Describe and discuss local and systemic cardiovascular regulatory mechanisms	**PY DOAP Demo and Practical - General Examination A batch** **PY 12.9** Obtain history and perform general examination in the volunteer/simulated environment	**PY DOAP Demo and Practical - General Examination B batch** **PY 12.9** Obtain history and perform general examination in the volunteer/simulated environment	**PY DOAP Demo and Practical - CVS examination A batch PY 5.16** Obtain relevant history and conduct general and clinical examination of cardiovascular system in a normal volunteer or simulated environment	**PY DOAP Demo and Practical - CVS examination B batch PY 5.16** Obtain relevant history and conduct general and clinical examination of cardiovascular system in a normal volunteer or simulated environment	**PY SGT REVISION CARDIOVASCULAR PHYSIOLOGY**	
	PY INTEGRATED MODULE 2 HYPERTENSION CASE BASED DISCUSSION - 36	**BC 14.4-** Identify abnormal constituents in urine, interpret the findings and correlate these with pathological states and prepare a urine report.	**BC 14.4-** Identify abnormal constituents in urine, interpret the findings and correlate these with pathological states and prepare a urine report.	**BC 14.4-** Identify abnormal constituents in urine, interpret the findings and correlate these with pathological states and prepare a urine report.	**BC 14.4-** Identify abnormal constituents in urine, interpret the findings and correlate these with pathological states and prepare a urine report.		

MONTH	JANUARY 2025						
WEEK	WEEK 16						
DATE	27	28	29	30	31	1	2
DAY	4th Mon	Tues	Wed	Thurs	Fri	Sat	Sun
8.00 - 9.00 am	**ANATOMY PART COMPLETION TEST 1 - THEORY** (General Anatomy, General Histology, General Embryology, Lower Limb & Upper Limb)	**ANATOMY PART COMPLETION TEST 1 - PRACTICALS SPOTTERS/ DISCUSSION / VIVA VOCE** (General Histology, Lower Limb & Upper Limb)	**ANATOMY PART COMPLETION TEST 1 - PRACTICALS SPOTTERS/ DISCUSSION / VIVA VOCE** (General Histology, Lower Limb & Upper Limb)	**AN LGT 59 : Anterior abdominal wall** AN 44.1 Describe & Demonstrate the Planes (transpyloric, transtubercular, subcostal, lateral vertical, linea alba, linea semilunaris), regions & Quadrants of abdomen. AN 44.2. Describe & identify the Fascia, nerves & blood vessels of anterior abdominal wall AN 52.4 Describe the development of anterior abdominal wall.	**AN LGT 60 : Rectus sheath** AN44.2Describe & identify the Fascia, nerves & blood vessels of anterior abdominal wall AN44.3 Describe the formation of rectus sheath and its contents AN44.6Describe & demonstrate attachments of muscles of anterior abdominal wall AN44.7Describe common abdominal incisions with example and their clinical importance	**FAP A BATCH**	SUNDAY
9.00 -10.00 am				**AN SGT : Osteology: Articulated pelvis** AN53.1 Identify & hold the bone in the anatomical position, Describe the salient features, articulations & demonstrate the attachments of muscle groups AN53.2 Demonstrate the anatomical position of bony pelvis & show boundaries of pelvic inlet, pelvic cavity, pelvic outlet AN53.3Define true pelvis and false pelvis and demonstrate sex determination in male & female bony pelvis	**AN SGT :Rectus sheath** AN44.2Describe & identify the Fascia, nerves & blood vessels of anterior abdominal wall AN44.3 Describe the formation of rectus sheath and its contents AN44.6Describe & demonstrate attachments of muscles of anterior abdominal wall	**ANAT: SDL B Batch ECE C batch**	
10.00 - 11.00 am				**AN SGT: Anterior abdominal wall** AN 44.1 Demonstrate the Planes (transpyloric, transtubercular, subcostal, lateral vertical, linea alba, linea semilunaris), regions & Quadrants of abdomen. AN 44.2. Describe & identify the Fascia, nerves & blood vessels of anterior abdominal wall.			
11.00-12.00 noon	**AN SGT: Revision for PCT 1**	**PY DOAP General Inst-Pulse examination PY 5.14** Record pulse at rest in a volunteer	**PY SGT CVS PY 5.12** Describe and discuss cutaneous, fetal and splanchnic circulation	**PY SGT CHARTS DISCUSSION CARDIOVASCULAR PHYSIOLOGY**	**BC 4.2** -Digestion and absorbtion of lipids, Abnormalities in absorption of lipids (LGT-20)	**PY SDL/ECE - B & C batch**	
12.00-1.00 pm		**CM 1.7** Enumerate and describe health indicators	**BC 4.1**- Chemistry of lipids- Classification of lipids, Simple lipids, Properties of TAG, Functions, Compound lipids, Lipidomics (LGT-19)	**PY LGT GIT PY 4.1** Describe the functional anatomy of digestive system **PY 4.10** Describe the Gut-Brain axis and its physiological significance - 42	**PY LGT GIT PY 4.3** Describe the composition, mechanism of secretion, functions and regulation of saliva - 43		
1.00 - 2.00 pm	**LUNCH**						
2.00 - 4.00 pm	**PY LGT CVS PY 5.13** Describe the patho-physiology of shock, syncope and heart failure with physiological basis of its management - 41	**PY DOAP Demo and Prac - Pulse A batch PY 5.14** Record pulse at rest in a volunteer	**PY DOAP Demo and Prac - Pulse B batch PY 5.14** Record pulse at rest in a volunteer	**PY DOAP Revision -** CVS examination and Pulse A batch	**PY DOAP Revision -** CVS examination and Pulse B batch	**BC SDL/ECE B & C batch**	
	PY SGT CVS PY 5.13 Describe the patho-physiology of shock, syncope and heart failure with physiological basis of its management	**BC 14.4**- Identify abnormal constituents in urine, interpret the findings and correlate these with pathological states and prepare a urine report. **BC 4.1, BC 4.6**- Derived and complex lipids, eicosanoids and it's metabolism, related disorders	**BC 14.4**- Identify abnormal constituents in urine, interpret the findings and correlate these with pathological states and prepare a urine report. (protein and hemoglobin)**BC 4.1,BC 4.6**- derived and complex lipids, eicosanoids and it's metabolism, related disorders	**BC 14.4**- Identify abnormal constituents in urine, interpret the findings and correlate these with pathological states and prepare a urine report. (protein and hemoglobin) **BC 4.1,BC 4.6**- Derived and complex lipids, eicosanoids and it's metabolism, related disorders	**BC 14.4**- Identify abnormal constituents in urine, interpret the findings and correlate these with pathological states and prepare a urine report. (protein and hemoglobin)**BC4.1, BC 4.6**- derived and complex lipids, eicosanoids and it's metabolism, related disorders		

MONTH	FEBRUARY 2025						
WEEK	WEEK 17						
DATE	3	4	5	6	7	8	9
DAY	1st Mon	Tues	Wed	Thurs	Fri	Sat	Sun
8.00 - 9.00 am	**AN LGT 61 : Inguinal canal** AN 44.4 Describe & demonstrate extent, boundaries, contents of Inguinal canal including Hesselbach's triangle. AN 44.5 Explain the anatomical basis of inguinal hernia"	**AN LGT 62 : Abdominal Cavity I** AN47.1 Describe & demonstrate horizontal and vertical tracing of peritoneum. AN47.2 Name & identify various peritoneal folds & pouches with its explanation. AN47.3 Explain anatomical basis of Ascites & Peritonitis	**AN LGT 64 : Stomach & coeliac trunk** AN 47.5 Describe Stomach under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) AN47.6 Explain the anatomical basis of Different types of vagotomy,& Lymphatic spread in carcinoma stomach AN47.9 Describe & identify the origin, course, important relations and branches of Coeliac trunk	**AN LGT 65 Histo - GIT I (Oesophagus and stomach)** AN 52.1 Describe & Identify the microanatomical features of GIT: Oesophagus, Fundus of stomach, Pylorus of stomach AN 52.3 Describe & Identify the microanatomical features of cardio esophageal junction	**AN LGT 66: Embryo: Development of Foregut** AN52.6 Describe the development and congenital anomalies of Foregut	SECOND SATURDAY	SUNDAY
9.00 -10.00 am	**AN SGT : Inguinal canal** AN 44.4- Demonstrate extent, boundaries, contents of Inguinal canal including Hesselbach's triangle.	**AN LGT 63: Abdominal Cavity II** AN47.1 Describe boundaries and recesses of Lesser & Greater sac. AN47.4 Explain anatomical basis of Subphrenic abscess	**AN SGT : Stomach & coeliac trunk** AN 47.5 Describe Stomach under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) AN47.6 Explain the anatomical basis of Different types of vagotomy,& Lymphatic spread in carcinoma stomach AN47.9 Describe & identify the origin, course, important relations and branches of Coeliac trunk	**AN SGT : Histo - Oesophagus and stomach (A& B Batch)** AN 52.1 Identify the microanatomical features of GIT: Oesophagus, Fundus of stomach, Pylorus of stomach AN 52.3 Describe & Identify the microanatomical features of cardio esophageal junction **AN SGT Spleen (C&D Batch)** AN 47.5 Describe Spleen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) AN47.6 Explain the anatomical basis of Splenic notch, Accessory spleens,Kehr's sign	**AN SGT Spleen (A&B Batch)** AN 47.5 Describe Spleen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) AN47.6 Explain the anatomical basis of Splenic notch, Accessory spleens,Kehr's sign **AN SGT : Histo - Oesophagus and stomach (C& D Batch)** AN 52.1 Identify the microanatomical features of GIT: Oesophagus, Fundus of stomach, Pylorus of stomach AN 52.3 Describe & Identify the microanatomical features of cardio esophageal junction		
10.00 - 11.00 am		**AN SGT : Abdominal Cavity** AN47.2 Name & identify various peritoneal folds & pouches with its explanation. AN47.1 Describe & demonstrate horizontal and vertical tracing of peritoneum & boundaries and recesses of Lesser & Greater sac					
11.00-12.00 noon	**AN SGT : Male external genitalia** AN46.1Describe & demonstrate coverings, internal structure, side determination, blood supply, nerve supply, lymphatic drainage & descent of testis with its applied anatomy AN46.2 Describe parts of Epididymis AN46.3 Describe Penis under following headings: (parts, components, blood supply and lymphatic drainage) AN46.4 Explain the anatomical basis of Varicocele AN46.5 Explain the anatomical basis of Phimosis & Circumcision	**PY DOAP General Inst-Blood Pressure Normal recording** **PY 5.14** Record blood pressure in a volunteer - General instructions	**PY LGT GIT PY 4.4** Describe the composition, mechanism of secretion, functions and regulation of gastric juice - 44	**PY SGT GIT PY 4.4, 4.11** Discuss various gastric function tests. Gastroesophageal reflux disease, Peptic ulcer	**BC 4.4** Describe cholesterol metabolism along with its regulation and clinical significance. (LGT-22)		
12.00-1.00 pm		**CM 1.8** Describe the Demographic profile of India and discuss its impact on health	**BC 4.3** Describe and discuss the fatty acid oxidation along with their clinical significance.(LGT-21)	**PY LGT GIT PY 4.8, 4.11** Describe Mastication, deglutition, vomiting - 45	**PY LGT GIT PY 4.8** Describe gastric motility **PY 4.8, 4.11** Describe small intestinal motility, Adynamic ileus - 46		
1.00 - 2.00 pm	LUNCH						
2.00 - 4.00 pm	**PY SEMINAR CARDIOVASCULAR SYSTEM**	**PY DOAP Demo and Prac - BP normal recording A batch** **PY 5.14** Record blood pressure in a volunteer	**PY DOAP Demo and Prac - BP Normal recording B batch PY 5.14** Record blood pressure in a volunteer	**PY INTEGRATED MODULE 3 ISCHEMIC HEART DISEASE CASE BASED DISCUSSION A batch**	**PY INTEGRATED MODULE 3 ISCHEMIC HEART DISEASE CASE BASED DISCUSSION B batch**		
		BC 4.4, fatty acid biosynthesis & related inherited disorders, PCT-1	**BC 4.4**, fatty acid biosynthesis & related inherited disorders, PCT-1	**BC4.4**, fatty acid biosynthesis & related inherited disorders, PCT-1	**BC 4.4**, fatty acid biosynthesis & related inherited disorders, PCT-1		

MONTH	FEBRUARY 2025						
WEEK	WEEK 18						
DATE	10	11	12	13	14	15	16
DAY	2nd Mon	Tues	Wed	Thurs	Fri	Sat	Sun
8.00 - 9.00 am	**AN LGT 67 Liver** AN 47.5 Describe Liver under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects). AN47.6 Explain the anatomical basis of Liver biopsy (site of needle puncture),	THAI POOSAM	**AN LGT 69 :Histo GIT III (liver, gall bladder, pancreas)** AN52.1 Describe & identify the microanatomical features of Liver, Gall bladder, Pancreas	**AN LGT 70: Porto caval anastamosis** AN47.8 Describe & identify the formation, course relations and tributaries of Portal vein AN47.10 Describe sites of portosystemic anastomosis, describe its applied anatomy andanatomical correlations AN47.11 Explain the anatomic basis of hematemesis& caput medusae in portal hypertension	**AN LGT 71 - Pancreas** AN 47.5 Describe Pancreas under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)	FAP B BATCH	SUNDAY
9.00 -10.00 am	**AN LGT 68 Extra hepatic biliary Apparatus** AN 47.5, Describe Extrahepatic billiary apparatus under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects). AN47.6 Explain the anatomical basis of Referred pain in cholecystitis, Obstructive jaundice, AN47.7 Demonstrate boundaries of Calot's triangle and mention its clinical importance		**AN SGT : Histo -GIT-II (Liver,gall bladder & pancreas) (A& B Batch)** AN52.1 Describe & identify the microanatomical features of Liver, Gall bladder, Pancreas **AN SGT Liver & Extra hepatic biliary Apparatus (C&D Batch)** AN 47.5, Describe Liver & Extrahepatic billiary apparatus under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects).	**AN SGT Liver & Extra hepatic biliary Apparatus (A&B Batch)** AN 47.5, Describe Liver & Extrahepatic billiary apparatus under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects). **AN SGT : Histo -GIT-II (Liver,gall bladder & pancreas) (C& D Batch)** AN52.1 Describe & identify the microanatomical features of Liver, Gall bladder, Pancreas	**AN SGT - Pancreas** AN 47.5 Describe Pancreas under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)	ANAT SDL C Batch ECE A batch	
10.00 - 11.00 am							
11.00-12.00 noon	**PART COMPLETION TEST I THEORY (General Physiology, Blood, Nerve & Muscle Physiology, Cardiovascular Physiology INCLUDING ANS)**		**PY LGT GIT PY 4.8, 4.11** Describe large intestinal movements, Defecation reflex, Dietary fibres, diarrhoea, constipation, Hirschsprung's disease - 47	**PY LGT GIT PY 4.9** Describe the structure, functions and secretion of liver and gallbladder with elaboration of liver function tests - 48	**BC** Liver function tests (LGT-24)		
12.00-1.00 pm			**BC 4.4, BC 4.7- D**escribe the metabolism of TAG , Fatty liver and Lipotrophic factors (LGT-23)	**PY SGT GIT PY 4.9** Describe the structure, functions and secretion of liver and gallbladder with elaboration of liver function tests	**PY LGT GIT PY 4.5** Describe the composition, mechanism of secretion, functions and regulation of pancreatic juice including various pancreatic exocrine function tests - 49	BC SDL/ECE - A & C batch	
1.00 - 2.00 pm			LUNCH				
2.00 - 4.00 pm	PY PART COMPLETION TEST I THEORY VIVA		**DOAP WHOLE BATCH (2-3 pm) General Inst - Blood Pressure: Posture & Exercise PY 5.14** Record blood pressure in different grades of exercise and postures in a volunteer	**PY DOAP Demo and Prac - BP: Posture & Exercise A batch PY 5.14** Record blood pressure in different grades of exercise and postures in a volunteer	**PY DOAP Demo and Prac - BP: Posture & Exercise B batch PY 5.14** Record blood pressure in different grades of exercise and postures in a volunteer	PY SDL/ECE - A & C batch	
			WHOLE BATCH (3-4 pm) BC 14.6 Describe the principles of Colorimetry & Spectrophotometry. **BC 4.7**- Metabolism of adipose tissue, obesity	**BC 14.6** Describe the principles of Colorimetry & Spectrophotometry. **BC 4.7**- Metabolism of adipose tissue, obesity	**BC 14.6** Describe the principles of Colorimetry & Spectrophotometry. **BC 4.7**- Metabolism of adipose tissue, obesity		

MONTH	FEBRUARY 2025						
WEEK	WEEK 19						
DATE	17	18	19	20	21	22	23
DAY	3rd Mon	Tues	Wed	Thurs	Fri	Sat	Sun
8.00 - 9.00 am	**AN LGT 72- Duodenum** AN 47.5 Describe Duodenum under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)	**AN LGT 73 Histo: GIT II-Small & large intestines** AN 52.1 Describe & identify the microanatomical features of GIT: Duodenum, jejunum, ileum,Large intestine, Appendix	**AN LGT 74: Embryo Development of Midgut** AN52.6 Describe the development and congenital anomalies of Midgut	**AN LGT 75: Superior & inferior mesenteric arteries, Caecum, Appendix,** AN47.9 Describe & identify the origin, course, important relations and branches of Superior mesenteric & Inferior mesenteric arteries AN 47.5 Describe & Demonstrate caecum & appendix under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) AN47.6 Explain the anatomical basis of Referred pain around umbilicus	**AN LGT 76 : Embryo Development of Hindgut** AN52.6 Describe the development and congenital anomalies of Hindgut	FAP C BATCH	SUNDAY
9.00 -10.00 am	**AN SGT: Duodenum** AN 47.5 Demonstrate Duodenum under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)	**AN SGT:Histo: GIT II-Small & large intestines (A & B Batch)** AN 52.1 Describe & identify the microanatomical features of GIT: Duodenum, jejunum, ileum,Large intestine, Appendix	**AN SGT: Duodenum (A&B Batch)** AN 47.5 Demonstrate Duodenum under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)	**AN SGT: jejunum,illeum, ,Mesentery, Superior & inferior mesenteric arteries** AN47.9 Describe & identify the origin, course, important relations and branches of Superior mesenteric & Inferior mesenteric arteries AN 47.5 Describe & Demonstrate small intestines under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)	**AN SGT: colon,caecum, appendix ,Mesentry, Superior & inferior mesenteric arteries** AN47.9 Describe & identify the origin, course, important relations and branches of Superior mesenteric & Inferior mesenteric arteries AN 47.5 Describe & Demonstrate small & large intestines under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) AN47.6 Explain the anatomical basis of Referred pain around umbilicus		**ANAT: SDL A Batch ECE B batch**
10.00 - 11.00 am	**BC PART COMPLETION TEST 1 THEORY Enzymes and Clinical Enzymology; chemistry of Lipids ; Fatty acid oxidation ; cholesterol & TAG , Fatty liver and Lipotrophic factors ; Liver function tests (LGT-24)**						
11.00-12.00 noon		**PY LGT GIT PY 4.7** Describe the physiology of digestion and absorption of nutrients - 51	**PY LGT GIT PY 4.7** Describe the physiology of digestion and absorption of nutrients - 52	**PY SGT REVISION / CLINICAL CHARTS DISCUSSION GASTROINTESTINAL PHYSIOLOGY**	**BC 4.5-** Metabolism of HDL., Dyslipoproteinemias, Atherosclerosis- Risk factors, Lab investigations, Prevention and hypolipidemic drugs (LGT-26)		**PY SDL/ECE - A & B batch**
12.00-1.00 pm		**CM 4.1** Describe various methods of health education with their advantages and limitations CM4.2 Describe the methods of organizing health promotion and education and counselling activities at individual family and community settings	**BC4.5-** Classification , Separation & Characteristics of lipoproteins; metabolism of chylomicrons,VLDL& LDL (LGT-25)	**PY LGT Renal PY 7.1** Describe the functional anatomy of kidney, renal circulation and non-excretory functions of kidney - 53	**PY LGT Renal PY 7.2** Describe the structure and functions of juxtaglomerular apparatus and role of renin-angiotensin system - 54		
1.00 - 2.00 pm	LUNCH						
2.00 - 4.00 pm	**PY LGT GIT PY 4.6** Describe the composition, mechanism of secretion, functions and regulation of intestinal juices - 50	**PY DOAP Demo and Prac - ECG A batch PY 5.15** Record and interpret normal ECG in a volunteer	**PY DOAP Demo and Prac - ECG B batch PY 5.15** Record and interpret normal ECG in a volunteer	**PY DOAP Revision** ECG RECORDING and BP-Normal recoridng & Posture, Exercise A batch	**PY DOAP Revision** ECG RECORDING and BP-Normal recoridng & Posture, Exercise B batch		**BC SDL/ECE - A & B batch**
	PY SGT GIT PY 4.2 Enumerate various gastrointestinal hormones, discuss their functions and regulation	**BC 4.4-** Formation and functions of bile acids, entero hepatic circulation and bile and it's function **BC-14.7-** Perform estimation of glucose and interpretation of results with clinical scenarios.	**BC 4.4-** Formation and functions of bile acids, entero hepatic circulation and bile and it's function **BC-14.7-** Perform estimation of glucose and interpretation of results with clinical scenarios.	**BC 4.4-** Formation and functions of bile acids, entero hepatic circulation and bile and it's function **BC-14.7-** Perform estimation of glucose and interpretation of results with clinical scenarios.	**BC 4.4-** Formation and functions of bile acids, entero hepatic circulation and bile and it's function **BC-14.7-** Perform estimation of glucose and interpretation of results with clinical scenarios.		

MONTH	FEBRUARY 2025						
WEEK	WEEK 20						
DATE	24	25	26	27	28	1	2
DAY	4th Mon	Tues	Wed	Thurs	Fri	Sat	Sun
8.00 - 9.00 am	**AN LGT 77 : Kidney** AN 47.5 Describe Kidney under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) AN47.8 Describe the formation, course relations and tributaries of renal vein AN47.6 Explain the anatomical basis of Radiating pain of kidney to groin	**AN LGT 79 : Histo - Kidney, Urinary system & supra renal gland** AN52.2 Describe & identify the microanatomical features of: Urinary system: Kidney, Ureter & Urinary bladder AN52.1 Describe & identify the microanatomical features of supra renal gland	**AN LGT 80 : Embryo Development of Urinary System** AN 52.7 Describe the development of Urinary system	**AN LGT 81: Urinary bladder** AN48.1 Describe & demonstrate the position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of urinary bladder. AN48.5 Explain the anatomical basis of suprapubic cystostomy, AN48.6 Describe the neurological basis of Automatic bladder	**SGT: Urethra** AN48.1 Describe & demonstrate the position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of urethra.	FAP A BATCH	SUNDAY
9.00 -10.00 am	**AN SGT : Kidney & ureter** AN 47.5 Describe Kidney under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) AN47.8 Describe the formation, course relations and tributaries of renal vein AN47.6 Explain the anatomical basis of Radiating pain of kidney to groin	**AN SGT :Histo - Urinary system & supra renal gland (A&B BATCH)** AN52.2 Describe & identify the microanatomical features of: Urinary system: Kidney, Ureter & Urinary bladder AN52.1 Describe & identify the microanatomical features of supra renal gland **AN SGT : Suprarenal gland (C & D BATCH)** AN 47.5 Describe suprarenal gland under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)	**AN SGT : Suprarenal gland (A & B BATCH)** AN 47.5 Describe suprarenal gland under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) **AN SGT :HISTO - Urinary system & supra renal gland (C&D BATCH)** AN52.2 Describe & identify the microanatomical features of: Urinary system: Kidney, Ureter & Urinary bladder AN52.1 Describe & identify the microanatomical features of supra renal gland	**AN SGT : Urinary bladder** AN48.1 Demonstrate the position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of urinary bladder.	**AN SGT: Gross anatomy Revision**	**ANAT: SDL B Batch ECE C batch**	
10.00 - 11.00 am							
11.00-12.00 noon	**AN SGT : ureter** AN48.1 Describe & demonstrate the position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of ureter & urethra.	**PY SEMINAR GASTROINTESTINAL PHYSIOLOGY**	**PY LGT Renal PY 7.3** Describe the mechanism of urine formation involving process of tubular reabsorption and secretion - 56	**PY LGT Renal PY 7.3** Describe the mechanism of urine formation involving process of tubular reabsorption and secretion - 57	**BC 3.3**-Define and briefly describe the pathways of carbohydrate metabolism and their regulation with associated disorders-- GLYCOLYSIS, metabolic fate of pyruvate, pyruvate dehydrogenase complex (LGT-28)		
12.00-1.00 pm	**AN LGT 78 : Suprarenal gland** AN 47.5 Describe Supra renal gland under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)	**CM 5.1** Describe the common sources of various nutrients and special nutritional requirements according to age, sex, activity, physiological conditions	**BC 3.2**-Describe the digestion, absorption and transport of carbohydrates from food along with its disorders. (LGT-27)	**PYY SGT Renal PY 7.8** Discuss various renal function tests with its physiological significance and clinical implications of renal clearance	**PY LGT Renal PY 7.6** Describe the innervations of urinary bladder, Physiology of micturition and its abnormalities, Cystometrogram **PY 7.7** Describe cystometry and discuss the normal cystometrogram - 58	**PY SDL/ECE - B & C batch**	
1.00 - 2.00 pm	**LUNCH**						
2.00 - 4.00 pm	**PY LGT Renal PY 7.3** Describe the mechanism of urine formation involving process of glomerular filtration - 55	**PY DOAP Certification** of CVS skills & ECG - A batch	**PY DOAP Certification** of CVS skills & ECG - B batch	**PY DOAP Certification** of CVS skills & ECG - A batch	**PY DOAP Certification** of CVS skills & ECG - B batch	**BC SDL/ECE B & C batch**	
	PY SGT Renal PY 7.3 Describe the mechanism of urine formation involving process of glomerular filtration	**BC4.1**- DESCRIBE phospholipids & lipid storage disorders; **BC 14.8** Perform estimation of urea and calculate BUN and interpretation of results in clinical scenarios.	**BC4.1**- DESCRIBE phospholipids & lipid storage disorders; BC 14.8 Perform estimation of urea and calculate BUN and interpretation of results in clinical scenarios.	**BC4.1**- DESCRIBE phospholipids & lipid storage disorders; **BC 14.8** Perform estimation of urea and calculate BUN and interpretation of results in clinical scenarios.	**BC4.1**- DESCRIBE phospholipids & lipid storage disorders; **BC 14.8** Perform estimation of urea and calculate BUN and interpretation of results in clinical scenarios.		

MONTH	MARCH 2025						
WEEK	WEEK 21						
DATE	3	4	5	6	7	8	9
DAY	1st Mon	Tues	Wed	Thurs	Fri	Sat	Sun
8.00 - 9.00 am	SGT : ANATOMY INTERNAL ASSESSMENT - THEORY ABDOMEN & PELVIS PART I TILL KIDNEYS	HISTOLOGY REVISION	HISTOLOGY REVISION	**AN LGT 82 : Posterior abdominal wall I** AN 45.1, Describe Thoracolumbar fascia,, its different layers, their attachments and extents AN 45.3 Mention the major subgroups of back muscles, nerve supply and action	**AN LGT 84 : Thoraco abdominal diaphragm** AN47.13 Describe & demonstrate the attachments, openings, nerve supply & action of the thoraco abdominal diaphragm AN52.5Describe the development and congenital anomalies of Diaphragm AN47.14Describe the abnormal openings of thoraco abdominal diaphragm and diaphragmatic hernia	SECOND SATURDAY	SUNDAY
9.00 -10.00 am				**AN LGT 83 : Posterior abdominal wall II: Lumbar plexus , Abdominal aorta& inferior vena cava** 45.2,Describe & demonstrate Lumbar plexus for its root value, formation & branches, and clinical anatomy (compression/ injury to the rootlets of lumber plexus) AN47.9 Describe & identify the origin, course, important relations and branches of Abdominal aorta AN47.8 Describe & identify the formation, course relations and tributaries of Inferior vena cava			
10.00 - 11.00 am		**AN SGT - osteology sacrum** **AN53.1** Identify & hold the bone in the anatomical position, Describe the salient features, articulations & demonstrate the attachments of muscle groups AN53.4 Explain and demonstrate clinical importance of bones of abdominopelvic region (Lumbarization of 1st sacral vertebra)	**AN SGT - osteology lumbar vertebra** **AN53.1** Identify & hold the bone in the anatomical position, Describe the salient features, articulations & demonstrate the attachments of muscle groups AN53.4 Explain and demonstrate clinical importance of bones of abdominopelvic region (sacralization of lumbar vertebra)	**AN SGT : Posterior abdominal wall** AN 45.2, demonstrate Lumbar plexus for its root value, formation & branches, and clinical anatomy (compression/ injury to the rootlets of lumber plexus) AN47.9 Describe & identify the origin, course, important relations and branches of Abdominal aorta AN47.8 Describe & identify the formation, course relations and tributaries of Inferior vena cava	**AN SGT : Thoraco abdominal diaphragm** AN47.13 Describe & demonstrate the attachments, openings, nerve supply & action of the thoraco abdominal diaphragm AN52.5Describe the development and congenital anomalies of Diaphragm AN47.14Describe the abnormal openings of thoraco abdominal diaphragm and diaphragmatic hernia		
11.00-12.00 noon	AN AETCOM 3: 1.4 LGT: Foundations of communication	**PY DOAP General Inst-Abdomen examination PY 4.12** Obtain relevant history and conduct correct general and clinical examination of the abdomen in a normal volunteer	**PY LGT Renal PY 7.9** Discuss the role of artificial kidneys, dialysis and indications of renal transplant - 60	**PY LGT Renal PY 7.5** Describe the renal regulation of fluid and electrolytes balance - 61	**BC 3.3**-Define and briefly describe the pathways of carbohydrate metabolism and their regulation with associated disorders-glycogen metabolism (LGT-30)		
12.00-1.00 pm	AN AETCOM 4: 1.4 SGT: Foundations of communication	**CM 5.3** Define and describe common nutrition related health disorders (including macro-PEM, Micro-iron, Zn, iodine, Vit. A), their control and management	**BC 3.3**-Define and briefly describe the pathways of carbohydrate metabolism - TCA CYCLE and it's significance (LGT-29)	**PY SGT REVISION / CLINICAL CHARTS DISCUSSION RENAL PHYSIOLOGY**	**PY SEMINAR RENAL PHYSIOLOGY**		
1.00 - 2.00 pm	LUNCH						
2.00 - 4.00 pm	**PY LGT Renal PY 7.4** Describe the mechanism of urine concentration and dilution (Counter current Multiplier & Exchanger) - 59	**PY DOAP Demo and Prac - Abdomen examination A batch PY 4.12** Obtain relevant history and conduct correct general and clinical examination of the abdomen in a normal volunteer	**PY DOAP Demo and Prac - Abdomen examination B batch PY 4.12** Obtain relevant history and conduct correct general and clinical examination of the abdomen in a normal volunteer	**PY DOAP Revision -** Abdomen examination A batch	**PY DOAP Revision -** Abdomen examination B batch		
	PY SGT Renal PY 7.4 Describe the mechanism of urine concentration and dilution (Counter current Multiplier & Exchanger)	**BC 14.9**-Perform the estimation of serum creatinine and calculate creatinine clearance. **BC3.3**-Define and briefly describe the pathways of carbohydrate metabolism and their regulation with associated disorders-GLUCONEOGENESIS	**BC 14.9**-Perform the estimation of serum creatinine and calculate creatinine clearance. **BC3.3**-Define and briefly describe the pathways of carbohydrate metabolism and their regulation with associated disorders-GLUCONEOGENESIS	**BC 14.9**-Perform the estimation of serum creatinine and calculate creatinine clearance. **BC3.3**-Define and briefly describe the pathways of carbohydrate metabolism and their regulation with associated disorders-GLUCONEOGENESIS	BC 14.9-Perform the estimation of serum creatinine and calculate creatinine clearance. **BC3.3**-Define and briefly describe the pathways of carbohydrate metabolism and their regulation with associated disorders-GLUCONEOGENESIS		

MONTH	MARCH 2025							
WEEK	WEEK 22							
DATE	10	11	12	13	14	15		16
DAY	2nd Mon	Tues	Wed	Thurs	Fri	Sat		Sun
8.00 - 9.00 am	**AN LGT 85 : Prostate gland,** AN48.1 Describe & demonstrate the position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of important male pelvic viscera AN48.7 Mention the lobes involved in benign prostatic hypertrophy & prostatic cancer AN48.5 Explain the anatomical basis of Urinary obstruction in benign prostatic hypertrophy	**AN LGT 86: Histo-Male reproductive system** AN52.2 Describe & identify the microanatomical features of: Male Reproductive System: Testis, Epididymis, Vas deferens, Prostate & penis	**AN LGT 87: Embryo-Development of External genitalia** AN52.8 Describe the development of male & female reproductive system	**AN LGT 88: Uterus** AN48.1 Describe the position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of important female pelvic viscera AN48.5 Explain the anatomical basis of Retroverted uterus, Prolapse uterus, AN48.8 Mention the structures palpable during vaginal examination	**AN LGT 89 :Rectum & Anal canal** AN48.1 Describe the position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of rectum & anal canal. AN48.8 Mention the structures palpable during rectal examination A N49.5 Explain the anatomical basis of Anal fissure AN48.5 Explain the anatomical basis of Internal and external haemorrhoids, Anal fistula	**FAP B BATCH**	**ANAT: SDL C Batch ECE A batch**	**SUNDAY**
9.00 -10.00 am	**AN SGT : seminal vesicle & vas deferens** AN48.1 Describe & demonstrate the position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of important male pelvic viscera AN48.5 Explain the anatomical basis of Vasectomy	**AN SGT : Histo-Male reproductive system (A&B Batch)** AN 52.2 Identify the microanatomical of Male Reproductive System: Testis, Epididymis, Vas deferens, Prostate & penis **AN SGT : Prostate,seminal vesicle & vas deferens (C&D Batch)** AN48.1 demonstrate the position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of male pelvic viscera AN51.2 Describe & identify the midsagittal section of male and female pelvis	**AN SGT : Prostate,seminal vesicle & vas deferens (A&B Batch)** AN48.1 demonstrate the position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of male pelvic viscera AN51.2 Describe & identify the midsagittal section of male and female pelvis **AN SGT : Histo-Male reproductive system (C&D Batch)** AN 52.2 Identify the microanatomical of Male Reproductive System: Testis, Epididymis, Vas deferens, Prostate & penis	**AN SGT : Uterus, ovary and fallopian tube** AN48.1 Describe the position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of important female pelvic viscera AN51.2 Describe & identify the midsagittal section of male and female pelvis	**AN SGT : Rectum & anal canal** AN48.1 demonstrate the position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of rectum & anal canal AN51.2 Describe & identify the midsagittal section of male and female pelvis			
10.00 - 11.00 am	**PY INTERNAL ASSESSEMENT GASTROINTESTINAL AND RENAL PHYSIOLOGY**							
11.00-12.00 noon		**PY LGT Reproduction PY 9.3** Describe the functional anatomy of male reproductive system, functions of testis, spermatogenesis - 64	**PY LGT Reproduction PY 9.3** Discuss the functions and regulations of testosterone hormone - 65	**PY LGT Reproduction PY 9.4** Describe the functional anatomy of female reproductive system: functions of ovary and its hormones (estrogen and progesterone); Describe the hormonal regulation by hypothalamic pituitary gonadal axis - 66	**BC 3.4**-Describe and discuss the regulation, functions and integration of minor Carbohydrate Metabolism pathway briefly along with associated diseases /disorders. (LGT-32)		**BC SDL/ECE - A & C batch**	
12.00-1.00 pm		**CM 5.5** Describe the methods of nutritional surveillance, principles of nutritional education and rehabilitation in the context of sociocultural factors.	**BC 3.3**-Define and briefly describe the pathways of carbohydrate metabolism and their regulation with IT'S CLINICAL SIGNIFICANCE-HMP PATHWAY(LGT-31)	**PY LGT Reproduction PY 9.5** Discuss the menstrual cycle, uterine and ovarian changes, hormonal regulation and its implications in reproductive physiology - 67	**PY SGT Reproduction PY 9.5** Discuss the menstrual cycle, uterine and ovarian changes, hormonal regulation and its implications in reproductive physiology			
1.00 - 2.00 pm	**LUNCH**							
2.00 - 4.00 pm	**PY LGT Reproduction PY 9.1** Explain sex determination, sex differentiation and their physiological alterations and discuss the effects of removal of gonads in physiological functions - 62	**PY VIVA GASTROINTESTINAL AND RENAL PHYSIOLOGY A batch**	**PY VIVA GASTROINTESTINAL AND RENAL PHYSIOLOGY B batch**	**PY DOAP Certification - Abdomen examination A batch**	**PY DOAP Certification - Abdomen examination B batch**		**PY SDL/ECE - A & C batch**	
	PY LGT PY 9.2 Describe and discuss puberty: onset, progression, stages; early and delayed puberty - 63	**BC 14.10** Perform estimation of uric acid in serum and interpretation of results with clinical scenarios.**BC 3.5-** Describe the types, Biochemical changes, complications and laboratory investigations related to other carbohydrate metal disorders.(Mucopolysaccharidosis)	**BC 14.10** Perform estimation of uric acid in serum and interpretation of results with clinical scenarios.**BC 3.5-** Describe the types, Biochemical changes, complications and laboratory investigations related to other carbohydrate metal disorders.(Mucopolysaccharidosis)	**BC 14.10** Perform estimation of uric acid in serum and interpretation of results with clinical scenarios.**BC 3.5-** Describe the types, Biochemical changes, complications and laboratory investigations related to other carbohydrate metal disorders.(Mucopolysaccharidosis)	**BC 14.10** Perform estimation of uric acid in serum and interpretation of results with clinical scenarios.**BC 3.5-** Describe the types, Biochemical changes, complications and laboratory investigations related to other carbohydrate metal disorders.(Mucopolysaccharidosis)			

MONTH	MARCH 2025							
WEEK	WEEK 23							
DATE	17	18	19	20	21	22		23
DAY	3rd Mon	Tues	Wed	Thurs	Fri	Sat		Sun
8.00 - 9.00 am	**AN LGT 90: Pelvic diaphragm** AN48.2 Describe & identify the muscles of Pelvic diaphragm.	**AN LGT 92 : Histo- Female reproductive system** AN52.2 AN 47.9Demonstrate the origin, course, important relations and branches of common l iliac artery: Female reproductive system: Ovary, Uterus, Uterine tube, Cervix, Placenta & Umbilical cord AN 9.2 Describe & identify the microanatomical features of Mammary gland AN 52.3 Describe & identify the microanatomical features of corpus luteum	**AN LGT 93 : Embryo- Development of genital ducts** AN52.8 Describe the development of male & female reproductive system	**AN LGT 94: Embryo-Development of Gonads** AN52.8 Describe the development of male & female reproductive system	**AN LGT 96 : Ischio anal fossa** AN49.4 Describe & demonstrate boundaries, content & applied anatomy of Ischiorectal fossa AN49.5 Explain the anatomical basis of Perianal abscess	**FAP C BATCH**	**ANAT: SDL A Batch ECE B batch**	**SUNDAY**
9.00 -10.00 am	**AN LGT 91 : Pelvic vessels & nerves** AN 47.9Demonstrate the origin, course, important relations and branches of common l iliac artery AN48.3 Demonstrate the origin, course, important relations and branches of internal iliac artery AN 48.4 Describe the branches of sacral plexus	**AN SGT : Histo- Female reproductive system (A&B Batch)** AN52.2 identify the microanatomical features of: Female reproductive system: Ovary, Uterus, Uterine tube, Cervix, Placenta & Umbilical cord AN 9.2 identify the microanatomical features of Mammary gland AN 52.3 Describe & identify the microanatomical features of corpus luteum **AN SGT : Pelvic diaphragm, Pelvic vessels & nerves (C & D Batch)** AN48.2 Describe & identify the muscles of Pelvic diaphragm. AN 47.9Demonstrate the origin, course, important relations and branches of common l iliac artery AN48.3 Demonstrate the origin, course, important relations and branches of internal iliac artery AN51.2 Describe & identify the midsagittal section of male and female pelvis	**AN SGT : Pelvic diaphragm, Pelvic vessels & nerves (A& B Batch)** AN48.2 Describe & identify the muscles of Pelvic diaphragm. AN 47.9Demonstrate the origin, course, important relations and branches of common l iliac artery AN48.3 Demonstrate the origin, course, important relations and branches of internal iliac artery AN51.2 Describe & identify the midsagittal section of male and female pelvis AN **SGT : Histo- Female reproductive system (C&D Batch)** AN52.2 identify the microanatomical features of: Female reproductive system: Ovary, Uterus, Uterine tube, Cervix, Placenta & Umbilical cord AN 52.3 Describe & identify the microanatomical features of corpus luteum AN 9.2 identify the microanatomical features of Mammary gland	**AN LGT 95 : Perineum** AN49.1Describe& demonstrate the superficial & deep perineal pouch (boundaries and contents) AN49.2 Describe & identify Perineal body AN49.3 Describe & demonstrate Perineal membrane in male & female AN49.5 Explain the anatomical basis of Perineal tear, Episiotomy	**AN SGT : Ischioanal fossa** AN49.4 Describe & demonstrate boundaries, content & applied anatomy of Ischiorectal fossa			
10.00 - 11.00 am	**BC INTERNAL ASSESSMENT 3 LIPOPROTEIN METABOLISM; ATHEROSCLEROSIS; PHOSPHOLIPID METABOLISM & LIPID STORAGE DISORDERS; CARBOHYDRATE METABOLISM**			**AN SGT : Perineum** AN49.1Describe& demonstrate the superficial & deep perineal pouch (boundaries and contents) AN49.2 Describe & identify Perineal body AN49.3 Describe & demonstrate Perineal membrane in male & female	**AN LGT 97: Vertebral column** AN50.1 Describe the curvatures of the vertebral column AN50.2Describe & demonstrate the type, articular ends, ligaments and movements of Intervertebral joints, Sacroiliac joints & Pubic symphysis AN50.3 Describe lumbar puncture (site, direction of the needle, structures pierced during the lumbar puncture) AN50.4 Explain the anatomical basis of Scoliosis, Lordosis, Prolapsed disc, Spondylolisthesis & Spina bifida			
11.00-12.00 noon		**PY DOAP General Inst-Respiratory System examination PY 6.12** Obtain relevant history and conduct correct general and clinical examination of the respiratory system in a normal volunteer	**PY LGT Reproduction PY 9.6** Enumerate male and female contraceptive methods, rationale of its prescription, side effects and its advantages & disadvantages - 69	**PY LGT Reproduction PY 9.9** Discuss the hormonal changes and their effects during perimenopause and menopause **PY 9.10** Discuss the common causes of infertility in a couple and role of IVF in managing a case of infertility - 70	**BC 3.5**-Describe the types, Biochemical changes, complications and laboratory investigations related to diabetes (LGT-34)		**PY SDL/ECE - A & B batch**	
12.00-1.00 pm		**CM 5.6** Enumerate and discuss the National Nutrition Policy, important national nutritional Programs including the Integrated Child Development Services Scheme (ICDS) etc	**BC 3.5**-Discuss the mechanism and significance of blood glucose regulation (Glucose homeostasis) in health and disease. (LGT-33)	**PY LGT RS PY 6.1** Describe the functional anatomy of respiratory tract and non-respiratory functions of lungs - 71	**PY LGT RS PY 6.2** Describe the mechanics of normal respiration, pressure changes during ventilation - 72			
1.00 - 2.00 pm	LUNCH							
2.00 - 4.00 pm	**PY LGT Reproduction PY 9.7** Discuss the physiology of pregnancy and parturition **PY 9.8** Discuss the physiological basis of various pregnancy tests - 68	**PY DOAP Demo and Prac - RS examination A batch PY 6.12** Obtain relevant history and conduct correct general and clinical examination of the respiratory system in a normal volunteer	**PY DOAP Demo and Prac - RS examination B batch PY 6.12** Obtain relevant history and conduct correct general and clinical examination of the respiratory system in a normal volunteer	**PY DOAP Revision - RS examination A batch**	**PY DOAP Revision - RS examination B batch**		**BC SDL/ECE - A & B batch**	
	PY SGT Reproduction PY 9.7 Discuss the physiology of lactation	**BC 14.11** Perform estimation of protein in serum and interpretation of results ; **BC 3.5-** Describe the types, Biochemical changes, complications and laboratory investigations related to other carbohydrate metal disorders.(Glycogen storage disorders)	**BC 14.11** Perform estimation of protein in serum and interpretation of results ; **BC 3.5-** Describe the types, Biochemical changes, complications and laboratory investigations related to other carbohydrate metal disorders.(Glycogen storage disorders)	**BC 14.11** Perform estimation of protein in serum and interpretation of results ; **BC 3.5-** Describe the types, Biochemical changes, complications and laboratory investigations related to other carbohydrate metal disorders.(Glycogen storage disorders)	**BC 14.11** Perform estimation of protein in serum and interpretation of results ; **BC 3.5-** Describe the types, Biochemical changes, complications and laboratory investigations related to other carbohydrate metal disorders.(Glycogen storage disorders)			

MONTH	MARCH 2025						
WEEK	WEEK 24						
DATE	24	25	26	27	28	29	30
DAY	4th Mon	Tues	Wed	Thurs	Fri	Sat	Sun
8.00 - 9.00 am	SGT: ANATOMY INTERNAL ASSESSMENT THEORY (Abdomen & Pelvis - Part II)	**AN SGT : Surface marking / Radiology/sectional anatomy** **Surface marking** AN55.1 Demonstrate the surface marking of Regions and planes of abdomen,Superficial inguinal ring, Deep inguinal ring, McBurney's point, Renal Angle & Murphy's point AN55.2 Demonstrate the surface projections of: Stomach, Liver, Fundus of gall bladder, Spleen, Duodenum, Pancreas, Ileocaecal junction, Kidneys & Root of mesentery **sectional anatomy** AN51.1 Describe & identify the cross-section at the level of T8, T10 and L1 (transpyloric plane) AN51.2 Describe & identify the midsagittal section of male and female pelvis **Radiology** AN54.1 Describe the principles of Plain and contrast radiography, Computed Tomography, Magnetic Resonance Imaging, Positron Emission Tomography scan and Digital subtraction angiography AN54.2 Describe & identify features of plain X ray abdomen AN54.3 Describe & identify the special radiographs of abdominopelvic region (contrast X ray Barium swallow, Barium meal, Barium enema, Cholecystography, Intravenous pyelography & Hysterosalpingography) AN54.4 Describe role of ERCP, CT abdomen, MRI, Arteriography in radiodiagnosis of abdomen"	**AN SGT : Abdomen & Pelvis - Gross Anatomy / Histology revision**	**SGT : ANATOMY INTERNAL ASSESSMENT PRACTICALS SPOTTERS / DISCUSSION / VIVA VOCE (Abdomen & Pelvis - Part I & Part II)**	**SGT : ANATOMY INTERNAL ASSESSMENT PRACTICALS SPOTTERS / DISCUSSION / VIVA VOCE (Abdomen & Pelvis - Part I & Part II)**	**FAP A BATCH**	**SUNDAY**
9.00 -10.00 am						**ANAT: SDL B Batch ECE C batch**	
10.00 - 11.00 am							
11.00-12.00 noon	**AN SGT: Clinical charts (AN 44.5, 45.2, 46.1, 47.11, 50.3 & 53.4) /osteology revision /embryology models**	**PY LGT RS PY 6.2** Describe Lung volumes and capacities **PY 6.7** Discuss various lung function tests and their clinical significance in obstructive and restrictive lung diseases - 74	**PY LGT RS PY 5.12** Describe Pulmonary circulation, PY 6.3 Alveolar ventilation, Ventilation perfusion ratio - 75	**PY LGT RS PY 6.3** Describe gas laws, partial pressure of gases, diffusion capacity of lungs - 76	**BC 8.1-** Describe the Biochemical role of vitamins in the body and explain the manifestations of their deficiency vitamin D (LGT-36)	**PY SDL/ECE - B & C batch**	
12.00-1.00 pm		**CM 5.7** Describe food hygiene; CM5.8 Describe and discuss the importance and methods of food fortification and effects of additives and adulteration	**BC 8.1-** Describe the Biochemical role of vitamins in the body and explain the manifestations of their deficiency vitamin A&K (LGT-35)	**PY LGT RS PY 6.4** Discuss the transport of oxygen across lungs and whole body - 77	**PY LGT RS PY 6.4** Discuss the transport of oxygen across lungs and whole body - 78		
1.00 - 2.00 pm	**LUNCH**						
2.00 - 4.00 pm	**PY LGT RS PY 6.3** Describe the alveolar surface tension, compliance, airway resistance - 73	**PY DOAP Demo and Prac - Spirometry and PEFR A batch** PY 6.10 Perform spirometry and interpret the findings PY 6.13 Demonstrate correct technique to perform measurement of peak expiratory flow rate in a normal volunteer	**PY DOAP Demo and Prac - Spirometry and PEFR B batch** PY 6.10 Perform spirometry and interpret the findings PY 6.13 Demonstrate correct technique to perform measurement of peak expiratory flow rate in a normal volunteer	**PY DOAP A batch Revision - Spirometry, PEFR & SGT - LUNG FUNCTION TESTS** PY 6.7 Discuss various lung function tests and their clinical significance in obstructive and restrictive lung diseases	**PY DOAP B batch Revision - Spirometry, PEFR & SGT - LUNG FUNCTION TESTS** PY 6.7 Discuss various lung function tests and their clinical significance in obstructive and restrictive lung diseases	**BC SDL/ECE B & C batch**	
	PY SLIP TEST REPRODUCTION	**BC 14.11** Perform estimation of albumin in serum and interpretation of results and A:G ratio ; BC 13.4-Discuss metabolism of alcohol with Biochemical changes and effects of chronic alcoholism.	**BC 14.11** Perform estimation of albumin in serum and interpretation of results and A:G ratio ; **BC 13.4**-Discuss metabolism of alcohol with Biochemical changes and effects of chronic alcoholism.	**BC 14.11** Perform estimation of albumin in serum and interpretation of results and A:G ratio ; BC 13.4-Discuss metabolism of alcohol with Biochemical changes and effects of chronic alcoholism.	**BC 14.11** Perform estimation of albumin in serum and interpretation of results and A:G ratio ; BC 13.4-Discuss metabolism of alcohol with Biochemical changes and effects of chronic alcoholism.		

MONTH	APRIL 2025						
WEEK	WEEK 25						
DATE	31	1	2	3	4	5	6
DAY	5th Mon	Tues	Wed	Thurs	Fri	Sat	Sun
8.00 - 9.00 am	RAMZAN	**AN LGT 98: Thoracic cage & Intercostal muscles** AN21.3-Describe & demonstrate the boundaries of thoracic inlet, cavity and outlet along with its applied aspect.(Thoracic inlet Syndrome) AN21.4-Describe & demonstrate extent, attachments, direction of fibres, nerve supply and actions of intercostal muscles	**AN LGT 99 : Intercostal nerves & vessels** AN21.5-Describe & demonstrate origin, course, relations and branches of a typical intercostal nerve AN21.6-Mention origin, course and branches/ tributaries of: 1) anterior & posterior intercostal vessels 2) internal thoracic vessels AN21.7-Mention the origin, course, relations and branches of 1) atypical intercostal nerve 2) superior intercostal artery, subcostal artery	**AN LGT 100:Mediastinum** AN21.11-Mention boundaries and contents of the superior, anterior, middle and posterior mediastinum	**INTEGRATION** **MODULE-TUBERCULOSIS** **AN LGT 102 :Lung** AN24.2-Identify side, external features and relations of structures which form root of lung & bronchial tree and their clinical correlate AN24.5-Mention the blood supply, lymphatic drainage and nerve supply of lungs	FAP B BATCH	SUNDAY
9.00 -10.00 am		**AN SGT : Osteology of thorax and thoracic cage** **Identify the bones of thorax (sternum,typical ribs and thoracic vertebra)** AN21.1-Identify bones of thorax sternum,ribs and thoracic vertebra. AN21.3-Describe & demonstrate the boundaries of thoracic inlet, cavity and outlet along with its applied aspect.(Thoracic inlet Syndrome)	**AN SGT : Intercostal vessels & nerves** AN21.5-Describe & demonstrate origin, course, relations and branches of a typical intercostal nerve AN21.6-Mention origin, course and branches/ tributaries of: 1) anterior & posterior intercostal vessels 2) internal thoracic vessels AN21.7-Mention the origin, course, relations and branches of 1) atypical intercostal nerve 2) superior intercostal artery, subcostal artery	**AN SGT:Mediastinum** AN21.11-Mention boundaries and contents of the superior, anterior, middle and posterior mediastinum	**AN LGT 103: Trachea & Bronchopulmonary segments** AN 24.6 Describe the extent length relations, blood supply,lymphatic drainage & nerve supply of trachea. AN24.2-Identify side, external features and relations of bronchial tree and their clinical correlate AN24.3-Describe a bronchopulmonary segment with its clinical anatomy	**ANAT: SDL C Batch ECE A batch**	
10.00 - 11.00 am		**AN SGT : Intercostal muscles and Osteology of sternum** AN21.4-Describe & demonstrate extent, attachments, direction of fibres, nerve supply and actions of intercostal muscles AN21.1-Identify and describe the salient features of sternum	**AN SGT : Ostology of ribs** AN21.4-Describe & demonstrate AN21.1-Identify and describe the salient features of sternum,typical ribs and atypical ribs	**AN LGT 101 Pleura** AN24.1-Mention the blood supply, lymphatic drainage and nerve supply of pleura, extent of pleura and describe the pleural recesses and their applied anatomy	**AN SGT : Pleura, Lung and Trachea** AN24.1-Mention the blood supply, lymphatic drainage and nerve supply of pleura, extent of pleura and describe the pleural recesses and their applied anatomy AN24.2-Identify side, external features and relations of structures which form root of lung & bronchial tree and their clinical correlate AN24.3-Describe a bronchopulmonary segment with its clinical anatomy AN24.5-Mention the blood supply, lymphatic drainage and nerve supply of lungs		
11.00-12.00 noon		**PY LGT RS PY 6.3** Discuss the transport of carbon dioxide across lungs and whole body - 79	**PY LGT RS PY 6.5** Describe the chemoreceptors (peripheral and central) and neural centres of respiration including chemical and neural regulation of respiration - 80	**PY SGT RS PY 6.5** Describe the chemoreceptors (peripheral and central) and neural centres of respiration including chemical and neural regulation of respiration	**BC 8.1-** Describe the Biochemical role of vitamins in the body and explain the manifestations of their deficiency vitamin B12 & FOLIC ACID (LGT-38)		SUNDAY
12.00-1.00 pm		**CM 1.5 SGL** Describe the application of interventions at various levels of Prevention	**BC 8.1-** Describe the Biochemical role of vitamins in the body and explain the manifestations of their deficiency vitamin C&E (LGT-37)	**PY SGT RS PY 6.6** Describe and discuss periodic breathing **PY 6.6** Describe and discuss the pathophysiology of dyspnoea, cyanosis, asphyxia and drowning	**PY LGT RS PY 6.8** Discuss the physiology of high altitude and acclimatization - 81		**BC SDL/ECE - A & C batch**
1.00 - 2.00 pm		**LUNCH**					
2.00 - 4.00 pm		**PY DOAP Certification -** Respiratory System examination & Spirometry A batch	**PY DOAP Certification -** Respiratory System examination & Spirometry B batch	**PY DOAP Certification -** Respiratory System examination & Spirometry A batch	**PY DOAP Certification -** Respiratory System examination & Spirometry B batch		**PY SDL/ECE - A & C batch**
		BC 8.1- Describe the Biochemical role of vitamins in the body and explain the manifestations of their deficiency thiamine, riboflavin & niacin	**BC 8.1-** Describe the Biochemical role of vitamins in the body and explain the manifestations of their deficiency thiamine, riboflavin & niacin	**BC 8.1-** Describe the Biochemical role of vitamins in the body and explain the manifestations of their deficiency thiamine, riboflavin & niacin	**BC 8.1-** Describe the Biochemical role of vitamins in the body and explain the manifestations of their deficiency thiamine, riboflavin & niacin		

MONTH	APRIL 2025						
WEEK	WEEK 26						
DATE	7	8	9	10	11	12	13
DAY	1st Mon	Tues	Wed	Thurs	Fri	Sat	Sun
8.00 - 9.00 am	**AN LGT 104 :Histology of lung ,Trachea** AN25.1-Identify, draw and label a slide of trachea and lung	**AN LGT 105 : Development of Respiratory system** AN25.2-Describe development of pleura, lung. AN25.4-Describe embryological basis of tracheoesophageal fistula	**AN LGT 107: Internal features of heart** AN22.2-Describe & demonstrate internal features of each chamber of heart	MAHAVIR JAYANTHI	**AN LGT 108 : Fibrous Skeleton and Conducting system of Heart** AN22.6-Describe the fibrous skeleton of heart AN22.7-Mention the parts, position and arterial supply of the conducting system of heart	SECOND SATURDAY	SUNDAY
9.00 -10.00 am	**AN SGT :Histology of lung , Trachea (A & B Batch)** AN25.1-Identify, draw and label a slide of trachea and lung SGT :**Pleura, Lung and Trachea (C&D Batch)** AN24.1-Mention the blood supply, lymphatic drainage and nerve supply of pleura, extent of pleura and describe the pleural recesses and their applied anatomy AN24.2-Identify side, external features and relations of structures which form root of lung & bronchial tree and their clinical correlate AN24.3-Describe a bronchopulmonary segment with its clinical anatomy AN24.5-Mention the blood supply, lymphatic drainage and nerve supply of lungs	**AN LGT 106 :Pericardium & external features of heart** AN22.1-Describe subdivisions, sinuses in pericardium, blood supply and nerve supply of pericardium AN22.2-Describe & demonstrate EXternal features of each chamber of heart	**AN SGT : External and Internal features of Heart** AN22.2-Describe & demonstrate External features of each chamber of heart AN22.2-Describe & demonstrate internal features of each chamber of heart		**AN SGT: Osteology of thorax - revision**		
10.00 - 11.00 am		**AN SGT :Pericardium & external features of heart** AN22.1-Describe subdivisions, sinuses in pericardium, blood supply and nerve supply of pericardium AN22.2-Describe & demonstrate EXternal features of each chamber of heart					
11.00-12.00 noon	**AN SGT :Histology of lung , Trachea (C&D Batch)** AN25.1-Identify, draw and label a slide of trachea and lung SGT :**Pleura, Lung and Trachea ((A & B Batch)** AN24.1-Mention the blood supply, lymphatic drainage and nerve supply of pleura, extent of pleura and describe the pleural recesses and their applied anatomy AN24.2-Identify side, external features and relations of structures which form root of lung & bronchial tree and their clinical correlate AN24.3-Describe a bronchopulmonary segment with its clinical anatomy AN24.5-Mention the blood supply, lymphatic drainage and nerve supply of lungs	**PY LGT RS PY 6.9** Discuss the physiology of deep-sea diving and decompression sickness - 84	**PY LGT Acid base balance PY 1.6** Describe the concept of pH and buffer systems **PY 7.5** Describe the renal regulation of acid base balance - 85		**BC 9.1, BC 9.2**-Describe the dietary sources, absorption, transport, and metabolism, Biochemical functions of COPPER and ZINC with its associated clinical disorders. (LGT-39)		
12.00-1.00 pm		**SGL -- CM 4.3** Demonstrate and describe the steps in evaluation of health promotion and education program	**BC 9.3** Describe the processes involved in maintenance of normal pH		**PY SGT Acid base balance PY 7.5** Describe the renal regulation of acid base balance		
1.00 - 2.00 pm	LUNCH						
2.00 - 4.00 pm	**PY LGT RS PY 6.6** Describe and discuss the pathophysiology of Hypoxia and Oxygen therapy - 82	**PY DOAP PY 6.11** Describe principles and methods of artificial respiration **PY 12.10** Demonstrate Basic Life Support in a simulated environment **A batch**	**PY DOAP PY 6.11** Describe principles and methods of artificial respiration **PY 12.10** Demonstrate Basic Life Support in a simulated environment **B batch**		Bc 9.3 Describe the disturbances in acid base balance **WHOLE BATCH 2-3 PM**		
	PY INTEGRATED MODULE 4 TUBERCULOSIS CASE BASED DISCUSSION - 83	**BC 8.1**- Describe the Biochemical role of vitamins in the body and explain the manifestations of their deficiency-pantothenic acid & pyridoxine, biotin, other miscellaneous	**BC 8.1**- Describe the Biochemical role of vitamins in the body and explain the manifestations of their deficiency-pantothenic acid & pyridoxine, biotin, other miscellaneous		**PY SGT WHOLE BATCH (3-4 pm) - REVISION RESPIRATORY PHYSIOLOGY**		

MONTH	APRIL 2025						
WEEK	WEEK 27						
DATE	14	15	16	17	18	19	20
DAY	2nd Mon	Tues	Wed	Thurs	Fri	Sat	Sun
8.00 - 9.00 am	AMBEDKAR JAYANTHI	INTEGRATION MODULE-MYOCARDIAL INFARCTION **LGT 109 : Blood supply of Heart** AN22.3-Describe & demonstrate origin, course and branches of coronary arteries AN22.4-Describe anatomical basis of ischaemic heart disease AN22.5-Describe & demonstrate the formation, course, tributaries and termination of coronary sinus PY 5.1 Pecularities of coronary circulation, IHD	**AN LGT 110 : Development of Heart- Part I** AN25.2-Describe development of heart AN25.4-Describe embryological basis of atrial septal defect AN25.5-Describe developmental basis of dextrocardia	**AN LGT 111 : Development of Heart- Part II** AN25.2-Describe development of heart AN25.4-Describe embryological basis of ventricular septal defect, Fallot's tetralogy AN25.5-Describe developmental basis of congenital anomalies, transposition of great vessels,	GOOD FRIDAY	FAP C BATCH	SUNDAY
9.00 -10.00 am						**ANAT: SDL A Batch ECE B batch**	
10.00 - 11.00 am		**AN SGT: Blood supply of Heart** AN22.3-Describe & demonstrate origin, course and branches of coronary arteries AN22.4-Describe anatomical basis of ischaemic heart disease AN22.5-Describe & demonstrate the formation, course, tributaries and termination of coronary sinus	**AN SGT :Oesophagus** AN23.1-Describe & demonstrate the external appearance, relations, blood supply, nerve supply, lymphatic drainage and applied anatomy of oesophagus	**AN SGT :Azygos vein ,Aorta & Posterior Intercostal vessels** AN23.3-Describe & demonstrate origin, course, relations, tributaries and termination of superior vena cava, azygos, hemiazygos andaccessory hemiazygos veins AN23.4-Mention the extent, branches and relations of arch of aorta & descending thoracic aorta AN21.6-Mention origin, course and branches/ tributaries of: posterior intercostal vessels			
11.00-12.00 noon		**PY SEMINAR RESPIRATORY PHYSIOLOGY**	**PY LGT CNS PY 10.1** Describe and discuss the functional organization of central nervous system (brain and spinal cord), CSF - 86	**PY INTERNAL ASSESSMENT RESPIRATORY SYSTEM**		**PY SDL/ECE - A & B batch**	
12.00-1.00 pm		**SGL CM 5.9** Perform nutritional assessment of individual, family and community using appropriate method and plan a diet for health promotion based on the assessment	**BC 9.1, BC 9.2**-Describe the dietary sources, absorption, transport, and metabolism, Biochemical functions of Calcium and PHOSPHOROUS with its associated clinical disorders. (LGT-40)				
1.00 - 2.00 pm		**LUNCH**					
2.00 - 4.00 pm		**PY SGT CHARTS DISCUSSION RESPIRATORY PHYSIOLOGY A batch**	**PY SGT CHARTS DISCUSSION RESPIRATORY PHYSIOLOGY B batch**	BC 9.2-Describe the dietary sources, absorption, transport, and metabolism, Biochemical functions of MAGNESIUM and OTHER TRACE ELEMENTS with its associated clinical disorders.		**BC SDL/ECE - A & B batch**	
		BC 9.3- Describe the processes involved in maintenance of normal water & electrolyte balance of body fluids: **BC 9.3**-the derangements associated with water & electrolyte balance of body fluids	**BC 9.3-** Describe the processes involved in maintenance of normal water & electrolyte balance of body fluids: **BC 9.3**-the derangements associated with water & electrolyte balance of body fluids	**PY VIVA RS WHOLE BATCH 2-3 pm**			

MONTH	APRIL 2025						
WEEK	WEEK 28						
DATE	21	22	23	24	25	26	27
DAY	3rd Mon	Tues	Wed	Thurs	Fri	Sat	Sun
8.00 - 9.00 am	**AN SGT : Joints of thorax** AN21.8-Describe & demonstrate type, articular surfaces & movements of manubriosternal, costovertebral, costotransverse and xiphisternal joints AN21.9-Describe & demonstrate mechanics and types of respiration AN21.10-Describe costochondral and interchondral joints	AN L**GT 112: Thoracic duct, Thoracic sympathetic chain and splanchnic nerve** AN23.2-Describe & demonstrate the extent, relations and tributaries of thoracic duct and enumerate its applied anatomy AN23.5-Identify & Mention the location and extent of thoracic sympathetic chain AN23.6Describe the splanchnic nerves	**AN LGT 114 :Development of Aortic arches and venous system** AN25.6-Mention development of aortic arch arteries, SVC, IVC and coronary sinus AN 25.5 Describe developmental basis of Co arctation of aorta & patent ductus arteriosus	**AN SGT: OSCE -Clinical Anatomy** -21.3,22.4, 23.1, 24.1,24.3,25.4 & 25.5	**SGT: REVISION - THORAX**	**FAP A BATCH**	**SUNDAY**
9.00 -10.00 am	**AN SGT : Osteology of Thoracic vertebra** AN21.1-Identify and describe the salient features of typical thoracic vertebra. AN21.2 Identify & describe the features of atypical thoracic vertebrae	AN S**GT : Thoracic sympathetic chain & Phrenic Nerve** AN23.5-Identify & Mention the location and extent of thoracic sympathetic chain AN24.4-Identify phrenic nerve & describe its formation & distribution	**OSTEOLOGY REVISION / EMBRYOLOGY MODELS**	**AN SGT :Surface marking (A,B) and Radiology of thorax(C,D)** AN25.7-Identify structures seen on a plain x-ray chest (PA view) AN25.8-Identify and describe in brief a barium swallow AN25.9-Demonstrate surface marking of lines of pleural reflection, lung borders and fissures, trachea, heart borders, apex beat & surface projection of valves of heart		**ANAT: SDL - B Batch ECE - C Batch**	
10.00 - 11.00 am		**AN LGT 113: Fetal circulation** AN25.3-Describe fetal circulation and changes occurring at birth		**AN SGT :Surface marking (C,D) and Radiology of thorax(A,B)** AN25.7-Identify structures seen on a plain x-ray chest (PA view) AN25.8-Identify and describe in brief a barium swallow AN25.9-Demonstrate surface marking of lines of pleural reflection, lung borders and fissures, trachea, heart borders, apex beat & surface projection of valves of heart			
11.00-12.00 noon	**BC INTERNAL ASSESSMENT 4 DIABETES MELLITUS & LABORATORY INVESTIGATIONS: ; ALCOHOL METABOLISM : Fat SOLUBLE VITAMINS: Vit B!2, FOLIC ACID; Vitamin C, thiamine, riboflavin & niacin,; MINERALS- with its associated clinical disorders**	**PY LGT CNS PY 10.5** Discuss the classification, functions and properties of reflex - 89	**PY LGT CNS PY 10.6** Discuss the classification, functions and properties of receptors - 90	**PY LGT CNS PY 10.7** Discuss somatic sensations, ascending tracts and applied aspects of sensory system **(Structure of spinal cord) - 91**	**BC 5.6** -the formation, transamination, oxidative and non-oxidative deamination, transport, disposal/detoxification of ammonia (LGT-42)		**PY SDL/ECE - B & C batch**
12.00-1.00 pm		**SGL CM 1.9** Demonstrate the role of effective Communication skills in health in a simulated environment	**BC 5.3**-Describe the digestion and absorptionofdietaryproteins,miester cycle and related disorders, general metabolism of amino acids, intracellular protein drgradation.(LGT-41)	**PY LGT CNS PY 10.7** Discuss somatic sensations, ascending tracts and applied aspects of sensory system - 92	**PY SGT CNS PY 10.7** Discuss somatic sensations, ascending tracts and applied aspects of sensory system		
1.00 - 2.00 pm	**LUNCH**						
2.00 - 4.00 pm	**PY LGT CNS PY 10.4** Discuss the classification, functions and properties of synapse - 87	**PY DOAP Revision/OSCE**-CVS examination, Pulse, BP recording, ECG A batch	**PY DOAP Revision/OSCE**-CVS examination, Pulse, BP recording, ECG B batch	**PY DOAP Revision/OSCE**-Abdomen Ex, RS Ex, Spirometry, PEFR A batch	**PY DOAP Revision/OSCE**-Abdomen Ex, RS Ex, Spirometry, PEFR A batch		**BC SDL/ECE B & C batch**
	PY LGT CNS PY 10.4 Discuss the classification, functions and properties of synapse - 88	**OSPE BC 8.2**-Discuss the importance of various dietary components and explain importance of dietary fibre. **BC 8.2**-Describe the types and causes of protein energy malnutrition and its effects.	**OSPE BC 8.2**-Discuss the importance of various dietary components and explain importance of dietary fibre. **BC 8.2**-Describe the types and causes of protein energy malnutrition and its effects.	**OSPE BC 8.2**-Discuss the importance of various dietary components and explain importance of dietary fibre. **BC 8.2**-Describe the types and causes of protein energy malnutrition and its effects.	**OSPE BC 8.2**-Discuss the importance of various dietary components and explain importance of dietary fibre. **BC 8.2**-Describe the types and causes of protein energy malnutrition and its effects.		

MONTH	APRIL 2025			MAY 2025			
WEEK	WEEK 29						
DATE	28	29	30	1	2	3	4
DAY	4th Mon	Tues	Wed	Thurs	Fri	Sat	Sun
8.00 - 9.00 am	ANATOMY PART COMPLETION TEST 2 - THEORY (Abdomen, Pelvis & Thorax + Histology + Embryology)	ANATOMY PART COMPLETION TEST 2 - PRACTICALS SPOTTERS/ DISCUSSION / VIVA VOCE (Abdomen, Pelvis & Thorax + Histology + Embryology)	ANATOMY PART COMPLETION TEST 2 - PRACTICALS SPOTTERS/ DISCUSSION / VIVA VOCE (Abdomen, Pelvis & Thorax + Histology + Embryology)	MAY DAY	**AN LGT 115 : Scalp** AN26.1 Describe & demonstrate anatomical position of skull, Identify and locate individual skull bones in skull AN27.1 Describe & demonstrate the layers of scalp, its blood supply, nerve supply and surgical importance AN26.6 Explain the concept of bones that ossify in membrane AN27.2 Describe emissary veins with its role in the spread of infection from extracranial route to intracranial venous sinuses	FAP B BATCH	SUNDAY
9.00 -10.00 am					**AN SGT : Osteology Introduction to skull / Norma Verticalis & Occipitalis** AN26.1 Describe & demonstrate anatomical position of skull, Identify and locate individual skull bones in skull AN26.2Describe & demonstrate the features of norma verticalis, & occipitalis	**AN SDL- A & C batch**	
10.00 - 11.00 am					**AN SGT : Scalp** AN27.1 Describe & demonstrate the layers of scalp, its blood supply, nerve supply and surgical importance AN27.2Describe emissary veins with its role in the spread of infection from extracranial route to intracranial venous sinuses		
11.00-12.00 noon		**PY DOAP General Inst-Sensory system PY 10.19** Obtain relevant history and conduct general and clinical examination of nervous system: Higher functions and sensory system	**PY LGT CNS PY 10.9** Describe the course of descending tracts (pyramidal and extrapyramidal tracts), its clinical implications including difference in upper motor neuron (UMN) and lower motor neuron (LMN) lesions - 94		**BC 5.7**-Describe the specialized products formed from the aminoacids-glycine, alanine, serine, threonine-and the inborn errors associated with them. (LGT-44)	**BC SDL/ECE - A & C batch**	
12.00-1.00 pm		**SGL CM 1.10** Demonstrate the important aspects of the doctor patient relationship in a simulated environment	**BC 5.6**- urea cycle and hyperammonemias, ammonia toxicity and its clinical significance (LGT-43)		**PY SGT CNS PY 10.9** Describe the course of descending tracts (pyramidal and extrapyramidal tracts), its clinical implications including difference in upper motor neuron (UMN) and lower motor neuron (LMN) lesions		
1.00 - 2.00 pm	LUNCH						
2.00 - 4.00 pm	**PY LGT CNS PY 10.8** Discuss physiology of pain including pain pathways and its modulation with special emphasis on gate control theory of pain - 93	**PY DOAP Demo and Prac - Sensory system A batch PY 10.19** Obtain relevant history and conduct general and clinical examination of nervous system: Higher functions and sensory system	**PY DOAP Demo and Prac - Sensory system B batch PY 10.19** Obtain relevant history and conduct general and clinical examination of nervous system: Higher functions and sensory system		**PY TUT CNS WHOLE BATCH (2-3 PM)PY 10.10** Discuss types and clinical features of spinal cord lesions (complete, incomplete transection and hemisection – Brown Sequard syndrome)	**PY SDL/ECE - A & C batch**	
	PY SGT CNS PY 10.8 Discuss physiology of pain including pain pathways and its modulation with special emphasis on gate control theory of pain	**Bc 8.4**- dietary advice for optimal health in childhood and adult in disease conditions like diabetes mellitus, coronary artery disease and in pregnancy. **Bc 8.5**- describe the causes (including dietary habits), effects and health risks associated with being overweight/ obesity / metabolic syndrome	**Bc 8.4, BC 14.23**- dietary advice for optimal health in childhood and adult in disease conditions like diabetes mellitus, coronary artery disease and in pregnancy. Bc 8.5- describe the causes (including dietary habits), effects and health risks associated with being overweight/ obesity / metabolic syndrome		**BC 5.7**-Describe the specialized products formed from the aminoacids-branched chain amino acids and the inborn errors associated with them.		

MONTH	MAY 2025						
WEEK	WEEK 30						
DATE	5	6	7	8	9	10	11
DAY	1st Mon	Tues	Wed	Thurs	Fri	Sat	Sun
8.00 - 9.00 am	**AN LGT 116: Face** AN28.1 Describe & demonstrate muscles of facial expression and their nerve supply AN28.2Describe sensory innervation of face AN28.3 Describe & demonstrate origin /formation, course, branches /tributaries of facial vessels AN28.4 Describe & demonstrate branches of facial nerve with distribution AN 28.5 Describe Cervical lymph nodes and lymphatic drainage of face AN28.7 Explain the anatomical basis of facial nerve palsy AN28.8 Explain surgical importance of deep facial vein	**AN LGT 117 : Parotid Gland** AN28.9 Describe & demonstrate the parts, borders, surfaces, contents, relations and nerve supply of parotid gland with course of its duct and surgical importance AN28.10 Explain the anatomical basis of Frey's syndrome	**AN LGT 118 : Embryo-Pharyngeal apparatus-I (Pharyngeal arches & derivatives)** AN43.4 Describe the development and developmental basis of congenital anomalies of branchial apparatus	**AN LGT 119: Posterior triangle of Neck** AN29.1 Describe and demonstrate the boundaries, subdivisions and contents of posterior triangle of neck AN29.2 Describe & demonstrate attachments, nerve supply, relations and actions of sternocleidomastoid AN29.5 Describe & demonstrate attachments of 1) inferior belly of omohyoid, 2)scalenus anterior, 3) scalenus medius & 4) levator scapula AN29.4 Explain anatomical basis of wry neck AN29.3 Explain anatomical basis of Erb's & Klumpke's palsy	**AN LGT 120 : Dural Folds** AN30.1 Describe the cranial fossae & identify related structures AN30.2 Describe & identify major foramina with structures passing through them AN30.3 Describe & identify dural folds	SECOND SATURDAY	SUNDAY
9.00 -10.00 am	**AN SGT : osteology: Introduction to Skull - Norma Frontalis & lateralis** AN26.2Describe & demonstrate the features of norma frontalis & lateralis	**AN SGT:Parotid Gland** AN28.9 Demonstrate the parts, borders, surfaces, contents, relations and nerve supply of parotid gland with course of its duct and surgical importance	**AN SGT : Osteology- Cranial Cavity , Norma basalis** AN26.3 Describe & demonstrate cranial cavity, its subdivisions, foramina and structures passing through them AN26.2Describe & demonstrate the features of norma basalis	**AN SGT: Posterior triangle of Neck** AN29.1 Describe & demonstrate the boundaries, subdivisions and contents of posterior triangle of neck AN29.2 Describe & demonstrate attachments, nerve supply, relations and actions of sternocleidomastoid AN29.5 Describe & demonstrate attachments of 1) inferior belly of omohyoid, 2)scalenus anterior, 3) scalenus medius & 4) levator scapula AN29.4 Explain anatomical basis of wry neck AN29.3 Explain anatomical basis of Erb's & Klumpke's palsy	**AN SGT :Dural folds & Osteology-: Cranial Cavity** AN30.1 Describe the cranial fossae & identify related structures AN30.2 Describe & identify major foramina with structures passing through them AN30.3 Describe & identify dural folds AN26.3 Describe & demonstrate cranial cavity, its subdivisions, foramina and structures passing through them		
10.00 - 11.00 am			**AN SGT : Osteology -Cervical Vertebrae** AN26.5 Describe & demonstrate features of typical and atypical cervical vertebrae (atlas and axis) AN26.7 Describe & demonstrate the features of the 7th cervical vertebra				
11.00-12.00 noon	**AN SGT : Face** AN28.1 Demonstrate muscles of facial expression and their nerve supply AN28.6 Identify superficial muscles of face, their nerve supply and actions AN28.4 Describe & demonstrate branches of facial nerve with distribution AN28.2 Describe sensory innervation of face AN28.3 Describe & demonstrate origin /formation, course, branches /tributaries of facial vessels	**PY DOAP General Inst-Motor system PY 10.19** Obtain relevant history and conduct general and clinical examination of nervous system: Motor system	**PY LGT CNS PY 10.12** Discuss functional anatomy of basal ganglia, its connections, functions and clinical abnormalities - 96	**PY SGT CNS PY 10.12** Discuss functional anatomy of basal ganglia, its connections, functions and clinical abnormalities	**BC 5.7-** acidic and basic amino acids (glutamic acid, aspartic acid, glutamine, asparagine, lysine, arginine, nitric oxide) (LGT-46)		
12.00-1.00 pm		**CM PCT - ASSESSMENT**	**BC 5.7**- metabolism of sulphur containing aminoacids & transmethylation reaction (LGT-45)	**PY LGT CNS PY 10.13** Discuss the mechanism of maintenance of tone, posture and control of body movements - 97	**PY SGT REVISION CNS PART I (PY 10.1, 10.4 to 10.13)**		
1.00 - 2.00 pm	LUNCH						
2.00 - 4.00 pm	**PY LGT CNS PY 10.11** Describe functional anatomy of cerebellum, its connections, functions and clinical abnormalities - 95	**PY DOAP Demo and Prac - Motor system A batch PY 10.19** Obtain relevant history and conduct general and clinical examination of nervous system: Motor system	**PY DOAP Demo and Prac - Motor system B batch PY 10.19** Obtain relevant history and conduct general and clinical examination of nervous system: Motor system	**PY SGT CLINICAL CHARTS DISCUSSSION CNS PART I A batch**	**PY SGT CLINICAL CHARTS DISCUSSSION CNS PART I B batch**		
	PY SGT CNS PY 10.11 Describe functional anatomy of cerebellum, its connections, functions and clinical abnormalities	**Bc 5.7**- one carbon metabolism**;BC 14.12**- Perform the estimation of serum total cholesterol	**Bc 5.7**- one carbon metabolism**;BC 14.12**- Perform the estimation of serum total cholesterol	**Bc 5.7**- one carbon metabolism;**BC 14.12**- Perform the estimation of serum total cholesterol	**Bc 5.7**- one carbon metabolism;**BC 14.12**- Perform the estimation of serum total cholesterol		

MONTH	MAY 2025						
WEEK	WEEK 31						
DATE	12	13	14	15	16	17	18
DAY	2nd Mon	Tues	Wed	Thurs	Fri	Sat	Sun
8.00 - 9.00 am	**AN LGT 121: Dural Venous Sinuses** AN30.3 Describe & identify dural venous sinuses AN30.4 Describe clinical importance of dural venous sinuses	**AN LGT 122 : Histo-salivary glands** AN43.2 Identify, describe and draw the microanatomy of salivary glands	**AN LGT 123 : Embryo-Pharyngeal apparatus-II (Pharyngeal Pouches & clefts)** AN43.4 Describe the development and developmental basis of congenital anomalies of branchial apparatus	**AN LGT 124 : orbit I- Extra ocular muscles** AN31.1 Describe & identify extra ocular muscles of eyeball, along with a note on its attachment, action and clinical anatomy AN31.5 Explain the anatomical basis of oculomotor, trochlear and abducent nerve palsies along with strabismus	**AN LGT 125 : Orbit II -Vessels & nerves of orbit** AN31.2 Describe & demonstrate nerves and vessels in the orbit AN31.3 Describe anatomical basis of Horner's syndrome AN31.5 Explain the anatomical basis of oculomotor, trochlear and abducent nerve palsies along with strabismus	FAP C BATCH	SUNDAY
9.00 -10.00 am	**AN SGT : Osteology-Norma basalis** AN26.2Describe & demonstrate the features of norma basalis	**AN SGT : Histo-Salivary glands (A& B Batch)** AN43.2 Identify, describe and draw the microanatomy of salivary glands **SGT 268: Dural venous sinuses, cerebrum& spinal cord (For alignment) (C& D Batch)** AN30.3 Describe & identify dural venous sinuses AN57.1 Identify external features of spinal cord AN62.2 Describe & demonstrate surfaces, sulci, gyri, poles, & functional areas of cerebral hemisphere"	**AN SGT : Dural venous sinuses, cerebrum& spinal cord (For alignment) (A& B Batch)** AN30.3 Describe & identify dural venous sinuses AN57.1 Identify external features of spinal cord AN62.2 Describe & demonstrate surfaces, sulci, gyri, poles, & functional areas of cerebral hemisphere" **SGT: Histo-Salivary glands (C& DBatch)** AN43.2 Identify, describe and draw the microanatomy of salivary glands	**AN SGT : Orbit I- Extra ocular muscles** AN31.1 Describe & identify extra ocular muscles of eyeball, along with a note on its attachment, action and clinical anatomy	**AN SGT : Orbit II- Vessels & nerves of orbit** AN31.2 Describe & demonstrate nerves and vessels in the orbit	**ANAT SDL- A & B batch**	
10.00 - 11.00 am	**PY IA CNS PART I (PY 10.1, 10.4 to 10.13)**						
11.00-12.00 noon		**PY TUT CNS PY 10.14** Discuss the functional anatomy of thalamus, its connections, functions and its clinical abnormalities	**PY LGT CNS PY 10.15** Discuss the functional anatomy of hypothalamus, its connections, functions and its clinical abnormalities - 98	**PY LGT CNS PY 10.16** Discuss functional anatomy of cerebral cortex, its connections, functions and its clinical abnormalities - 99	**BC 5.7**- Metabolism of aromatic aminoacids ii- of tryptophan & histidine and proline (LGT-48)		**PY SDL/ECE - A & B batch**
12.00-1.00 pm		**SGL CM 5.2** Describe and demonstrate the correct method of performing a nutritional assessment of individuals, families and the community by using the appropriate method	**BC 5.7**- metabolism of aromatic aminoacids i;phenyl alanine & tyrosine metabolism (LGT-47)	**PY LGT CNS PY 10.16** Discuss functional anatomy of cerebral cortex, its connections, functions and its clinical abnormalities - 100	**PY SGT CNS PY 10.3** Classify the neurotransmitters and discuss the chemical transmission in the nervous system		
1.00 - 2.00 pm	**LUNCH**						
2.00 - 4.00 pm	**PY VIVA CNS PART I**	**PY DOAP Revision - Sensory system & Motor system A batch**	**PY DOAP Revision - Sensory system & Motor system B batch**	**PY DOAP Certification - Sensory system & Motor system A batch**	**PY DOAP Certification - Sensory system & Motor system B batch**		**BC SDL/ECE - A & B batch**
		Bc 11.1- liver function tests AND related charts;**BC 14.15**- Describe the estimation Triglycerides, HDL and calculation of LDL and interpretation of results with clinical scenarios.	**Bc 11.1**- LIVERfunction tests AND related charts;**BC 14.15**- Describe the estimation Triglycerides, HDL and calculation of LDL and interpretation of results with clinical scenarios.	**Bc 11.1**- liver function tests AND related charts;**BC 14.15**- Describe the estimation Triglycerides, HDL and calculation of LDL and interpretation of results with clinical scenarios.	**Bc 11.1**- liver function tests AND related charts;**BC 14.15**- Describe the estimation Triglycerides, HDL and calculation of LDL and interpretation of results with clinical scenarios.		

MONTH	MAY 2025						
WEEK	WEEK 32						
DATE	19	20	21	22	23	24	25
DAY	3rd Mon	Tues	Wed	Thurs	Fri	Sat	Sun
8.00 - 9.00 am	**AN LGT 126 : Anterior triangle** AN32.1 Describe boundaries and subdivisions of anterior triangle AN32.2 Describe & demonstrate boundaries and contents of muscular, submental carotid triangle triangles	**AN LGT 127 :Carotid triangle** AN32.2 Describe & demonstrate boundaries and contents of carotid triangle	**AN LGT 128: Temporal fossa & muscles of mastication** AN33.1Describe & demonstrate extent, boundaries and contents of temporal fossa AN33.2Describe & demonstrate attachments, direction of fibres, nerve supply and actions of muscles of mastication	**AN LGT 129 :Infra temporal fossa-I (Infra temporal fossa boundaries, maxillary artery& pterygoid venous plexus)** AN33.1Describe & demonstrate extent, boundaries and contents of infratemporal fossa AN33.4 Explain the clinical significance of pterygoid venous plexus	**AN LGT 131 : Temporomandibular joint** AN33.3Describe & demonstrate articulating surface, type & movements of temporomandibular joint AN33.5Describe the features of dislocation of temporomandibular joint	**AN LGT 132 : Submandibular region-I(Digastric triangle)** AN32.2 Describe & demonstrate boundaries and contents of digastric triangle AN34.1 Describe and demonstrate the superficial and deep structures, muscles, nerves, vessels, in the submandibular region	SUNDAY
9.00 -10.00 am	**AN SGT : Osteology Mandible** AN26.4 Describe & demonstrate morphological features of mandible	**AN SGT :Anterior triangle** AN32.2 Describe & demonstrate boundaries and contents of muscular, submental & carotid triangles	**AN SGT : Temporal fossa & muscles of mastication** AN33.1Describe & demonstrate extent, boundaries and contents of temporal fossa AN33.2Describe & demonstrate attachments, direction of fibres, nerve supply and actions of muscles of mastication	**AN LGT 130 : Infra temporal fossa-II (mandibular nerve & otic ganglion)** AN33.1Describe & demonstrate contents of infratemporal fossa	**AN SGT : Infra temporal fossa** AN33.1Describe & demonstrate extent, boundaries and contents of infratemporal fossa	**AN SGT : Submandibular region-I(Digastric triangle)** AN32.2 Describe & demonstrate boundaries and contents of digastric triangle AN34.1 Describe and demonstrate the superficial and deep structures, muscles, nerves, vessels, in the submandibular region	
10.00 - 11.00 am				**AN SGT : Infra temporal fossa** AN33.1Describe & demonstrate extent, boundaries and contents of infratemporal fossa			
11.00-12.00 noon	**BC PART COMPLETION TEST 2 THEORY BC 8.2, BC 14.23, BC 8.5, BC 5.3, BC 5.6 Ammonia metabolism, BC 5.6 Urea cycle, BC 5.7**	**PY LGT 10.17** Discuss the structure and functions of reticular activating system - 101	**PY LGT CNS PY 10.17** Discuss sleep physiology and EEG waveforms during sleep wake cycle - 102	**PY LGT CNS PY 10.17** Discuss sleep physiology and EEG waveforms during sleep wake cycle - 103	**BC 7.2**- chemiosmotic theory, inhibitors of etc& oxidative phosphorylation, uncouplers, shuttle pathways (LGT-50)	**PY LGT CNS PY 10.18** Discuss the physiological basis of speech and clinical alterations in speech - 105	
12.00-1.00 pm		**SGL** CM 5.14 Demonstrate an awareness of their own personal health and nutrition ; CM 5.16 Have knowledge of breast feeding and complementary feeding Practices	**BC 7.2 R**edox potentials, biological oxidation - enzymes & coenzymes, high energy compounds, components of etc. (LGT-49)	**PY DOAP General Inst-Reflexes & Cerebellar Function Tests PY 10.19** Obtain relevant history and conduct general and clinical examination of nervous system: Reflexes (Cerebellar function tests)	**PY LGT CNS PY 10.18** Discuss the physiological basis of memory and learning - 104	**AN LGT 133: Deep Cervical Fascia** AN35.1 Describe the parts, extent, attachments, modifications of deep cervical fascia AN35.10 Describe the fascial spaces of neck	
1.00 - 2.00 pm	LUNCH						
2.00 - 4.00 pm	**PY SEMINAR NEUROPHYSIOLOGY**	**PY DOAP Certification - Sensory system & Motor system A batch**	**PY DOAP Certification - Sensory system & Motor system B batch**	**PY DOAP Demo & Prac - Reflexes & Cerebellar Function Tests A batch PY 10.19** Obtain relevant history and conduct general and clinical examination of nervous system: Reflexes (Cerebellar function tests)	**PY DOAP Demo & Prac - Reflexes & Cerebellar Function Tests B batch PY 10.19** Obtain relevant history and conduct general and clinical examination of nervous system: Reflexes (Cerebellar function tests)	**PY LGT CNS PY 10.15** Discuss the functional anatomy of limbic system, its connections, functions and its clinical abnormalities - 106	
		Bc 12.1- detoxification and biotransformation of xenobiotics; **BC 14.13** Perform the estimation of serum Bilirubin by manual / semi- automated analyzer method.	**Bc 12.1**- detoxification and biotransformation of xenobiotics; **BC 14.13**Perform the estimation of serum Bilirubin by manual / semi- automated analyzer method.	**Bc 12.1**- detoxification and biotransformation of xenobiotics; **BC 14.13**Perform the estimation of serum Bilirubin by manual / semi- automated analyzer method.	**BC 12.1**- detoxification and biotransformation of xenobiotics; **BC 14.13**Perform the estimation of serum Bilirubin by manual / semi- automated analyzer method.	**PY REVISION CNS PART II (10.3, 10.14 to 10.18)**	

MONTH	MAY 2025						
WEEK	WEEK 33						
DATE	26	27	28	29	30	31	1
DAY	4th Mon	Tues	Wed	Thurs	Fri	Sat	Sun
8.00 - 9.00 am	VACATION						
9.00 -10.00 am							
10.00 - 11.00 am							
11.00-12.00 noon							
12.00-1.00 pm							
1.00 - 2.00 pm							
2.00 - 4.00 pm							

MONTH	JUNE 2025						
WEEK	WEEK 34						
DATE	2	3	4	5	6	7	8
DAY	1st Mon	Tues	Wed	Thurs	Fri	Sat	Sun
8.00 - 9.00 am	**AN LGT 134: Submandibular region-II(Submandibular gland & ganglion)** AN34.2 Describe & demonstrate the morphology, relations and nerve supply of submandibular salivary gland & submandibularganglion AN34.3 Describe the basis of formation of submandibular stones	**AN LGT 136 : Histo-endocrine glands** AN43.2 Identify, describe and draw the microanatomy of pituitary gland, thyroid, parathyroid gland, AN43.3 Identify, describe and draw microanatomy of pineal gland	**AN LGT 137 : Pituitary gland and its Development** AN43.4 Describe the development and developmental basis of congenital anomalies of Pituitary gland AN30.5 Explain effect of pituitary tumours on visual pathway	**AN LGT 138: Deep structures of neck-I (subclavian arery , Internal jugular vein, & cervical lymph nodes)** AN35.3 Demonstrate & describe the origin, parts, course & branches subclavian artery AN35.9 Describe the clinical features of compression of subclavian artery and lower trunk of brachial plexus by cervical rib AN35.4Describe & demonstrate origin, course, relations, tributaries and termination of internal jugular & brachiocephalic veins AN35.5Describe and demonstrate extent, drainage & applied anatomy of cervical lymph nodes	AN **LGT 140: Eyeball & Lacrimal apparatus** AN41.1 Describe & demonstrate parts and layers of eyeball AN41.2 Describe the anatomical aspects of Cataract, Glaucoma & Central retinal artery occlusion . AN41.3 Describe the position, nerve supply and actions of intraocular muscles AN31.4 Describe the components of lacrimal apparatus	BAKRID	SUNDAY
9.00 -10.00 am		**AN SGT : Histo-endocrine glands (A& B Batch)** AN43.2 Identify, describe and draw the microanatomy of pituitary gland, thyroid, parathyroid gland, AN43.3 Identify, describe and draw microanatomy of pineal gland **AN SGT Thyroid & parathyroid glands (C& D Batch)** AN35.2 Describe & demonstrate location, parts, borders, surfaces, relations, blood supply & applied anatomy of thyroid gland. Also describe the parathyroid glands in brief. AN35.8 Describe the anatomically relevant clinical features of Thyroid swellings	**AN SGT Thyroid & parathyroid glands (A& B Batch)** AN35.2 Describe & demonstrate location, parts, borders, surfaces, relations, blood supply & applied anatomy of thyroid gland. Also describe the parathyroid glands in brief. AN35.8 Describe the anatomically relevant clinical features of Thyroid swellings **AN SGT : Histo-endocrine glands (C& D Batch)** AN43.2 Identify, describe and draw the microanatomy of pituitary gland, thyroid, parathyroid gland, AN43.3 Identify, describe and draw microanatomy of pineal gland	**AN LGT 139: Deep structures of neck-II (cervical sympathetic chain & last four cranial nerves)** AN35.6Describe and demonstrate the extent, formation, relation & branches of cervical sympathetic chain AN35.7Describe the course and branches of IX, X, XI & XII nerve in the neck	**SGT: Eyeball** AN41.1 Describe & demonstrate parts and layers of eyeball . AN41.3 Describe the position, nerve supply and actions of intraocular muscles		
10.00 - 11.00 am	**AN SGT: Submandibular region- II(Submandibular gland & ganglion)** AN34.2 Describe & demonstrate the morphology, relations and nerve supply of submandibular salivary gland & submandibularganglion			**AN SGT : Deep structures of neck** AN35.3 Demonstrate & describe the origin, parts, course & branches subclavian artery AN35.6Describe and demonstrate the extent, formation, relation & branches of cervical sympathetic chain AN35.4Describe & demonstrate origin, course, relations, tributaries and termination of internal jugular & brachiocephalic veins AN35.5Describe and demonstrate extent, drainage & applied anatomy of cervical lymph nodes AN35.6Describe and demonstrate the extent, formation, relation & branches of cervical sympathetic chain	**AN LGT 141 : Embryo Development of Eye** AN43.4 Describe the development and developmental basis of congenital anomalies of eye		
11.00-12.00 noon		**PY LGT Endocrine PY 8.1** Describe hypothalamus pituitary axis **PY 8.2** Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hyper and hypo) secretion of pituitary gland & Growth hormone - 109	**PY LGT Endocrine PY 8.3** Describe the synthesis, secretion, transport, physiological actions, regulation of thyroid gland secretion - 110	**PY SGT Endocrine PY 8.3 Describe the effect of altered (hyper and hypo) secretion of thyroid gland including thyroid function tests INTEGRATED MODULE 5 THYROID CASE BASED DISCUSSION**	**BC 11.2** - Classification & mechanism of hormone action (LGT-52)		
12.00-1.00 pm	**INTEGRATION : MODULE - THYROID GLAND AN LGT 135:Thyroid & Parathyroid glands with development** AN35.2 Describe & demonstrate location, parts, borders, surfaces, relations, blood supply & applied anatomy of thyroid gland. Also describe the parathyroid glands in brief. AN35.8 Describe the anatomically relevant clinical features of Thyroid swellings AN43.4 Describe the development and developmental basis of congenital anomalies of thyroid gland	**SGL CM 2.1** Describe the steps and perform clinico socio-cultural and demographic assessment of the individual, family and community	**BC 7.1-** The integration of various metabolic processes in the body (carbohydrate, lipid, and protein),Feed-fast cycle (LGT-51)	**PY LGT Endocrine PY 8.2** Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hyper and hypo) secretion of posterior pituitary gland - 111	**PY LGT SS PY 11.5** Discuss functional anatomy of eye **PY 11.6** Discuss physiology of image formation, refractive errors and physiological principles of its management - 112		
1.00 - 2.00 pm	LUNCH						
2.00 - 4.00 pm	**PY LGT Endocrine PY 8.1** Describe the functional anatomy of endocrine glands, mechanism of hormonal action (steroid and peptide) - 107	**PY DOAP Revision/Certification** Reflexes & Cerebellar Function Tests A batch	**PY DOAP Revision/Certification Reflexes & Cerebellar Function Tests B batch**	**PY SGT REVISION PCT 2 Theory topics A batch**	**PY SGT REVISION PCT 2 Theory topics B batch**		
	PY LGT Endocrine PY 8.1 Describe hypothalamus pituitary axis **PY 8.2** Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hyper and hypo) secretion of pituitary gland & Growth hormone - 108	**BC 7.2-** mitochondrial dna, mitochondrial transport systems, associated disorders **BC 14.14-**Describe estimation of calcium and phosphorus and interpretation of results.	**BC 7.2-** mitochondrial dna, mitochondrial transport systems, associated disorders **BC 14.14-**Describe estimation of calcium and phosphorus and interpretation of results.	**BC 7.2-** mitochondrial dna, mitochondrial transport systems, associated disorders **BC 14.14-**Describe estimation of calcium and phosphorus and interpretation of results.	**BC 7.2-** mitochondrial dna, mitochondrial transport systems, associated disorders **BC 14.14-**Describe estimation of calcium and phosphorus and interpretation of results.		

MONTH	JUNE 2025						
WEEK	WEEK 35						
DATE	9	10	11	12	13	14	15
DAY	2nd Mon	Tues	Wed	Thurs	Fri	Sat	Sun
8.00 - 9.00 am	**AN LGT 142: Mouth & Tongue with development** AN36.1 Describe and demonstrate the structures of the vestibule of the mouth and oral cavity proper AN39.1 Describe & demonstrate the morphology, nerve supply, embryological basis of nerve supply, blood supply, lymphatic drainage and actions of extrinsic and intrinsic muscles of tongue AN39.2 Explain the anatomical basis of hypoglossal nerve palsy AN43.4 Describe the development and developmental basis of congenital anomalies of tongue,	**AN LGT 144: Histo Eyeball** AN43.2 Identify, describe and draw the microanatomy of cornea, retina AN43.3 Identify, describe and draw microanatomy of eyelid, sclero-corneal junction, optic nerve	**AN LGT 145: Pharynx I (subdivisions & spaces)** AN36.5Describe the pharyngeal spaces. Also describe the boundaries and clinical significance of pyriform fossa AN36.6Describe the anatomical basis of adenoids	**AN LGT 146: Pharynx II** AN36.3 Describe and demonstrate the muscles, nerve supply, blood supply and lymphatic drainage of the pharynx AN36.7Describe the clinical significance of Killian's dehiscence	**AN LGT 148 : Lateral wall of nose & paranasal air sinuses** AN37.1 Describe & demonstrate features of lateral wall of nose their blood supply and nerve supply AN37.2 Describe location and functional anatomy of paranasal sinuses AN37.3 Describe anatomical basis of sinusitis & maxillary sinus tumours	SECOND SATURDAY	SUNDAY
9.00 -10.00 am	**AN LGT 143: Palatine tonsils & soft palate** AN36.2Describe the 1) morphology, relations, blood supply andapplied anatomy of palatine tonsil 2) composition of soft palate AN36.6Describe the anatomical basis of tonsillitis, tonsillectomy, and peri-tonsillar abscess AN36.4Describe the components and functions of Waldeyer's lymphatic ring	**AN SGT : Histo Eyeball (A& B Batch)** AN43.2 Identify, describe and draw the microanatomy of cornea, retina AN43.3 Identify, describe and draw microanatomy of eyelid, sclero-corneal junction, optic nerve AN **SGT : Tongue, soft palate & tonsil (C& D Batch)** AN39.1 Describe & demonstrate the morphology, nerve supply, embryological basis of nerve supply, blood supply, lymphatic drainage and actions of extrinsic and intrinsic muscles of tongue AN36.2Describe the 1) morphology, relations, blood supply andapplied anatomy of palatine tonsil 2) composition of soft palate	AN **SGT :Tongue, soft palate & tonsil (A& B Batch)** AN39.1 Describe & demonstrate the morphology, nerve supply, embryological basis of nerve supply, blood supply, lymphatic drainage and actions of extrinsic and intrinsic muscles of tongue AN36.2Describe the 1) morphology, relations, blood supply andapplied anatomy of palatine tonsil 2) composition of soft palate **AN LGT : Histo Eyeball (C& D Batch)** AN43.2 Identify, describe and draw the microanatomy of cornea, retina AN43.3 Identify, describe and draw microanatomy of eyelid, sclero-corneal junction, optic nerve	**AN SGT: Pharynx** AN36.3 Describe and demonstrate the muscles, nerve supply, blood supply and lymphatic drainage of the pharynx			
10.00 - 11.00 am	**PY PART COMPLETION TEST 2 THEORY Gastrointestinal Physiology, Renal Physiology, Reproduction, Respiratory Physiology, Neurophysiology (10.1 to 10.19)**			**AN LGT 147: Nasal septum** AN37.1 Describe & demonstrate features of nasal septum, their blood supply and nerve supply	**AN SGT: Nose -Nasal septum & Lateral wall of nose** AN37.1 Describe & demonstrate features of nasal septum, lateral wall of nose, their blood supply and nerve supply AN37.2 Describe location and functional anatomy of paranasal sinuses		
11.00-12.00 noon		**PY DOAP General Inst-1 to 6 cranial nerves A batch PY 10.20** Obtain relevant history and conduct general and clinical examination of the 1-6 cranial nerves	**PY LGT SS PY 11.7** Discuss Physiology of vision – photochemistry - 113	**PY SGT SS PY 11.5** Discuss visual pathway and clinical implication of lesions in visual pathway, light and pupillary reflex	**BC 10.1**- Nucleotides and Nucleic acids and their clinical significance, Synthetic analogs (LGT-54)		
12.00-1.00 pm		**SGL CM 2.2** Describe the socio-cultural factors, family (types), its role in health and disease & demonstrate in a simulated environment the correct assessment of socio-economic status	**BC 11.1**-Describe the function tests of kidney and it's clinical significance. Interpret the function tests report. (LGT-53)	**PY DOAP General Inst-7 to 12 cranial nerves PY 10.20** Obtain relevant history and conduct general and clinical examination of the 7-12 cranial nerves General instructions	**PY LGT SS PY 11.7** Discuss physiology of colour vision and colour blindness - 114		
1.00 - 2.00 pm	LUNCH						
2.00 - 4.00 pm	**PY VIVA PCT 2 THEORY**	**PY DOAP Demo and Prac - 1 to 6 cranial nerves A batch PY 10.20** Obtain relevant history and conduct general and clinical examination of the 1-6 cranial nerves	**PY DOAP Demo and Prac - 1 to 6 cranial nerves B batch PY 10.20** Obtain relevant history and conduct general and clinical examination of the 1-6 cranial nerves	**PY DOAP Demo and Prac - 7 to 12 cranial nerves A batch PY 10.20** Obtain relevant history and conduct general and clinical examination of the 7-12 cranial nerves	**PY DOAP Demo and Prac - 7 to 12 cranial nerves B batch PY 10.20** Obtain relevant history and conduct general and clinical examination of the 7-12 cranial nerves		
		BC 11.1-Describe the function tests of thyroid and adrenal glands and their clinical significance. Interpret the function tests report.	**BC 11.1**-Describe the function tests of thyroid and adrenal glands and their clinical significance. Interpret the function tests report.	**BC 11.2**-Enumerate the hormones and markers related to reproduction and reproductive health and their clinical interpretation (For e.g. LH, FSH, prolactin, beta-HCG, Estrogen Progesterone, testosterone and AMH. Discuss importance of prenatal screening.	**BC 11.2**-Enumerate the hormones and markers related to reproduction and reproductive health and their clinical interpretation (For e.g. LH, FSH, Prolactin, beta-HCG, Estrogen Progesterone, testosterone and AMH. Discuss importance of prenatal screening.		

MONTH	JUNE 2025						
WEEK	WEEK 36						
DATE	16	17	18	19	20	21	22
DAY	3rd Mon	Tues	Wed	Thurs	Fri	Sat	Sun
8.00 - 9.00 am	**AN LGT 149:Larynx-I** AN38.1 Describe & demonstrate the morphology and actions of intrinsic and extrinsic muscles of the larynx	**AN LGT 151: Histo-Tongue, lip,epiglottis & olfactory epithelium** AN43.2 Identify, describe and draw the microanatomy of tongue, epiglottis, AN43.3 Identify, describe and draw microanatomy of olfactory epithelium & lip	**AN LGT 152: Embryo-Development of face & palate** AN43.4 Describe the development and developmental basis of congenital anomalies of face & palate	**AN LGT 153: Organs of hearing & equilibrium (External ear & tympanic membrane)** AN40.1Describe & identify the parts, blood supply and nerve supply of external ear AN40.2Describe & demonstrate the lateral boundary of middle ear AN40.4 Explain anatomical basis of otitis externa AN40.5 Explain anatomical basis of myringotomy	**AN LGT 156: Facial nerve** AN28.4 Describe & demonstrate branches of facial nerve with distribution AN28.7 Explain the anatomical basis of facial nerve palsy	**AN LGT 157: Back region- Suboccipital triangle & contents of vertebral canal** AN42.1 Describe and demonstrate the contents of the vertebral canal AN42.2 Describe & demonstrate the boundaries and contents of Suboccipital triangle AN42.3 Describe the position, direction of fibres, relations, nerve supply, actions of semispinalis capitis and splenius capitis	SUNDAY
9.00 -10.00 am	**AN LGT 150: Larynx-II** AN38.1 identify structure of the wall,describe & demonstrate nerve supply & blood supply of larynx AN38.2Describe the anatomical aspects of laryngitis AN38.3 Describe anatomical basis of recurrent laryngeal nerve injury	**AN SGT: Histo-Tongue, lip,epiglottis & olfactory epithelium (A&B Batch)** AN43.2 Identify, describe and draw the microanatomy of tongue, epiglottis, AN43.3 Identify, describe and draw microanatomy of olfactory epithelium & lip AN **SGT : larynx (C&D Batch)** AN38.1 Describe & demonstrate the morphology, identify structure of the wall, nerve supply, blood supply and actions of intrinsic and extrinsic muscles of the larynx	**AN SGT:larynx (A&B Batch)** AN38.1 Describe & demonstrate the morphology, identify structure of the wall, nerve supply, blood supply and actions of intrinsic and extrinsic muscles of the larynx AN **SGT 3: Histo-Tongue, lip,epiglottis & olfactory epithelium (C&D Batch)** AN43.2 Identify, describe and draw the microanatomy of tongue, epiglottis, AN43.3 Identify, describe and draw microanatomy of olfactory epithelium & lip	**AN LGT 154: Middle ear** AN40.2Describe & demonstrate the boundaries, contents, relations and functional anatomy of middle ear and auditory tube AN40.4 Explain anatomical basis of otitis media AN40.5 Explain anatomical basis of myringotomy	**AN SGT :- Ear - External & Middle ear** AN40.1 Describe & identify the parts, blood supply and nerve supply of external ear AN40.2 Describe & demonstrate the boundaries, contents, relations and functional anatomy of middle ear and auditory tube	**AN SGT: Back region-Suboccipital triangle & contents of vertebral exanal** AN42.1 Describe and demonstrate the contents of the vertebral canal AN42.2 Describe & demonstrate the boundaries and contents of Suboccipital triangle	
10.00 - 11.00 am	**BC INTERNAL ASSESSMENT 5** BC 8.2-Dietary fibre, BC 8.2-Protein energy malnutrition, BC 14.23, BC 8.5, BC 5.3, BC 5.6 - Ammonia, BC 5.6- urea cycle, BC 5.7-Glycine, alanine, serine, threonine BC 5.7- Sulphur containing aminoacids, BC 5.7-acidic and basic amino acids, BC 5.7- one carbon metabolism, BC 5.7- Phenyl alanine & tyrosine metabolism, BC 5.7- Tryptophan & histidine and proline, BC 9.3 pH BC 9.3- Water & electrolyte balance of body fluids: BC 9.3-the derangements associated with water & electrolyte balance of body fluids Bc 12.1- detoxification and biotransformation of xenobiotics; C 7.2-, redox potentials, BC 7.2- chemiosmotic theory, inhibitors of etc& oxidative phosphorylation, uncouplers, shuttle pathways			**AN LGT 155: Internal Ear** AN40.3 Describe the features of internal ear AN43.3 Identify, describe and draw microanatomy of cochlea-organ of corti			
11.00-12.00 noon		**PY LGT SS PY 11.2** Describe and discuss physiology of taste and its applied aspects -116	**PY SGT SS PY 11.3** Describe and discuss functional anatomy of ear and functions of middle ear	**PY LGT SS PY 11.4** Discuss physiology of hearing - 117	**BC 10.3**- disorders of purine metabolism, and pyrimidine metabolism (LGT-56)	**PY SGT SS 11.3** Describe and discuss functional anatomy of vestibular apparatus and equilibrium	
12.00-1.00 pm		**SGL-- CM 2.3** Describe and demonstrate in a simulated environment the assessment of barriers to good health and health seeking behavior	**BC 10.2**- biosynthesis of purine nucleotides, salvage pathway, de novo synthesis of pyrimidine (LGT-55)	**PY SGT SS PY 11.3, 11.4** Discuss auditory pathways, pathophysiology of deafness and hearing tests	**PY LGT SS 11.3** Describe and discuss functional anatomy of vestibular apparatus and equilibrium - 118	**AN LGT 158: Atlantooccipital joint & Atlantoaxial joint** AN43.1 Describe & demonstrate the movements with muscles producing the movements of atlantooccipital joint & atlantoaxial joint	
1.00 - 2.00 pm	LUNCH						
2.00 - 4.00 pm	**PY LGT SS PY 11.1** Describe and discuss physiology of smell and its applied aspects - 115	**PY DOAP Revision - 1 to 12 cranial nerves A batch PY 10.20** Obtain relevant history and conduct general and clinical examination of the 7-12 cranial nerves	**PY DOAP Revision - 1 to 12 cranial nerves B batch** PY 10.20 Obtain relevant history and conduct general and clinical examination of the 7-12 cranial nerves	**PY DOAP Certification - 1 to 12 cranial nerves A batch PY 10.20** Obtain relevant history and conduct general and clinical examination of the 7-12 cranial nerves	**PY DOAP Certification - 1 to 12 cranial nerves B batch PY 10.20** Obtain relevant history and conduct general and clinical examination of the 7-12 cranial nerves	BC 14.22- Describe performance of OGTT, Glucose Challenge Test and HbA1c and interpretation of results with clinical scenarios.	
	PY SGT CHARTS DISCUSSION NEUROPHYSIOLOGY	**BC 12.1**-Describe the role of xenobiotics in disease in health and disease; Bc 12.2-the anti-oxidant defense systems in the body. **BC-12.3** -the role of oxidative stress in the pathogenesis of conditions such as cancer, complications of diabetes mellitus and atherosclerosis	**BC 12.1**-Describe the role of xenobiotics in disease in health and disease; Bc 12.2-the anti-oxidant defense systems in the body. BC-12.3 -the role of oxidative stress in the pathogenesis of conditions such as cancer, complications of diabetes mellitus and atherosclerosis	BC 12.1-Describe the role of xenobiotics in disease in health and disease; Bc 12.2-the anti-oxidant defense systems in the body. BC-12.3 -the role of oxidative stress in the pathogenesis of conditions such as cancer, complications of diabetes mellitus and atherosclerosis	BC 12.1-Describe the role of xenobiotics in disease in health and disease; Bc 12.2-the anti-oxidant defense systems in the body. BC-12.3 -the role of oxidative stress in the pathogenesis of conditions such as cancer, complications of diabetes mellitus and atherosclerosis	BC 14.22- Describe performance of OGTT, Glucose Challenge Test and HbA1c and interpretation of results with clinical scenarios.	

MONTH	JUNE 2025						
WEEK	WEEK 37						
DATE	23	24	25	26	27	28	29
DAY	4th Mon	Tues	Wed	Thurs	Fri	Sat	Sun
8.00 - 9.00 am	**AN LGT 159: Genetics-Chromosomes & clinical genetics** AN73.1Describe the structure of chromosomes with classification AN73.2 Describe technique of karyotyping with its applications AN73.3 Describe the Lyon's hypothesis AN75.5 Describe in brief: genetic counseling, karyotyping, FISH, PCR and genetic sequencing	**AN LGT 160: Genetics-Patterns of inheritance** AN74.1 Describemendelian and non-mendelian inheritance. Explain various modes of inheritance with examples. AN74.2 Draw pedigree charts for the various types of inheritance & give examples of diseases of each mode of inheritance AN74.3 Describe multifactorial inheritance with examples AN74.4 Describe the genetic basis & clinical features of Achondroplasia, Cystic Fibrosis, Vitamin D resistant	**AN LGT 161:Genetics-Principle of genetics & chromosomal aberrations** AN75.1 Describe the structural and numerical chromosomal aberrations AN75.2 Explain the terms mosaics and chimeras with example AN75.3 Describe the genetic basis & clinical features of: Prader Willi syndrome, Edward syndrome, Patau syndrome, Down syndrome, Turner Syndrome & Klinefelter syndrome AN75.4 Describe genetic basis of variation: polymorphism and mutation	AN 28.9, 31.1, 35.2 & 35.5			SUNDAY
9.00 -10.00 am	**AN SGT: Surface marking/simulated virtual learning/Radiology (A,B,C& D Batches)** **SGT: Surface marking** AN43.5 Demonstrate- Palpation of 1)carotid arteries, facial artery, superficial temporal artery, 2) Location of hyoid bone, thyroid cartilage and cricoid cartilage with their vertebral levels, 43.6 Demonstrate surface projection & location of- Thyroid gland, Parotid gland and duct, Pterion, Common carotid artery, Internal jugular vein, Subclavian vein, External jugular vein, Facial artery in the face & accessory nerve AN **SGT: Simulated virtual learning** AN43.5 Demonstrate- Testing of muscles of facial expression, extraocular muscles, muscles of mastication AN **SGT: Radiology** AN 43.7 Identify the anatomical structures in 1) Plain x-ray skull, 2) AP view and lateral view 3) Plain x-ray cervical spine- AP and lateral view 4) Plain x- ray of paranasal sinuses AN43.8 Describe the anatomical route used for carotid angiogram and vertebral angiogram AN43.9 Identify anatomical structures in carotid angiogram and vertebral angiograam	**AN SGT: Revision-Gross Anatomy / Histology / Osteology / Embryology Models**	**AN SGT: Revision-Gross Anatomy / Histology / Osteology / Embryology Models**	**AN SGT: Revision-Gross Anatomy / Histology / Osteology / Embryology Models**	**SGT: ANATOMY INTERNAL ASSESSMENT** **Head & Neck + Genetics**	**SGT: ANATOMY INTERNAL** **Head & Neck + Genetics**	
10.00 - 11.00 am							
11.00-12.00 noon		**PY SEMINAR CNS PART 2 AND SPECIAL SENSES**	**PY SEMINAR CNS PART 2 AND SPECIAL SENSES**	**PY LGT Endocrine PY 8.6** Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hyper and hypo) secretion of pancreatic gland including pancreatic function tests - 119	BC 10.4- DNA- Replication, Modification and Replication (LGT-58)	**PY LGT Endocrine PY 8.7** Describe the physiology of thymus & pineal gland - 121	
12.00-1.00 pm		SGL CM 2.3 Describe and demonstrate in a simulated environment the assessment of barriers to good health and health seeking behavior	**BC 10.4-** structure of DNA, DNA organisation (LGT-57)	**PY SGT Endocrine PY 8.6** Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hyper and hypo) secretion of pancreatic gland including pancreatic function tests	**PY INTEGRATED MODULE 6 DIABETES MELLITUS CASE BASED DISCUSSION - 120**	**HEAD & NECK SPOTTERS**	
1.00 - 2.00 pm	**LUNCH**						
2.00 - 4.00 pm	**PY SGT REVISION SPECIAL SENSES**	**PY DOAP Revision** Clinical Physiology practical A batch	**PY DOAP Revision** Clinical Physiology practical B batch	**PY DOAP Revision** Clinical Physiology practical A batch	**PY DOAP Revision** Clinical Physiology practical B batch	Bc 10.5- genetic code, basic principles of inheritance, mutation	
	PY SGT CHARTS DISCUSSION SPECIAL SENSES	Bc 10.5- cell cycle and its check points, dna repair mechanisms; BC 14.19-Explain the basis and rationale of Biochemical tests done and interpretation of laboratory results (CHARTS)	Bc 10.5- cell cycle and its check points, dna repair mechanisms; BC 14.19-Explain the basis and rationale of Biochemical tests done and interpretation of laboratory results (CHARTS)	Bc 10.5- cell cycle and its check points, dna repair mechanisms; BC 14.19-Explain the basis and rationale of Biochemical tests done and interpretation of laboratory results (CHARTS)	Bc 10.5- cell cycle and its check points, dna repair mechanisms; BC 14.19-Explain the basis and rationale of Biochemical tests done and interpretation of laboratory results (CHARTS)	Bc 10.7- mutation detection techniques, dna sequencing, next generation sequencing (including third & fourth)	

MONTH	JULY 2025						
WEEK	WEEK 38						
DATE	30	1	2	3	4	5	6
DAY	5th Mon	Tues	Wed	Thurs	Fri	Sat	Sun
8.00 - 9.00 am	SGT: ANATOMY INTERNAL ASSESSMENT Head & Neck + Genetics	**AN LGT 162: Spinal Cord** AN57.2 Describe extent of spinal cord in child & adult with its clinical implication AN57.3 Draw & label transverse section of spinal cord at mid-cervical & mid-thoracic level	**AN LGT 164: Medulla Oblongata** AN58.2 Describe transverse section of medulla oblongata at the level of 1)pyramidal decussation, 2) sensory decussation 3) Inferior Olivary Nucleus AN58.3 Describe cranial nerve nuclei in medulla oblongata with their functional Group AN58.4 Describe the anatomical basis of clinical conditions affecting the medulla oblongata (Medial and lateral medullary syndromes, Crossed Diplegia)	**AN LGT 165: Pons** AN59.2 Draw & label transverse section of pons at the upper and lower level AN59.3 Describe cranial nerve nuclei in pons with their functional group AN59.4 Describe the anatomical basis of clinical conditions affecting the pons (Locked-in syndrome, Pontine haemorrhage, Foville syndrome,Raymond syndrome, Millard-Gubler syndrome)	**AN LGT 167: Cerebellum** AN60.2 Describe connections of cerebellar cortex and intracerebellar nuclei AN60.3 Describe anatomical basis of cerebellar dysfunction	**AN LGT 168: Midbrain** AN61.2 Describe internal features of midbrain at the level of superior &inferior colliculus AN61.3 Describe the anatomical basis of clinical conditions affecting the midbrain (Weber syndrome, Benedikt syndrome, Parinaud syndrome)	SUNDAY
9.00 -10.00 am		**AN LGT 163 : Spinal Cord** AN57.4 Enumerate ascending & descending tracts at mid thoracic level of spinal cord AN57.5 Describe the anatomical basis of clinical conditions affecting the grey and white matter of spinal cord (Brown-Sequard Syndrome, Poliomyelitis, Amyotrophic lateral sclerosis or motor neuron disease, Syringomyelia, Hereditary sensory neuropathy, Subacute Combined degeneration,Transversemyelitis, paraplegia)		**AN SGT : Pons** AN59.1 Identify external features of pons		**AN SGT: Midbrain** AN61.1 Identify external & internal features of midbrain	
10.00 - 11.00 am		**AN SGT: Spinal cord** AN57.1 Identify external features of spinal cord	**AN SGT : Medulla Oblongata** AN58.1 Identify external features of medulla oblongata	**AN LGT 166: Fourth Ventricle** AN63.1 Describe & demonstrate parts, boundaries & features of 4th Ventricle AN63.2 Describe anatomical basis of congenital hydrocephalus	**AN SGT: Cerebellum & Fourth ventricle** AN60.1 Demonstrate external & internal features of cerebellum AN63.1 Demonstrate parts, boundaries & features of 4th Ventricle	**AN LGT 169: Functional Components** AN62.1 Describe the cranial nerve nuclei with its functional components	
11.00-12.00 noon	**AN SGT: Introduction to NeuroAnatomy +Meninges & CSF** AN56.1 Identify various layers of meninges with its extent & modifications	**PY LGT Endocrine PY 8.4** Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hyper and hypo) secretion of adrenal cortex and its function tests - 123	**PY SGT Endocrine PY 8.4** Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hyper and hypo) secretion of adrenal cortex and its function tests	**PY LGT Endocrine PY 8.4** Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hyper and hypo) secretion of adrenal medulla and its function tests - 124	**BC 10.4**- types of RNA, Post transcriptional modifications & Inhibitors of transcription (LGT-60)	**PY LGT IP PY 12.1** Describe physiological mechanism of temperature regulation - 125	
12.00-1.00 pm	AN56.2 Describe formation, circulation and absorption of CSF with its applied anatomy.	SGL CM 2.4 Describe social psychology, community behaviour and community relationship and their impact on health and disease	**BC10.4**- Transcription (LGT-59)	**PY SGT CHARTS DISCUSSION ENDOCRINE PHYSIOLOGY**	**PY SGT REVISION ENDOCRINE PHYSIOLOGY**	**AN LGT 170: Cerebral hemispheres** AN62.2 Describe & demonstrate surfaces, sulci, gyri, poles, & functional areas of cerebral hemisphere. Also describe the effects of damage to various functional areas of cerebral cortex	
1.00 - 2.00 pm	LUNCH						
2.00 - 4.00 pm	**PY LGT Endocrine PY 8.5** Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hyper and hypo) secretion of parathyroid gland with emphasis of physiology of bone and calcium metabolism - 122	**PY PART COMPLETION TEST 2 PRACTICAL-CLINICAL PHYSIOLOGY A1 batch**	**PY PART COMPLETION TEST 2 PRACTICAL-CLINICAL PHYSIOLOGY B1 batch**	**PY PART COMPLETION TEST 2 PRACTICAL-CLINICAL PHYSIOLOGY A2 batch**	**PY PART COMPLETION TEST 2 PRACTICAL-CLINICAL PHYSIOLOGY B2 batch**	**BC**-oncogenesis, oncogenes, tumor supressor genes & apoptosis	
	PY TUT Endocrine PY 8.5 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hyper and hypo) secretion of parathyroid gland with emphasis of physiology of bone and calcium metabolism	Bc 13.2- various biochemical tumor markers and the biochemical basis of cancer therapy.	Bc 13.2- various biochemical tumor markers and the biochemical basis of cancer therapy.	Bc 10.7- hybridisation & blotting techniques;Bc 10.7- nucleic acid techniques- microarray, fish, crispr	Bc 10.7- hybridisation & blotting techniques;Bc 10.7- nucleic acid techniques- microarray, fish, crispr	Bc 13.3- HIV and biochemical changes in AIDS.	

MONTH	JULY 2025						
WEEK	WEEK 39						
DATE	7	8	9	10	11	12	13
DAY	1st Mon	Tues	Wed	Thurs	Fri	Sat	Sun
8.00 - 9.00 am	**AN LGT 171: Histology of Cerebrum, Cerebellum and Spinal Cord** AN64.1 Describe the microanatomical features of Spinal cord, Cerebellum & Cerebrum	**AN LGT 172: White Matter of Cerebral Hemisphere** AN62.3 Describe the white matter of cerebrum. Also describe the effects of damage to corpus callosum and different parts of internal capsule	**AN LGT 174: Diencephalon I** AN62.5 Describe boundaries, parts, gross relations, major nuclei and connections of dorsal thalamus, epithalamus, metathalamus.	**AN LGT 176: Limbic Lobe** AN62.4 Describe the parts & major connections of limbic lobe.	**AN LGT 178: Blood Supply of Brain** AN62.6 Describe & identify formation, branches & major areas of distribution of circle of Willis	SECOND SATURDAY	SUNDAY
9.00 -10.00 am	**AN SGT: Histology of Cerebrum, Cerebellum and Spinal Cord (A,B)** AN64.1 Describe & identify the microanatomical features of Spinal cord, Cerebellum & Cerebrum AN **SGT: Cerebral hemispheres(C,D)** AN62.2 Describe & demonstrate surfaces, sulci, gyri, poles, & functional areas of cerebral hemisphere. Also describe the effects of damage to various functional areas of cerebral cortex	**AN LGT 173: Lateral Ventricle** AN63.1 Describe & demonstrate parts, boundaries & features of lateral ventricle AN63.2 Describe anatomical basis of congenital hydrocephalus	**AN LGT 175: Diencephalon II & 3rd Ventricle** AN62.5 Describe boundaries, parts, gross relations, major nuclei and connections of hypothalamus and subthalamus AN63.1 Describe & demonstrate parts, boundaries & features of 3rd ventricle AN63.2 Describe anatomical basis of congenital hydrocephalus	**AN LGT 177: Basal Ganglia** AN62.4 Describe the parts & major connections of basal ganglia. Also explain the anatomical basis of Parkinson's disease, chorea, athetosis and ballismus	**AN SGT: Blood Supply of Brain** AN62.6 Describe & identify formation, branches & major areas of distribution of circle of Willis		
10.00 - 11.00 am		**AN SGT: Lateral Ventricle** AN63.1 Describe & demonstrate parts, boundaries & features of lateral ventricle	**AN SGT: Third Ventricle** AN63.1 Describe & demonstrate parts, boundaries & features of lateral ventricle	**AN SGT: Revision**	**AN SGT: OSCE -Clinical Anatomy** AN 56.2,57.5,58.4, 59.4,61.3,62.2,62.3,62.4, 64.3		
11.00-12.00 noon	**AN SGT: Histology of Cerebrum, Cerebellum and Spinal Cord (C,D)** AN64.1 Describe & identify the microanatomical features of Spinal cord, Cerebellum & Cerebrum AN **SGT: Cerebral hemispheres (A,B)** AN62.2 Describe & demonstrate surfaces, sulci, gyri, poles, & functional areas of cerebral hemisphere. Also describe the effects of damage to various functional areas of cerebral cortex	**PY LGT IP PY 12.2** Discuss adaptation to altered temperature (heat and cold) and mechanism of fever, cold injuries and heat stroke - 126	**PY LGT IP PY 12.4** Discuss physiological consequences of sedentary lifestyle; metabolic and endocrinal consequences of obesity & metabolic syndrome - 127	**PY LGT IP PY 12.3** Discuss cardio-respiratory and metabolic adjustments during exercise (isometric and isotonic), effects of training under different environmental conditions (heat and cold) - 128	**BC 10.4**- Post translational modifications, Protein folding and chaperons, Inhibitors of translation (LGT-65)		
12.00-1.00 pm		**SGL--CM 5.15** Demonstrate knowledge of the role of nutrition in health promotion and disease prevention	**BC 10.4**- Protein synthesis- Translation (LGT-61)	**PY LGT IP PY 12.3** Discuss cardio-respiratory and metabolic adjustments during exercise (isometric and isotonic), effects of training under different environmental conditions (heat and cold) - 129	**PY SGT REVISION** Special senses and Endocrinology		
1.00 - 2.00 pm	LUNCH						
2.00 - 4.00 pm	**PY SEMINAR ENDOCRINE PHYSIOLOGY**	**PY DOAP Revision** Hematology A batch	**PY DOAP Revision** Hematology B batch	**PY DOAP Revision** General Ex, CVS Ex, Pulse, BP and OSCE A batch	**PY DOAP Revision** General Ex, CVS Ex, Pulse, BP and OSCE B batch		
		BC 14.17 Describe briefly various body fluids & discuss the composition of CSF. **(SGD)**	**BC 14.17** Describe briefly various body fluids & discuss the composition of CSF. **(SGD)**	**.BC 6.3**- Describe protein targeting & sorting along with its associated disorders.Biochemistry of aging **- SGD**	**.BC 6.3**- Describe protein targeting & sorting along with its associated disorders.Biochemistry of aging **SGD**		

MONTH	JULY 2025						
WEEK	WEEK 40						
DATE	14	15	16	17	18	19	20
DAY	2nd Mon	Tues	Wed	Thurs	Fri	Sat	Sun
8.00 - 9.00 am	**AN LGT 179: Special sensory pathways** Describe the olfactory, visual, auditory and gustatory pathways	**AN LGT 180: Embryology- Nervous System** AN64.2 Describe the development of neural tube, spinal cord, medulla oblongata, pons, midbrain, cerebral hemisphere & cerebellum AN64.3 Describe various types of open neural tube defects with its embryological basis	**SGT: ANATOMY INTERNAL ASSESSMENT-THEORY NEUROANATOMY**	**SGT: ANATOMY INTERNAL ASSESSMENT-PRACTICALS SPOTTERS / DISCUSSION/ VIVA VOCE NEUROANATOMY**	**SGT: ANATOMY INTERNAL ASSESSMENT-PRACTICALS SPOTTERS / DISCUSSION/ VIVA VOCE NEUROANATOMY**	**AETCOM 8 : AETCOM 1.4 Discussion & Closure The foundations of Communication-1**	SUNDAY
9.00 -10.00 am	**NEUROANATOMY -Gross Anatomy/ Histology Revision**	**NEUROANATOMY -Gross Anatomy/ Histology Revision**				**AETCOM 7 : AETCOM 1.4 SDL The foundations of Communication-1**	
10.00 - 11.00 am	**PY IINTERNAL ASSESSMENT SPECIAL SENSES AND ENDOCRINE PHYSIOLOGY**					AN **AETCOM 5 & 6: 1.5 Discussion & Closure : Cadaver as a teacher + Cadaver Ethics** AN 82.1 Demonstrate respect, and follow the correct procedure when handling cadavers and other biologic tissue	
11.00-12.00 noon		**PY LGT IP PY 12.5** Describe physiology of infancy, interpret growth charts and anthropometric assessment of infants - 128	**PY SGT IP PY 12.6** Describe and discuss physiology of aging, role of free radicals and antioxidants	**PY SGT IP PY 12.7** Discuss the concept, criteria for diagnosis of brain death and its implications	**BC 10.7**-Recombinant DNAtechnology, Gene therapy (LGT-67)	**PY SGT REVISION GASTROINTESTINAL PHYSIOLOGY**	
12.00-1.00 pm		**SGL CM 2.5** Describe poverty and social security measures and its relationship to health and disease	**BC 10.6**- Basic mechanism of regulation of gene expression (LGT-66)	**PY SGT IP PY 12.8** Discuss physiology of yoga and meditation	**PY SGT REVISION INTEGRATED PHYSIOLOGY**	**INTERNAL ASSESSMENT -** **(SPOTTERS / DISCUSSION - HEAD NECK & NEUROANATOMY)**	
1.00 - 2.00 pm	**LUNCH**						
2.00 - 4.00 pm	**PY VIVA SPECIAL SENSES AND ENDOCRINE PHYSIOLOGY**	**PY DOAP Revision** Abdomen Ex, RS Ex and OSCE A batch	**PY DOAP Revision** Abdomen Ex, RS Ex and OSCE B batch	**PY DOAP Revision** Motor system, reflexes, CFT, sensory system and OSCE A batch	**PY DOAP Revision** Motor system, reflexes, CFT, sensory system and OSCE B batch	**PY SGT REVISION GENERAL PHYSIOLOGY AND BLOOD**	
		BC 14.18 Observe use of commonly used equipments/techniques in Biochemistry laboratory including: • pH meter , ABG analyser, electrolyte analysers/ ISE - **DOAP SESSION**	**BC 14.18**Observe use of commonly used equipments/techniques in Biochemistry laboratory including: • pH meter , ABG analyser, electrolyte analysers/ ISE- **DOAP SESSION**	**BC 14.18**Observe use of commonly used equipments/techniques in Biochemistry laboratory including: • pH meter , ABG analyser, electrolyte analysers/ ISE - **DOAP SESSION**	**BC 14.18**Observe use of commonly used equipments/techniques in Biochemistry laboratory including: • pH meter , ABG analyser, electrolyte analysers/ ISE- **DOAP SESSION**		

MONTH	JULY 2025						
WEEK	WEEK 41						
DATE	21	22	23	24	25	26	27
DAY	3rd Mon	Tues	Wed	Thurs	Fri	Sat	Sun
8.00 - 9.00 am	AN SGT REVISION (UPPER LIMB /HISTOLOGY)	AN SGT REVISION (LOWER LIMB/HISTOLOGY)	AN SGT REVISION(ABDOMEN/HISTOLOGY)	AN SGT REVISION(PELVIS /HISTOLOGY)	AN SGT REVISION(THORAX & NEURO ANATOMY/HISTOLOGY)	AN SGT REVISION (HEAD & NECK/HISTOLOGY)	SUNDAY
9.00 -10.00 am							
10.00 - 11.00 am	BC INTERNAL ASSESSMENT 6- INTEGRATION OF METABOLISM; MECHANISM OF HORMONE ACTION ; XENOBIOTICS; RENAL FUNCTION TEST: TUMOUR MARKERS: PRENATAL SCREENING: FREE RADICALS & ANTI- OXIDANTS; NUCLEOTIDE CHEMISTRY & METABOLISM : MOLECULAR BIOLOGY & TECHNIQUES						
11.00-12.00 noon		PY SGT REVISION RENAL PHYSIOLOGY	PY SGT REVISION RESPIRATORY PHYSIOLOGY	PY SGT REVISION CENTRAL NERVOUS SYSTEM PHYSIOLOGY	BC SGT REVISION	PY SGT REVISION ENDOCRINE PHYSIOLOGY AND REPRODUCTION	
12.00-1.00 pm		CM 5.17 Ability to counsel mothers on breast feeding with focus on attachment to breast and correct position of the newborn; CM 5.18 Ability to counsel mothers on complementary feeding using National guidelines while being sensitive of cultural and socioeconomic influences	BC SGT REVISION		PY SGT REVISION SPECIAL SENSES	AN SGT REVISION (Thorax)	
1.00 - 2.00 pm	LUNCH						
2.00 - 4.00 pm	PY SGT REVISION CARDIOVASCULAR PHYSIOLOGY	PY DOAP Revision - 1 to 12 Cranial nerves and OSCE A batch	PY DOAP Revision - 1 to 12 Cranial nerves and OSCE B batch	PY DOAP Revision Human experiments - Ergography, ECG, Spirometry and PEFR A batch	PY DOAP Revision Human experiments - Ergography, ECG, Spirometry and PEFR B batch	CM 5.19 Assess the nutritional content of processed foods learning to understand labels, and empower patients to make informed nutritional decisions; CM 5.20 Counsel for diet modification for a diabetic/ hypertensive/obese individual	
		PRILMS-1	PRILMS-1	PRILMS-1	PRILMS-1		

MONTH	JULY 2025						
WEEK	WEEK 42						
DATE	28	29	30	31	1	2	3
DAY	4th Mon	Tues	Wed	Thurs	Fri	Sat	Sun
8.00 - 9.00 am	ANATOMY PRELIMS PAPER I REVISION	ANATOMY PRELIMS PAPER II REVISION	AN SGT REVISION (EMBRYOLOGY/CLINICAL CHARTS)	AN SGT REVISION (OSTEOLOGY/RADIOLOGY	AN SGT REVISION (HISTOLOGY)	AN SGT REVISION (GROSS & SURFACE MARKING)	SUNDAY
9.00 -10.00 am							
10.00 - 11.00 am	ANATOMY PRELIMS PAPER I	ANATOMY PRELIMS PAPER II	PHYSIOLOGY PRELIMS PAPER I	PHYSIOLOGY PRELIMS PAPER II	BIOCHEMISTRY PRELIMS PAPER I	BIOCHEMISTRY PRELIMS PAPER I	
11.00-12.00 noon							
12.00-1.00 pm							
1.00 - 2.00 pm							
2.00 - 4.00 pm							

MONTH	AUGUST 2025						
WEEK	WEEK 43						
DATE	4	5	6	7	8	9	10
DAY	Mon	Tues	Wed	Thurs	Fri	Sat	Sun
8.00 - 9.00 am	PRELIMS PRACTICALS	PRELIMS PRACTICALS	PRELIMS PRACTICALS	PRELIMS PRACTICALS	PRELIMS PRACTICALS	SECOND SATURDAY	SUNDAY
9.00 -10.00 am							
10.00 - 11.00 am							
11.00-12.00 noon							
12.00-1.00 pm							
1.00 - 2.00 pm							
2.00 - 4.00 pm							

MONTH	AUGUST 2025						
WEEK	WEEK 44						
DATE	11	12	13	14	15	16	17
DAY	Mon	Tues	Wed	Thurs	Fri	Sat	Sun
8.00 - 9.00 am	PRELIMS PRACTICALS	PRELIMS PRACTICALS	PRELIMS PRACTICALS	PRELIMS PRACTICALS	INDEPENDENCE DAY	PRELIMS PRACTICALS	SUNDAY
9.00 -10.00 am							
10.00 - 11.00 am							
11.00-12.00 noon							
12.00-1.00 pm							
1.00 - 2.00 pm							
2.00 - 4.00 pm							

MONTH	AUGUST 2025						
WEEK	WEEK 45						
DATE	18	19	20	21	22	23	24
DAY	Mon	Tues	Wed	Thurs	Fri	Sat	Sun
8.00 - 9.00 am	AN SGT REVISION & REMEDIAL(GENERAL ANATOMY))	AN SGT REVISION & REMEDIAL (UPPER LIMB)	AN SGT REVISION & REMEDIAL (LOWER LIMB)	AN SGT REVISION & REMEDIAL (ABDOMEN)	AN SGT REVISION & REMEDIAL(THORAX)	AN SGT REVISION & REMEDIAL (HEAD & NECK)	SUNDAY
9.00 -10.00 am							
10.00 - 11.00 am	BC SGT REVISION						
11.00-12.00 noon		PY REMEDIAL - GENERAL PHYSIOLOGY	PY REMEDIAL - BLOOD	PY REMEDIAL - CARDIOVASCULAR PHYSIOLOGY	BC REMEDIAL SESSION	PY REMEDIAL SEESION - GASTROINTESTINAL PHYSIOLOGY	
12.00-1.00 pm		**CM 5.21** Plan and conduct a health education session on nutrition in NCD clinic / in community; CM 5.22 Counsel mother on breast feeding and complementary feeding	BC REMEDIAL SESSION		PY REMEDIAL SESSION - NERVE & MUSCLE PHYSIOLOGY	AN SGT REVISION (GENETICS)	
1.00 - 2.00 pm							
2.00 - 4.00 pm	PY REMEDIAL - ENDOCRINE PHYSIOLOGY AND REPRODUCTION	PY REMEDIAL - HEMATOLOGY	PY REMEDIAL - HEMATOLOGY	PY REMEDIAL - CLINICAL PHYSIOLOGY	PY REMEDIAL - CLINICAL PHYSIOLOGY	MENTOR - MENTEE MEETING	
		BC REMEDIAL SESSION	BC REMEDIAL SESSION	BC REMEDIAL SESSION	BC REMEDIAL SESSION		

MONTH	AUGUST 2025						
WEEK	WEEK 46						
DATE	25	26	27	28	29	30	31
DAY	Mon	Tues	Wed	Thurs	Fri	Sat	Sun
8.00 - 9.00 am	AN SGT REVISION & REMEDIAL (NEUROANATOMY)	AN SGT GENERAL HISTOLOGY / SYSTEMIC EMBRYOLOGY REVISION	VINAYAKAR CHATHURTHI	AN SGT SYSTEMIC HISTOLOGY PART 1/ OSTEOLOGY REVISION	AN SGT SYSTEMIC HISTOLOGY PART 1/ RADIOLOGY REVISION	AN SGT SYSTEMIC HISTOLOGY PART 11/ SURFACE MARKING REVISION	SUNDAY
9.00 -10.00 am							
10.00 - 11.00 am							
11.00-12.00 noon	AN SGT GENERAL HISTOLOGY / GENERAL EMBRYOLOGY REVISION	PY REMEDIAL SESSION - RENAL PHYSIOLOGY		PY REMEDIAL SESSION - SPECIAL SENSES	BC REMEDIAL SESSION	PY REMEDIAL SESSION - INTEGRATED PHYSIOLOGY	
12.00-1.00 pm		CM - ASSESSMENT			PY REMEDIAL SESSION - RESPIRATORY PHYSIOLOGY	AN SGT SYSTEMIC HISTOLOGY PART 11/ CLINICAL CHARTS & GENETICS REVISION	
1.00 - 2.00 pm							
2.00 - 4.00 pm	PY REMEDIAL SESSION - CENTRAL NERVOUS SYSTEM PHYSIOLOGY	PY REMEDIAL SESSION - OSCE		PY REMEDIAL - CLINICAL PHYSIOLOGY	PY REMEDIAL - CLINICAL PHYSIOLOGY	MENTOR - MENTEE MEETING	
		BC REMEDIAL SESSION		BC REMEDIAL SESSION	BC REMEDIAL SESSION		

MONTH	SEPTEMBER 2025							SEPTEMBER 2025						
WEEK	WEEK 47							WEEK 48						
DATE	1	2	3	4	5	6	7	8	9	10	11	12	13	14
DAY	Mon	Tues	Wed	Thurs	Fri	Sat	Sun	Mon	Tues	Wed	Thurs	Fri	Sat	Sun
8.00 - 9.00 am							SUNDAY						SECOND SATURDAY	SUNDAY
9.00 -10.00 am														
10.00 - 11.00 am														
11.00-12.00 noon														
12.00-1.00 pm														
1.00 - 2.00 pm														
2.00 - 4.00 pm														

MONTH	SEPTEMBER 2025							SEPTEMBER 2025							SEPTEMBER						
WEEK	WEEK 49							WEEK 50							WEEK 51						
DATE	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	27	28	29	30	31
DAY	Mon	Tues	Wed	Thurs	Fri	Sat	Sun	Mon	Tues	Wed	Thurs	Fri	Sat	Sun	Mon	Tues	Wed	Thurs	Fri	Sat	Sun
8.00 - 9.00 am							SUNDAY							SUNDAY							SUNDAY
9.00 -10.00 am																					
10.00 - 11.00 am																					
11.00-12.00 noon																					
12.00-1.00 pm																					
1.00 - 2.00 pm																					
2.00 - 4.00 pm																					