

FOUNDATION COURSE											
Anatomy											
Physiology											
Biochemistry											
Community Medicine											
Family Adoption program											
Holidays and Vacation											
Formative assessment											
Pandemic Module											
Assessment and Feedback											
ECA											
ECE											
	Date	Day	9am - 10 am	10am-11am	11am-12noon	12noon-1pm	1pm-2pm	2pm-3pm	3pm-4pm	4pm-5pm	
14/10/2024 to 28/10/2024			FOUNDATION COURSE					FOUNDATION COURSE			
29/10/2024 to 04/11/2024			WINTER VACATION					WINTER VACATION			
Second	05/11/24	Tuesday	Introduction to Biochemistry	PY 1.2 Describe and discuss the principles of Homeostasis	PY2.1 Describe the composition and functions of blood components PY 2.2 Discuss the origin ,forms, variations and functions of plasma proteins	SDL -1PY 1.1 Describe the structure and functions of a mammalian cell		PY SGD Batch- B and C Introduction to Physiology Practicals and Lab.	Introduction to laboratory		
Second	06/11/24	Wednesday	AN -1.1 Demonstrate normal anatomical position, various planes, relation, comparison, laterality & movement in our body	AN 1.2 Describe composition of bone and bone marrow	AN-1.1 Introduction to Anatomy Planes, Position Nomenclature Laterality Movements etc.			AN-2.1,2,3 Describe parts, blood and nerve supply of a long bone Enumerate laws of ossification Enumerate special features of a sesamoid bone	AN -- 1.2, 2.1,2,3Describe various types of cartilage with its structure & distribution in bodyDescribe various types of cartilage with its structure & distribution in body		
Second	07/11/24	Thursday	BC 3.1 (1) Discuss and differentiate monosaccharides, di-saccharides and polysaccharides with examples, their importance as energy fuel, structural element, and storage molecule in human body	BC 3.1 (2) Discuss and differentiate monosaccharides, di-saccharides and polysaccharides with examples, their importance as energy fuel, structural element, and storage molecule in human body	PY 2.3 Describe and discuss the synthesis and functions of Haemoglobin and explain its breakdown. Describe variants of haemoglobin (BI 6.11, PA 25.1)	PY 1.1 Describe the structure and functions of a mammalian cell		PY SGD Batch- A Introduction to Physiology Practicals and Laboratory Batch C PY 2.11 Study of microscope	Introduction to laboratory		
Second	08/11/24	Friday	AN2.4 Describe various types of cartilage with its structure & distribution in body	AN-2.5 Describe various joints with subtypes and examples	AN2.4 Describe various types of cartilage with its structure & distribution in body			AN-2.6 Explain the concept of nerve supply of joints & Hilton's law	AN-2.5 Describe various joints with subtypes and examples		
Second	09/11/24	Saturday	BC 1.1 Describe the molecular and functional organization of a cell and its sub-cellular components and composition and functions of Biological membranes	PY 2.11 DOAP Batch- A and B Study of microscope	Introduction to laboratory			CM 1.2 Man and Medicine: Towards Health for all			
Third	10/11/24	Sunday									

Third	11/11/24	Monday	AN 5.1 to 5.6 Differentiate between blood vascular and lymphatic system Differentiate between pulmonary and systemic circulation List general differences between arteries & veins Explain functional difference between elastic, muscular arteries and arterioles Describe portal system giving examples Describe the concept of anastomoses and collateral circulation with significance of end-arteries	AN 5.1 to 5.6 Differentiate between blood vascular and lymphatic system Differentiate between pulmonary and systemic circulation List general differences between arteries & veins Explain functional difference between elastic, muscular arteries and arterioles Describe portal system giving examples Describe the concept of anastomoses and collateral circulation with significance of end-arteries	AN 5.1 to 5.6 Differentiate between blood vascular and lymphatic system Differentiate between pulmonary and systemic circulation List general differences between arteries & veins Explain functional difference between elastic, muscular arteries and arterioles Describe portal system giving examples Describe the concept of anastomoses and collateral circulation with significance of end-arteries		AN 7.1 to 7.6 Describe general plan of nervous system with components of central, peripheral & autonomic nervous systems List components of nervous tissue and their functions Describe parts of a neuron and classify them based on number of neurites, size & function Describe structure of a typical spinal nerve Describe principles of sensory and motor innervation of muscles Describe concept of loss of innervation of a muscle with its applied anatomy	AN 7.1 to 7.6 Describe general plan of nervous system with components of central, peripheral & autonomic nervous systems List components of nervous tissue and their functions Describe parts of a neuron and classify them based on number of neurites, size & function Describe structure of a typical spinal nerve Describe principles of sensory and motor innervation of muscles Describe concept of loss of innervation of a muscle with its applied anatomy	
Third	12/11/24	Tuesday	BC 5.1 (1) Discuss briefly structure of amino acids and classify amino acids on the basis of Nutritional and Metabolic significance.	"PY 1.4 Describe and discuss transport mechanisms across cell membranes"	PY1.3 Describe intercellular communication and application	PY2.4 Describe RBC formation (erythropoiesis & its regulation) and its functions	PY 2.11 DOAP Batch-B collection of blood, Batch-C PY 2.11 SGD -ESR,PCV	14.1 Describe commonly used laboratory apparatus equipments, good / safe laboratory practice, Biomedical hazards & waste management. (BATCH - A)	
Third	13/11/24	Wednesday	AN3.1 Classify muscle tissue according to structure & action AN3.2 Enumerate parts of skeletal muscle and differentiate between tendons and aponeuroses with examples AN3.3 Explain Shunt and spurt muscles	AN4.2 Describe structure & function of skin with its appendages AN4.3 Describe superficial fascia along with fat distribution in body AN4.4 Describe modifications of deep fascia with its functions	AN3.1 Classify muscle tissue according to structure & action AN3.2 Enumerate parts of skeletal muscle and differentiate between tendons and aponeuroses with examples AN3.3 Explain Shunt and spurt muscles		AN6.1 List 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	AN4.2 Describe structure & function of skin with its appendages AN4.3 Describe superficial fascia along with fat distribution in body AN4.4 Describe modifications of deep fascia with its functions	
Third	14/11/24	Thursday	BC 5.2 (2) Discuss classification of proteins, structural organization, functions and clinical aspects.	BC 5.4 (3) Describe plasma proteins and their functions and brief overview of normal and abnormal electrophoretic pattern of serum proteins, acute phase proteins	SDL-2 PY 2.5 Describe different types of anaemias & Jaundice (VI-PA, HI- BI)	"PY 1.4 Describe and discuss transport mechanisms across cell membranes"	PY 2.11 DOAP Batch-C collection of blood, Batch-A PY 2.11 SGD -ESR,PCV	14.1 Describe commonly used laboratory apparatus equipments, good / safe laboratory practice, Biomedical hazards & waste management. (BATCH - B)	
Third	15/11/24	Friday	Holiday - Guru Nanak Jayanti						
Third	16/11/24	Saturday	PY.1.3 Describe apoptosis – programmed cell death and its physiological significance	PY 2.11 DOAP Batch-A collection of blood, Batch-B PY 2.11 SGD -ESR,PCV	14.1 Describe commonly used laboratory apparatus equipments, good / safe laboratory practice, Biomedical hazards & waste management. (BATCH - C)		CM 1.2 Concept , definition , determinants of health	CM 1.2 Determinants of health- Group discussio	
Fourth	17/11/24	Sunday	Holiday - Guru Nanak Jayanti						
Fourth	18/11/24	Monday	AN . 15.1, 15.2 Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of anterior thigh Describe and demonstrate major muscles with their attachment, nerve supply and actions. Anterior Compartment and Femoral Nerve	AN 15.3, 15.4 Describe and demonstrate boundaries, floor, roof and contents of femoral triangle Explain anatomical basis of Psoas abscess & Femoral hernia	AETCOM Module 1.5 Cadaver as teacher		DOAP AN 14.1 TO 14.4 HIP BONE I	AN . 15.1, 15.2 Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of anterior thigh Describe and demonstrate major muscles with their attachment, nerve supply and actions	
Fourth	19/11/24	Tuesday	BC 5.5 (4) Describe the structure, functions and disorders of Immunoglobulins with brief description of cellular and humoral Immunity.	PY 2.5 Describe different types of anaemias & Jaundice (VI-PA, HI- BI)	PY 1.5 Describe the fluid compartments of the body, its ionic composition and measurement methods	PY 1.7 Describe and discuss the molecular basis of resting membrane potential and action potential in excitable tissue	PY .2.11 BATCH B -DOAP Estimate Hb , BATCH C PY 2.11 SGD - Anemia and Blood indices	BC 14.1 Describe commonly used laboratory apparatus equipments, good / safe laboratory practice, Biomedical hazards & waste management. (BATCH - A)	

Fourth	20/11/24	Wednesday	AN . 15.1, 15.2 Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of Medial side of thigh Describe and demonstrate major muscles with their attachment, nerve supply and actions.	AN 16.1 Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of gluteal region	AN . 15.1, 15.2 Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of medial thigh Describe and demonstrate major muscles with their attachment, nerve supply and actions		DOAP AN 14.1 TO 14.4 HIP BONE II	AN 16.1 Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of gluteal region
Fourth	21/11/24	Thursday	8.00 am to 2.00 pm FAP Rapport building with the families and orientation Socio-Demographic and Socio- economic profile				PY .2.11 BATCH C DOAP - Estimate Hb , BATCH A PY 2.11 SGD - Anemia and Blood indices	BC 14.1 Describe commonly used laboratory apparatus equipments , good / safe laboratory practice, Biomedical hazards & waste management. (BATCH - B)
Fourth	22/11/24	Friday	AN 16.2, 16.3. Describe anatomical basis of sciatic nerve injury during gluteal intramuscular injections Explain the anatomical basis of Trendelenburg sign	AN 16.4, AN 16.5 Describe and demonstrate the hamstrings group of muscles with their attachment, nerve supply and actions Describe and demonstrate the origin, course, relations, branches (or tributaries), termination of important nerves and vessels on the back of thigh	AN 16.2, 16.3. Describe anatomical basis of sciatic nerve injury during gluteal intramuscular injections Explain the anatomical basis of Trendelenburg sign		DOAP AN 15.5 Describe and demonstrate adductor canal with its content	AN 16.2, 16.3. Describe anatomical basis of sciatic nerve injury during gluteal intramuscular injections Explain the anatomical basis of Trendelenburg sign
Fourth	23/11/24	Saturday	BC 6.1 (1) Enumerate the functions and components of the extracellular matrix. (ECM).	PY .2.11 BATCH A DOAP - Estimate Hb , BATCH B PY 2.11 SGD - Anemia and Blood indices	BC 14.1 Describe commonly used laboratory apparatus equipments , good / safe laboratory practice, Biomedical hazards & waste management. (BATCH - C)		CM 1.3 Epidemiological triad , multifactorial causation of disease	
Fifth	24/11/24	Sunday						
Fifth	25/11/24	Monday	AN 17.1, 17.2, 17.3 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	Histology AN65.1 Identify epithelium under the microscope & describe the various types that correlate to its function AN65. 2 Describe the ultrastructure of epithelium	AN 16.2, 16.3. Describe anatomical basis of sciatic nerve injury during gluteal intramuscular injections Explain the anatomical basis of Trendelenburg sign		DOAP AN 14.1 TO 14.4 FEMUR	AN 16.4, AN 16.5 Describe and demonstrate the hamstrings group of muscles with their attachment, nerve supply and actions Describe and demonstrate the origin, course, relations, branches (or tributaries), termination of important nerves and vessels on the back of thigh
Fifth	26/11/24	Tuesday	BC 6.2 (2) Discuss the involvement of ECM components in health and disease.	PY 1.7 Describe and discuss the molecular basis of resting membrane potential and action potential in excitable tissue	PY 1.7 Describe and discuss the molecular basis of resting membrane potential and action potential in excitable tissue	PY 2.6 Describe WBC formation (granulopoiesis) and its regulation	PY 2.11 Batch B- SGD Osmotic Fragility Batch-C SGD Neubaur's Chamber	BC14.5 Describe screening of urine for inborn errors & describe the use of paper chromatography (BATCH-A)
Fifth	27/11/24	Wednesday	AN18.1 18.2 Describe and demonstrate major muscles of anterolateral compartment of leg with their attachment, nerve supply and actions Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of anterior compartment of leg	AN16.6 Describe and demonstrate the boundaries, roof, floor, contents and relations of popliteal fossa	AN16.6 Describe and demonstrate the boundaries, roof, floor, contents and relations of popliteal fossa		DOAP AN 14.1 TO 14.4 Tibia	AN16.6 Describe and demonstrate the boundaries, roof, floor, contents and relations of popliteal fossa
Fifth	28/11/24	Thursday	PY 2.6 Describe WBC formation (granulopoiesis) and its regulation	BC 6.3 (3) Describe protein targeting & sorting along with its associated disorders	PY 3.1 Describe the structure and functions of a neuron and neuroglia; Discuss Nerve Growth Factor & other growth factors/cytokines AN 7.2,7.3	PY 2.10 Describe different blood groups and discuss the clinical importance of blood grouping, blood banking and transfusion (VI-PA	PY 2.11 Batch C - SGD Osmotic Fragility Batch-A SGD Neubaur's Chamber	BC14.5 Describe screening of urine for inborn errors & describe the use of paper chromatography (BATCH-B)

Fifth	29/11/24	Friday	AN18.1 Describe and demonstrate major muscles of anterolateral compartment of leg with their attachment, nerve supply and actions AN18.3 Explain the anatomical basis of foot drop	EMBRYOLOGY AN76.1 Describe the stages of human life AN76.2 Explain the terms- phylogeny, ontogeny, trimester, viability	AN18.1 Describe and demonstrate major muscles of anterolateral compartment of leg with their attachment, nerve supply and actions		DOAP AN 14.1 TO 14.4 Fibula and patella	AN18.1 Describe and demonstrate major muscles of anterolateral compartment of leg with their attachment, nerve supply and actions AN18.3 Explain the anatomical basis of foot drop
Fifth	30/11/24	Saturday	PY 3.2 Describe the types, functions & properties of nerve fibers	PY 2.11 Batch A SGD Osmotic Fragility Batch-B SGD Neubaur's Chamber	BC 14.5 Describe screening of urine for inborn errors & describe the use of paper chromatography , BC 14.6 Describe the principles of Colorimetry & Spectrophotometry. (BATCH-C)		CM 1.4, 1.5 Natural history of disease, Levels of Prevention, Modes of Intervention	
First	01/12/24	Sunday						
First	02/12/24	Monday	AN19.119.2 19.3 Describe and demonstrate the major muscles of back of leg with their Describe and demonstrate the origin, course, relations, branches (or tributaries), termination of important nerves and vessels of back of leg Explain the concept of "Peripheral heart"	HISTOLOGY AN66.1 Describe & identify various types of connective tissue with functional correlation AN66.2 Describe the ultrastructure of connective tissue	AN19.119.2 19.3 Describe and demonstrate the major muscles of back of leg with their Describe and demonstrate the origin, course, relations, branches (or tributaries), termination of important nerves and vessels of back of leg Explain the concept of "Peripheral heart"		AN20.3 Describe and demonstrate Fascia lata, Venous drainage, Lymphatic drainage, Retinacula & Dermatomes of lower limb AN20.5 Explain anatomical basis of varicose veins and deep vein thrombosis	AN19.119.2 19.3 Describe and demonstrate the major muscles of back of leg with their Describe and demonstrate the origin, course, relations, branches (or tributaries), termination of important nerves and vessels of back of leg Explain the concept of "Peripheral heart"
First	03/12/24	Tuesday	BC 2.1 (1) Explain fundamental concepts of enzyme, isoenzyme and coenzyme. Enumerate the main classes of IUBMB nomenclature.	PY 2.10 Describe different blood groups and discuss the clinical importance of blood grouping, blood banking and transfusion (VI-PA)	PY 2.7 Define and classify different types of immunity. Describe the development of immunity and its regulation	PY 3.2 Describe the types, functions & properties of nerve fibers	Batch B PY 2.11 DOAP Total RBC Count, Batch C PY 2.11 SGD Reticulocyte count	BC14.6 Describe the principles of Colorimetry & Spectrophotometry. (BATCH-A)
First	04/12/24	Wednesday	AN18.4 Describe and demonstrate the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply, bursae 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	AN18.4 Describe and demonstrate the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply, bursae around the knee joint		DOAP AN 14.4 Identify and name various bones in the articulated foot with individual muscle attachment	AN18.4 Describe and demonstrate the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply, bursae around the knee joint
First	05/12/24	Thursday	PY 3.3 Describe the degeneration and regeneration in peripheral nerves (VI - GM)	BC 2.2 (2) Describe and explain the basic principles of enzyme activity	PY 5.1 Describe the functional anatomy of heart including chambers and coronary circulation(HI-AN)	PY 2.7 Define and classify different types of immunity. Describe the development of immunity and its regulation	Batch C PY 2.11 DOAP Total RBC Count, Batch A PY 2.11 SGD Reticulocyte count	BC14.6 Describe the principles of Colorimetry & Spectrophotometry. (BATCH-B)
First	06/12/24	Friday	AN19.5 Describe factors maintaining importance arches of the foot with its importance AN19.6 Explain the anatomical basis of Flat foot & Club foot	EMBRYOLOGY AN77.1 Describe the uterine changes occurring during the menstrual cycle AN77.2 Describe the synchrony between the ovarian and menstrual cycles	AN19.5 Describe factors maintaining importance arches of the foot with its importance AN19.6 Explain the anatomical basis of Flat foot & Club foot DISSECTION OF SOLE		DOAP AN8.1 Identify the given bone, its side, important features & keep it in anatomical position AN8.2 Identify & describe joints formed by the given bone. AN8.3 Enumerate peculiarities of clavicle	LOWER LIMB PCT
First	07/12/24	Saturday	"PY 5.2 Describe the properties of cardiac muscle including its morphology, electrical, mechanical and metabolic functions"	Batch A PY 2.11 DOAP Total RBC Count, Batch B PY 2.11 SGD Reticulocyte count	PTM		CM 1.7 Indicators of health	CM 1.7 Exercise on calculation of Health indicators
Second	08/12/24	Sunday						
Second	09/12/24	Monday	AN9.1 Describe attachment, nerve supply & action of pectoralis major and pectoralis minor AN10.11 Describe & demonstrate attachment of serratus anterior with its action	Histology AN71.2 Identify cartilage under the microscope & describe various types and structure- function correlation of the same	AN9.1 Describe attachment, nerve supply & action of pectoralis major and pectoralis minor		AN9.2 Breast: Describe the location, extent, deep relations, structure, age changes, blood supply, lymphatic drainage, microanatomy and applied anatomy of breast AN 9.3 Describe development of breast	AN9.1 Describe attachment, nerve supply & action of pectoralis major and pectoralis minor

Second	10/12/24	Tuesday	BC 2.3 (3) Describe and discuss enzyme Inhibition and role of Enzymes or drugs as Inhibitors, and enzymes as therapeutic agents	PY 10.2 Describe the functional anatomy of Autonomic Nervous System	SDL 3 PY 3.5 Neuromuscular junction ; Myesthesia Gravis,Eaton Lambert Syndrome and neuromuscular blocking agents	"PY 5.2 Describe the properties of cardiac muscle including its morphology, electrical, mechanical and metabolic functions"	DOAP Batch B PY 2.11 Estimation of Total Leucocyte Count SGD Batch C PY 2.13 Estimation of Platelet count	BC14.11 Perform estimation of serum proteins, albumin and A:G ratio (BATCH-A)
Second	11/12/24	Wednesday	AN10.1 Identify & describe boundaries and contents of axilla AN10.2 Identify, describe and demonstrate the origin, extent, course, parts, relations and branches of axillary artery & tributaries of vein AN10.4 Describe the anatomical groups of axillary lymph nodes and specify their areas of drainage AN10.7 Explain anatomical basis of enlarged axillary lymph nodes	AN10.8 Describe, identify and demonstrate the position, attachment, nerve supply and actions of trapezius and latissimus dorsi	AN10.1 Identify & describe boundaries and contents of axilla AN10.2 Identify, describe and demonstrate the origin, extent, course, parts, relations and branches of axillary artery & tributaries of vein		DOAP AN8.1 Identify the given bone, its side, important features & keep it in anatomical position AN8.2 Identify & describe joints formed by the given bone. AN8.4 Demonstrate important muscle attachment on the given bone Scapula	AN10.1 Identify & describe boundaries and contents of axilla AN10.2 Identify, describe and demonstrate the origin, extent, course, parts, relations and branches of axillary artery & tributaries of vein
Second	12/12/24	Thursday	BC 2.4 (4) Describe and discuss the clinical utility of various serum enzymes in laboratory and their use as markers of various pathological conditions.	BC 5.8 (1) Describe the structure and functions of haem in the body and describe the processes involved in its metabolism with emphasis on jaundice and describe porphyrin metabolism.	PY 3.6 Describe the different types of muscle fibres and their structure (HI- Anatomy) and action potential	PY 5.3 Describe generation and conduction of cardiac impulse along with conduction pathway	DOAP Batch C PY 2.11 Estimation of Total Leucocyte Count SGD Batch A PY 2.13 Estimation of Platelet count	BC14.11 Perform estimation of serum proteins, albumin and A:G ratio (BATCH-B)
Second	13/12/24	Friday	AN10.5 Explain variations in formation of brachial plexus	EMBRYOLOGY AN7.3 Describe spermatogenesis and oogenesis along with diagrams	AN10.5 Explain variations in formation of brachial plexus		DOAP AN8.1 Identify the given bone, its side, important features & keep it in anatomical position AN8.2 Identify & describe joints formed by the given bone. AN8.4 Demonstrate important muscle attachment on the given bone HUMERUS	AN10.8 Describe, identify and demonstrate the position, attachment, nerve supply and actions of trapezius and latissimus dorsi
Second	14/12/24	Saturday	BC 2.5 BC 14.19 (5) Interpret laboratory results of enzymes in various disorders MI Pancreatitis, Prostate, Alcoholism, Jaundice PH4 .8, GM 2.11/5.4/ 13.11 , SU 24.1 3.4/ 12.1/ 24.4	DOAP Batch A PY 2.11 Estimation of Total Leucocyte Count SGD Batch B PY 2.13 Estimation of Platelet count	BC 14.11 Perform estimation of serum proteins, albumin and A:G ratio (BATCH-C)		CM 1.8 Demographic profile of India	CM 1.8 Exercise on calculation of demographic indicators , fertility rates
Third	15/12/24	Sunday						
Third	16/12/24	Monday	AN10.6 Explain the anatomical basis of clinical features of Erb's palsy and Klumpke's paralysis	Histology AN7.1.1 Identify bone under the microscope; classify various types and describe the structure-function correlation of the same	AN10.8 Describe, identify and demonstrate the position, attachment, nerve supply and actions of trapezius and latissimus dorsi		AN10.10 Describe and identify the deltoid and rotator cuff muscles AN10.13 Explain anatomical basis of injury to axillary nerve during intramuscular injections	AN10.10 Describe and identify the deltoid and rotator cuff muscles AN10.13 Explain anatomical basis of injury to axillary nerve during intramuscular injections
Third	17/12/24	Tuesday	BC 5.9 (2) Describe the major types of Hemoglobin and its types , derivatives & variants found in the body and their physiological / pathological relevance	BIOCHEMISTRY ECE-1 (VISIT TO CCL)			DOAP Batch B PY 2.11 Estimation of Blood Groups SGD Batch C Formative assessment of Hematology and students seminar	BC14.16 Describe the estimation of SGOT (AST) / SGPT (ALT) / Alkaline Phosphatase and interpretation of results with clinical scenarios. (BATCH-A)
Third	18/12/24	Wednesday	8.00 am to 2.00 pm FAP Environmental health, Drinking water supply, Sanitation and Vector control				DOAP AN8.1 Identify the given bone, its side, important features & keep it in anatomical position AN8.2 Identify & describe joints formed by the given bone AN8.4 Demonstrate important muscle attachment on the given bone RADIUS	AN10.10 Describe and identify the deltoid and rotator cuff muscles AN10.13 Explain anatomical basis of injury to axillary nerve during intramuscular injections

Third	19/12/24	Thursday	BC 5.8 BC 14.19 (1) Describe the structure and functions of haem in the body and describe the processes involved in its metabolism with emphasis on jaundice and describe porphyrin metabolism. PY 2.5,PA 24.1/ 24.6,GM 5.11	AETCOM 1.1 (I) Enumerate and describe professional qualities and roles of a physician	PY 3.7 Describe action potential and its properties in different muscle types (skeletal & smooth)	PY 3.9 Describe the mode of muscle contraction (isometric and isotonic)		DOAP Batch C PY 2.11 Estimation of Blood Groups SGD Batch A Formative assessment of Hematology and students seminar	BC14.16 Describe the estimation of SGOT (AST) / SGPT (ALT) / Alkaline Phosphatase and interpretation of results with clinical scenarios. (BATCH-B) Journal and log book completion / certification
Third	20/12/24	Friday	AN10.12 Describe and demonstrate shoulder joint for- type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements, muscles involved, blood supply, nerve supply and applied anatomy	EMBRYOLOGY AN77.4 Describe the stages and consequences of fertilisation AN77.5 Enumerate and describe the anatomical principles underlying contraception	AN10.12 Describe and demonstrate shoulder joint for- type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements, muscles involved, blood supply, nerve supply and applied anatomy		DOAP AN8.1 Identify the given bone, its side, important features & keep it in anatomical position AN8.2 Identify & describe joints formed by the given bone . AN8.4 Demonstrate important muscle attachment on the given bone ULNA AN8.5 Identify and name various bones in articulated hand. Specify the parts of metacarpals and phalanges and enumerate the peculiarities of pisiform AN8.6 Describe scaphoid fracture and explain the anatomical basis of avascular necrosis	AN11.1 Describe and demonstrate muscle groups of upper arm with emphasis on biceps and triceps brachii AN11.2 Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels in arm	
Third	21/12/24	Saturday	PY 3.7 Describe action potential and its properties in different muscle types (skeletal & smooth) PY 3.10 Enumerate and discuss myopathies	DOAP Batch A PY 2.11 Estimation of Blood Groups SGD Batch B Formative assessment of Hematology and students seminar	BC 14.16 Describe the estimation of SGOT (AST) / SGPT (ALT) / Alkaline Phosphatase and interpretation of results in clinical scenarios. (BATCH-C) Journal and log book completion / certification		CM 1.9, 1.10 Communication skills in Health, Doctor patient relationship	1.9 DOAP-Verbal/non verbal communication	
Fourth	22/12/24	Sunday							
Fourth	23/12/24	Monday	AN11.1 Describe and demonstrate muscle groups of upper arm with emphasis on biceps and triceps brachii AN11.2 Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels in arm	Histology AN67.1 Describe & identify various types of muscle under the microscope AN67.2 Classify muscle and describe the structure-function correlation of the same AN67.3 Describe the ultrastructure of muscular tissue	AN11.1 Describe and demonstrate muscle groups of upper arm with emphasis on biceps and triceps brachii AN11.2 Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels in arm		DOAP AN 20.6 to 20.9 Identify the bones and joints of lower limb seen in anteroposterior and lateral view radiographs of various regions of lower limb 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 Identify & demonstrate palpation of femoral, popliteal, post tibial, anti tibial & dorsalis pedis blood vessels in a simulated environment Identify & demonstrate Palpation of vessels (femoral, popliteal, dorsalis pedis, post tibial), Mid inguinal point, Surface projection of: femoral nerve, Saphenous opening, Sciatic, tibial, common peroneal & deep peroneal nerve, Great and small saphenous veins	AN11.1 Describe and demonstrate muscle groups of upper arm with emphasis on biceps and triceps brachii AN11.2 Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels in arm	
Fourth	24/12/24	Tuesday	BC 5.8 BC 14.19 (2) Describe the structure and functions of haem in the body and describe the processes involved in its metabolism with emphasis on jaundice and describe porphyrin metabolism.	PY 3.8 Describe the properties, action potential and molecular basis of muscle contraction in smooth muscle	AETCOM Module 1.2 What does it mean to be a patient?		Journal checking and log book completion	Journal and log book completion / certification (BATCH-A) SEMINAR (ROLL NO. 1 TO 20)	
Fourth	25/12/24	Wednesday	HOLIDAY- CHRISTMAS						
Fourth	26/12/24	Thursday	Internal Assessment I -Theory - Anatomy						
Fourth	27/12/24	Friday	Internal Assessment I - Theory - Physiology						
Fourth	28/12/24	Saturday	Internal Assessment I - Theory - Biochemistry						
Fifth	29/12/24	Sunday							
Fifth	30/12/24	Monday	Internal Assessment I - Practical						
Fifth	31/12/24	Tuesday	Internal Assessment I - Practical						
First	01/01/25	Wednesday	Internal Assessment I - Practical						
First	02/01/25	Thursday	Internal Assessment I - Practical						

First	03/01/25	Friday	AN11.5 Identify & describe boundaries and contents of cubital fossa AN11.3 Describe the anatomical basis of Venepuncture of cubital veins	EMBRYOLOGY AN78.1 Describe cleavage and formation of blastocyst AN78.2 Describe the development of trophoblast AN78.3 Describe the process of implantation & common abnormal sites of implantation AN78.4 Describe the formation of extra-embryonic mesoderm and coelom, bilaminar disc and prochordal plate AN78.5 Describe in brief abortion; decidual reaction, pregnancy test	AN11.5 Identify & describe boundaries and contents of cubital fossa AN11.3 Describe the anatomical basis of Venepuncture of cubital veins		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 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, Inferior angle of the scapula. 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	AN11.5 Identify & describe boundaries and contents of cubital fossa AN11.3 Describe the anatomical basis of Venepuncture of cubital veins
First	04/01/25	Saturday	*PY 5.4 Discuss the physiological events occurring during the cardiac cycle, pressure volume changes, generation of heart sounds and murmur	Student Seminar	SEMINAR (BATCH-C) (ROLL NO. 81-100)		CM 4.1 Methods of health education, Principles of Health Education	CM 17.1 Visit to primary/secondary health facility of Health Education
Second	05/01/25	Sunday						
Second	06/01/25	Monday	AN11.2 Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels in arm AN10.13 Explain anatomical basis of Injury to axillary nerve during intramuscular injections Musculocutaneous Nerve and Axillary Nerve	HISTOLOGY 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	AN11.5 Identify & describe boundaries and contents of cubital fossa AN11.3 Describe the anatomical basis of Venepuncture of cubital veins		ANATOMY ECE BREAST CANCER SURGERB	
Second	07/01/25	Tuesday	BC 4.1 (1) Describe and discuss main classes of lipids and their functions	PHYSIOLOGY ECE-Anaemia			Batch B PY 2.11 DOAP -Determination of bleeding time and clotting time. Batch C PY 3.12 Computer assisted learning -Amphibian nerve muscle experiments-Instruments	BC14.16 Describe the estimation of SGOT (AST) / SGPT (ALT) / Alkaline Phosphatase and interpretation of results with clinical scenarios. (BATCH-A) SEMINAR (ROLL NO. 21-30)
Second	08/01/25	Wednesday	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 AN12.4 Explain anatomical basis of carpal tunnel syndrome	AN12.1 Describe and demonstrate important muscle groups of ventral forearm with attachments, nerve supply and actions		AN12.3 Identify & describe flexor retinaculum with its attachments AN12.9 Identify & describe fibrous flexor sheaths, ulnar bursa, radial bursa and digital synovial sheaths	AN12.1 Describe and demonstrate important muscle groups of ventral forearm with attachments, nerve supply and actions
Second	09/01/25	Thursday	BC 4.1 (2) Describe and discuss main classes of lipids and their functions	POSTER COMPETITION - SDL-1 BC 8.6 Summarize the nutritional importance of commonly used items of food including fruits and vegetables (macro-molecules & its importance)	AETCOM Module 1.2 What does it mean to be a patient?	AETCOM Module 1.2 What does it mean to be a patient?	Batch C PY 2.11 DOAP -Determination of bleeding time and clotting time. Batch A PY 3.12 Computer assisted learning -Amphibian nerve muscle experiments-Instruments	BC14.16 Describe the estimation of SGOT (AST) / SGPT (ALT) / Alkaline Phosphatase and interpretation of results with clinical scenarios. (BATCH-B) SEMINAR (ROLL NO. 41-50)
Second	10/01/25	Friday	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	EMBRYOLOGY AN79.1 Describe the formation & fate of the primitive streak AN79.2 Describe formation & fate of notochord AN79.3 Describe the process of neurulation AN79.4 Describe the development of somites and intra-embryonic coelom	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		AN12.7 Identify & describe course and branches of important blood vessels and nerves in hand AN12.8 Describe anatomical basis of Claw hand	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

Second	11/01/25	Saturday	BC 4.6 (3) Discuss Biological role and therapeutic applications of Eicosanoids and their Inhibitors.	Batch A PY 2.11 DOAP - Determination of bleeding time and clotting time. Batch B PY 3.12 Computer assisted learning - Amphibian nerve muscle experiments Instruments	BC 14.16 Describe the estimation of SGOT (AST) / SGPT (ALT) / Alkaline Phosphatase and interpretation of results with clinical scenarios. (BATCH-C) SEMINAR (ROLL NO.101-110)	CM 17.1, 17.2, 17.5 Health care to community, Community diagnosis, Health Care delivery in India	CM 4.1, 4.2 Organization of health educational and counseling activities for individual & family, Organization of counseling activity in ward/OPDs, Organization of community based health educational activity (community/school)	
Third	12/01/25	Sunday						
Third	13/01/25	Monday	AN12.7 Identify & describe course and branches of important blood vessels and nerves in hand AN12.10 Explain infection of fascial spaces of palm	HISTOLOGY AN70.2 Identify the lymphoid tissue under the microscope & describe microanatomy of lymph node, spleen, thymus, tonsil and correlate the structure with function	AN12.7 Identify & describe course and branches of important blood vessels and nerves in hand AN12.10 Explain infection of fascial spaces of palm	ANATOMY SDL CHROMOSOMAL STRUCTURE AND ABERRATIONS		
Third	14/01/25	Tuesday	BC 8.1 BC 14.19 (1) Describe the Biochemical role of vitamins in the body and explain the manifestations of their deficiency VITAMIN-A PE 12.1/ 12.2, GM 24.3	PY5.5 Describe the physiology of electrocardiogram (E.C.G), its applications and the cardiac axis	PY4.1 Describe the structure and functions of digestive system	AETCOM Module 1.2 What does it mean to be a patient?	Batch B PY 2.11 Determination of DLC, Batch C PY 3.12 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (SMC, Effect of temperature, Effect of increasing strength of stimulus	BC14.13 Perform the estimation of serum Bilirubin by manual / semiautomated analyzer method. (BATCH-A) Feedback PCT 1
Third	15/01/25	Wednesday	AN12.14 Identify & describe compartments deep to extensor retinaculum AN12.15 Identify & describe extensor expansion formation ANATOMICAL SNUFF BOX	AN12.12 Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels of back of forearm AN12.13 Describe the anatomical basis of Wrist drop	AN12.14 Identify & describe compartments deep to extensor retinaculum AN12.15 Identify & describe extensor expansion formation ANATOMICAL SNUFF BOX	AN13.3 Identify & describe the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements, blood and nerve supply of elbow joint	AN12.14 Identify & describe compartments deep to extensor retinaculum AN12.15 Identify & describe extensor expansion formation ANATOMICAL SNUFF BOX	
Third	16/01/25	Thursday	8.00 am to 2.00 pm FAP Individual health profile including anthropometry				Batch C PY 2.11 Determination of DLC, Batch A PY 3.12 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (SMC, Effect of temperature, Effect of increasing strength of stimulus	BC14.13 Perform the estimation of serum Bilirubin by manual / semiautomated analyzer method. (BATCH-B) Feedback PCT 1
Third	17/01/25	Friday	AN13.3 Identify & describe the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements, blood and nerve supply of proximal and distal radio-ulnar joints, SUPINATION PRONATION	EMBRYOLOGY 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	AN12.14 Identify & describe compartments deep to extensor retinaculum AN12.15 Identify & describe extensor expansion formation ANATOMICAL SNUFF BOX	AN13.3 Identify & describe the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements, blood and nerve supply of WIRST JOINT & FIRST CARPOMETACARPAL JOINT	UPPER LIMB PCT	
Third	18/01/25	Saturday	PY5.5 Describe the physiology of electrocardiogram (E.C.G), its applications and the cardiac axis	Batch A PY 2.11 Determination of DLC, Batch B PY 3.12 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (SMC, Effect of temperature, Effect of increasing strength of stimulus	BC 14.13 Perform the estimation of serum Bilirubin by manual / semiautomated analyzer method. (BATCH-C) Feedback PCT 1	CM 17.3 Primary Health Care- Def, Principles		
Fourth	19/01/25	Sunday						

Fourth	20/01/25	Monday	AN44.1 Describe & demonstrate the Planes (transpyloric, transtubercular, subcostal, lateral vertical, linea alba, linea semilunaris), regions & Quadrants of abdomen AN44.2 describe & identify the Fascia, nerves & blood vessels of anterior abdominal wall	HISTOLOGY AN70.2 Identify the lymphoid tissue under the microscope & describe microanatomy of lymph node, spleen, thymus, tonsil and correlate the structure with function	AN44.1 Describe & demonstrate the Planes (transpyloric, transtubercular, subcostal, lateral vertical, linea alba, linea semilunaris), regions & Quadrants of abdomen AN44.2 describe & identify the Fascia, nerves & blood vessels of anterior abdominal wall		AN44.6 Describe & demonstrate attachments of muscles of anterior abdominal wall	"AN44.6 Describe & demonstrate attachments of muscles of anterior abdominal wall"	
Fourth	21/01/25	Tuesday	BC 8.1 BC 14.19 (2) Describe the Biochemical role of vitamins in the body and explain the manifestations of their deficiency VITAMIN-D PE 12.3, GM 24.3	PY4.3 Describe the composition, mechanism of secretion, functions, and regulation of saliva, secretion	PY5.6 Describe abnormal ECG, arrhythmias, heart block and myocardial infarction	PY5.7 Describe and discuss haemodynamics of circulatory system	Batch B DOAP PY 2.11 DLC -2 PY Batch C PY 3.12 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (Effect of two successive stimuli, Effect of load on SMC)	BC14.18 LD Protein electrophoresis PAGE (BATCH-A)	
Fourth	22/01/25	Wednesday	AN44.3 Describe the formation of rectus sheath and its contents	AN44.4 Describe & demonstrate extent, boundaries, contents of Inguinal canal including Hesselbach's triangle AN44.5 Explain the anatomical basis of inguinal hernia.	AN44.3 Describe the formation of rectus sheath and its contents		AN50.1 Describe the curvatures of the vertebral column AN53.1 Identify & hold the Lumbar vertebra in the anatomical position, Describe the salient features, articulations & demonstrate the attachments of muscle groups	AN44.3 Describe the formation of rectus sheath and its contents	
Fourth	23/01/25	Thursday	PY4.4 Describe the composition, mechanism of secretion, functions, and regulation of gastric juice secretion. Describe gastric function tests	BC 8.1 BC 14.19 (3) Describe the Biochemical role of vitamins in the body and explain the manifestations of their deficiency VITAMIN-E, K PE 12.4/ 12.5/ 12.6, GM 24.3	PY5.8 Describe and discuss local and systemic cardiovascular regulatory mechanisms	PY5.6 SDL-4 Describe abnormal ECG, arrhythmias, heart block and myocardial infarction SDL S	Batch C DOAP PY 2.11 DLC -2 PY Batch A PY 3.12 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (Effect of two successive stimuli, Effect of load on SMC)	BC14.18 LD Protein electrophoresis PAGE (BATCH-B)	
Fourth	24/01/25	Friday	AN46.1 Describe & demonstrate coverings, internal structure, side determination, blood supply, nerve supply, lymphatic drainage & descent of testis with its applied anatomy AN46.3 Describe Penis under following headings: (parts, components, blood supply and lymphatic drainage) AN46.2 Describe parts of Epididymis AN46.4 Explain the anatomical basis of Varicocele	EMBRYOLOGY AN80.1 Describe formation, functions & fate of chorion; amnion; yolk sac; allantois & decidua AN80.2 Describe formation & structure of umbilical cord AN80.3 Describe formation of placenta, its physiological functions, foetomaternal circulation & placental barrier AN80.4 Describe embryological basis of twinning in monozygotic & dizygotic twins AN80.5 Describe role of placental hormones in uterine growth & parturition	AN44.4 Describe & demonstrate extent, boundaries, contents of Inguinal canal including Hesselbach's triangle AN44.5 Explain the anatomical basis of inguinal hernia.		AN53.1 Identify & hold the Sacrum bone in the anatomical position, Describe the salient features, articulations & demonstrate the attachments of muscle groups Explain and demonstrate clinical importance of bones of abdominopelvic region (sacralization of lumbar vertebra, Lumbarization of 1st sacral vertebra, types of bony pelvis & Coccyx)	AN44.4 Describe & demonstrate extent, boundaries, contents of Inguinal canal including Hesselbach's triangle AN44.5 Explain the anatomical basis of inguinal hernia.	
Fourth	25/01/25	Saturday	BC 8.1 BC 14.19 (4) Describe the Biochemical role of vitamins in the body and explain the manifestations of their deficiency VITAMIN-C, B1, B2 PE 12.8/ 12.7, GM 24.3	Batch A DOAP PY 2.11 DLC -2 PY Batch B PY 3.12 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (Effect of two successive stimuli, Effect of load on SMC)	BC 14.18 LD Protein electrophoresis PAGE (BATCH-C)		CM 17.4 National Health Policies		
Fifth	26/01/25	Sunday	REPUBLIC DAY						
Fifth	27/01/25	Monday	AN47.1 Describe & identify boundaries and recesses of Lesser & Greater sac	HISTOLOGY AN68.1 Describe & identify multipolar & unipolar neuron, ganglia, peripheral nerve AN68.2 Describe the structure-function correlation of neuron AN68.3 Describe the ultrastructure of nervous tissue	AN47.1 Describe & identify boundaries and recesses of Lesser & Greater sac		AN47.2 Name & identify various peritoneal folds & pouches with its explanation AN47.3 Explain anatomical basis of Ascites & Peritonitis AN47.4 Explain anatomical basis of Subphrenic abscess	AN47.1 Describe & identify boundaries and recesses of Lesser & Greater sac	

Fifth	28/01/25	Tuesday	BC 8.1 BC 14.19 (5) Describe the Biochemical role of vitamins in the body and explain the manifestations of their deficiency VITAMIN-B3 , B6 PE 12.7, GM 24.3	PY5.9 Describe the factors affecting heart rate and its regulation.	PY4.4 Describe the composition, mechanism of secretion, functions, and regulation of pancreatic juice secretion and pancreatic exocrine function tests.	PY 7.1 Describe functional anatomy of kidney and non-excretory functions of kidney		Batch B DOAP PY 3.11 Ergography PY Batch C PY 3.12 Observe with Computer assisted learning (I) amphibian nerve - muscle experiments(Genesis of Tetanus ,fatigue, Velocity of nerve impulse)	BC14.3 Describe the physical properties, chemical constituents of normal urine and abnormal constituents of urine and Perform urine analysis to determine normal and abnormal constituents (BATCH-A)
Fifth	29/01/25	Wednesday	AN 47.5 Describe & demonstrate 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 Splenic notch, Accessory spleens, Kehr's sign, Different types of vagotomy, Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach	"AN 47.5 Describe & demonstrate 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 Splenic notch, Accessory spleens, Kehr's sign, Different types of vagotomy, Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach	AN 47.5 Describe & demonstrate Liver under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)		AN53.2 Demonstrate the anatomical position of bony pelvis & show boundaries of pelvic inlet, pelvic cavity, pelvic outlet AN53.3 Define true pelvis and false pelvis and demonstrate sex determination in male & female bony pelvis DOAP	AN 47.5 Describe & demonstrate Liver under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)	
Fifth	30/01/25	Thursday	PY 7.2 Describe the structure and functions of juxta glomerular apparatus and role of renin, angiotensin system	BC 8.1 BC 14.19 (6) Describe the Biochemical role of vitamins in the body and explain the manifestations of their deficiency VITAMIN-B7 , B9 PE 12.7/26.3, GM 24.3	PY5.10 Describe cardiac output, factors affecting cardiac output and its regulation.	PY4.6 Describe the composition, mechanism of secretion, functions, and regulation of intestinal juices		Batch C DOAP PY 3.11 Ergography PY Batch A PY 3.12 Observe with Computer assisted learning (I) amphibian nerve - muscle experiments(Genesis of Tetanus ,fatigue, Velocity of nerve impulse)	BC14.3 Describe the physical properties, chemical constituents of normal urine and abnormal constituents of urine and Perform urine analysis to determine normal and abnormal constituents (BATCH-B)
Fifth	31/01/25	Friday	"AN 47.5 Describe & 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) AN47.6 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's sign, Different types of vagotomy, Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach	EMBRYOLOGY AN81.1 Describe various methods of prenatal diagnosis AN81.2 Describe indications, process and disadvantages of amniocentesis AN81.3 Describe indications, process and disadvantages of chorion villus biopsy	"AN 47.5 Describe & demonstrate Stomach under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)"		AN 47.5 Describe & demonstrate Liver under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) DOAP ILIVER	"AN 47.5 Describe & demonstrate Stomach under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)"	

First	01/02/25	Saturday	PY5.11 Describe blood pressure, factors affecting blood pressure and its regulation.	Batch A DOAP PY 3.11 Ergography PY Batch B PY 3.12 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (Genesis of Tetanus, fatigue, Velocity of nerve impulse)	BC 14.3 Describe the physical properties, chemical constituents of normal urine and abnormal constituents of urine and Perform urine analysis to determine normal and abnormal constituents (BATCH-C)		CM 17.4 MDGs, SDGs	
Second	02/02/25	Sunday						
Second	03/02/25	Monday	""AN 47.5Describe & demonstrate Small and Large Intestine 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, Different types of vagotomy, Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach	HISTOLOGY AN72.1 Identify the skin and its appendages under the microscope and correlate the structure with function	AN 47.5Describe & demonstrate Small and Large Intestine under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)		ANATOMY ECE - Meniscal Injuries of Knee Joint	
Second	04/02/25	Tuesday	BC 8.1 BC 14.19 (7) Describe the Biochemical role of vitamins in the body and explain the manifestations of their deficiency VITAMIN-B12 PE 12.7, GM 24.3	PY 5.12 Describe and discuss regional microcirculation including micro circulation, cerebral, capillary, skin, fetal, pulmonary and splanchnic circulation	PY 4.9 Describe & discuss the structure and functions of liver and gall bladder (HI-Bio)	AETCOM Module 1.3 Doctor -patient relationship	DOAP Batch B PY 5.15 Record and interpret ECG Batch C PY 3.12 Observe with Computer assisted learning (i) amphibian cardiac experiments- NCG, Effect of temperature, All or none law and Refractory period	BC14.3 Describe the physical properties, chemical constituents of normal urine and abnormal constituents of urine and Perform urine analysis to determine normal and abnormal constituents (BATCH-A)
Second	05/02/25	Wednesday	AN 47.5Describe & demonstrate Pancreas 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, Different types of vagotomy, Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach	"AN 47.5Describe & demonstrate 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, Different types of vagotomy, Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach	"AN 47.5Describe & demonstrate Duodenum and Pancreas under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)"		AN 47.5Describe & demonstrate Stomach and Spleen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) DOAP	"AN 47.5Describe & demonstrate Spleen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)"
Second	06/02/25	Thursday	BC 8.2 (1) Discuss the importance of various dietary components and explain importance of dietary fibre.	AETCOM 1.1(2) Describe and discuss commitment to lifelong learning as an important part of physician growth ASSESSMENT	PY5.11Describe the pathophysiology of shock, syncope and heart failure	AETCOM Module 1.2 What does it mean to be a patient?	DOAP Batch C PY 5.15 Record and interpret ECG Batch A PY 3.12 Observe with Computer assisted learning (i) amphibian cardiac experiments- NCG, Effect of temperature, All or none law and Refractory period	BC14.3 Describe the physical properties, chemical constituents of normal urine and abnormal constituents of urine and Perform urine analysis to determine normal and abnormal constituents (BATCH-B)

Second	07/02/25	Friday	AN47.8 Describe & identify the formation, course relations and tributaries of Portal vein, Inferior vena cava & Renal vein AN47.9 Describe & identify the origin, course, important relations and branches of Abdominal aorta, Coeliac trunk, Superior mesenteric, Inferior mesenteric & Common iliac artery	EMBRYOLOGY AN52.4 Describe the development of anterior abdominal wall AN52.5 Describe the development and congenital anomalies of Diaphragm	AN 47.5 Describe & demonstrate Spleen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)	AN 47.5 Describe & demonstrate Duodenum and Pancreas under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) DOAP	"AN47.8 Describe & identify the formation, course relations and tributaries of Portal vein, Inferior vena cava & Renal vein AN47.9 Describe & identify the origin, course, important relations and branches of Abdominal aorta, Coeliac trunk, Superior mesenteric, Inferior mesenteric & Common iliac artery"
Second	08/02/25	Saturday	BC 8.3 BC 14.19 (2) Describe the types and causes of protein energy malnutrition and its effects. PE 10.3, GM 24.3	DOAP Batch A PY 5.15 Record and interpret ECG Batch B PY 3.12 Observe with Computer assisted learning (i) amphibian cardiac experiments- NCG .Effect of temperature, All or none law and Refractory period	BC 14.3 Describe the physical properties, chemical constituents of normal urine and abnormal constituents of urine and Perform urine analysis to determine normal and abnormal constituents (BATCH-C)	CM 5.1 Common sources of various nutrients, Special nutritional requirements according to age, sex, activity, physiological conditions	CM 5.1 Demonstration: Foods we eat & their nutritive values
Third	09/02/25	Sunday					
Third	10/02/25	Monday	AN 47.5 Describe & demonstrate Extra Hepatic biliary 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 Splenic notch, Accessory spleens, Kehr's sign, Different types of vagotomy, Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach AN47.7 Mention the clinical importance of Calot's triangle	HISTOLOGY AN52.1 Describe & identify the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, Pylorus of stomach,	AN 47.5 Describe & demonstrate Extra Hepatic biliary 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 Splenic notch, Accessory spleens, Kehr's sign, Different types of vagotomy, Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach	ANATOMY SDL- Genetic Syndromes	
Third	11/02/25	Tuesday	BC 7.2 (1) Describe the Biochemical processes involved in generation of energy in cells.	BIOCHEMISTRY ECE-2 (PROTEIN ENERGY MALNUTRITION)		Batch B PY 3.12 Observe with Computer assisted learning (i) amphibian cardiac experiments-Phenomenon of Beneficial effect, Nervous regulation of Heart and Vagal escape Batch C PY 12.9 DOAP Introduction to clinical examination	BC14.12 Perform the estimation of serum total cholesterol (BATCH-A) SEMINAR (ROLL NO. 31-40)
Third	12/02/25	Wednesday	8.00 am to 2.00 pm FAP Addictions Tobacco, Alcohol, Screen addiction and other addictions			AN47.8 Describe & identify the formation, course relations and tributaries of Portal vein, Inferior vena cava & Renal vein AN47.10 Enumerate the sites of portosystemic anastomosis AN47.11 Explain the anatomic basis of hematemesis & caput medusae in portal hypertension	AN47.8 Describe & identify the formation, course relations and tributaries of Portal vein, Inferior vena cava & Renal vein AN47.10 Enumerate the sites of portosystemic anastomosis AN47.11 Explain the anatomic basis of hematemesis & caput medusae in portal hypertension
Third	13/02/25	Thursday	BC 7.2 (2) Describe the Biochemical processes involved in generation of energy in cells.	SDL-2 BC 3.2 Describe the digestion, absorption and transport of carbohydrates from food along with its disorders.	PY 4.7 Digestion and absorption of nutrients SDL -5 PY5.11 Describe the pathophysiology of shock, syncope and heart failure	Batch C PY 3.12 Observe with Computer assisted learning (i) amphibian cardiac experiments-Phenomenon of Beneficial effect, Nervous regulation of Heart and Vagal escape Batch A PY 12.9 DOAP Introduction to clinical examination	BC14.12 Perform the estimation of serum total cholesterol (BATCH-B) SEMINAR (ROLL NO. 51-60)

Third	14/02/25	Friday	AN 47.5 Describe & demonstrate Kidney under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) AN47.6 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's sign, Different types of vagotomy, Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach	EMBRYOLOGY AN52.6 Describe the development and congenital anomalies of: Foregut.	AN 47.5 Describe & demonstrate Kidney under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) AN47.6 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's sign, Different types of vagotomy, Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach		AN 47.5 Describe & demonstrate Kidney under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) DOAP	AN 47.5 Describe & demonstrate Kidney under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) AN47.6 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's sign, Different types of vagotomy, Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach	
Third	15/02/25	Saturday	PY7.3 Describe the mechanism of urine formation involving processes of filtration, tubular reabsorption & secretion.	Batch A PY 3.12 Observe with Computer assisted learning (i) amphibian cardiac experiments-Phenomenon of Beneficial effect, Nervous regulation of Heart and Vagal escape Batch B PY 12.9 DOAP Introduction to clinical examination	BC 14.12 Perform the estimation of serum total cholesterol (BATCH-C) SEMINAR (ROLL NO. 110-120)		CM 5.3 Common nutritional deficiency diseases- Epidemiology, prevention and control- 1 (LBW, Malnutrition)	CM 5.2 Nutritional assessment at individual level-DOAP, Nutritional assessment at family and community level -DOAP	
Fourth	16/02/25	Sunday							
Fourth	17/02/25	Monday	AN 47.5 Describe & demonstrate Adrenal Gland 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, Different types of vagotomy, Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach	HISTOLOGY AN52.6 Describe & identify the microanatomical features of Gastro-intestinal system: Duodenum, Jejunum, Ileum,	AN 47.5 Describe & demonstrate Adrenal 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 47.5 Describe & demonstrate Ureter under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)	AN 47.5 Describe & demonstrate Ureter under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)	
Fourth	18/02/25	Tuesday	BC 3.3 (1) Define and briefly describe the pathways of carbohydrate metabolism and their regulation (glycolysis, gluconeogenesis, TCA, and significance of glycogen metabolism and HMP shunt), with associated disorders	PY 4.2 Enumerate various GI hormones, discuss their functions and regulations	PY7.4 Describe the mechanism of concentration and diluting of urine	AETCOM Module 1.3 Doctor -patient relationship	Batch B PY 3.12 Observe with Computer assisted learning (i) amphibian cardiac experiments-Effect of drugs and ions on normal cardiogram Batch C PY 5.16 DOAP Clinical examination of arterial pulse.	REVISION ABNORMAL URINE AND DIPSTICK URINE ANALYSIS BC14.3 BC14.4 Identify abnormal constituents in urine, interpret the findings and correlate these with pathological states and prepare a urine report. (including dipsticks method demonstration). (BATCH-A)	
Fourth	19/02/25	Wednesday	HOLIDAY- SHIV JAYANTI						

Fourth	20/02/25	Thursday	PY 4.10 Describe Gut-brain Axis and its physiological significance.	BC 3.3 (2) Define and briefly describe the pathways of carbohydrate metabolism and their regulation (glycolysis, gluconeogenesis, TCA, and significance of glycogen metabolism and HMP shunt), with associated disorders	PY 7.5 Describe the renal regulation of fluid and electrolytes and acid base balance	PY6.1 Describe the functional anatomy of respiratory tract		Batch C PY 3.12 Observe with Computer assisted learning (i) amphibian cardiac experiments-Effect of drugs and ions on normal cardiogram Batch A PY 5.16 DOAP Clinical examination of arterial pulse.	REVISION ABNORMAL URINE AND DIPSTICK URINE ANALYSIS BC14.3 BC14.4 Identify abnormal constituents in urine, interpret the findings and correlate these with pathological states and prepare a urine report. (including dipsticks method demonstration). (BATCH-B)
Fourth	21/02/25	Friday	AN47.13 Describe & demonstrate the attachments, openings, nerve supply & action of the thoracoabdominal diaphragm AN47.14 Describe the abnormal openings of thoracoabdominal diaphragm and diaphragmatic hernia	EMBRYOLOGY AN52.6 Describe the development and congenital anomalies of: Midgut	AN47.13 Describe & demonstrate the attachments, openings, nerve supply & action of the thoracoabdominal diaphragm AN47.14 Describe the abnormal openings of thoracoabdominal diaphragm and diaphragmatic hernia		AN45.1 Describe Thoracolumbar fascia AN45.2 Describe & demonstrate Lumbar plexus for its root value, formation & branches Posterior Abdominal Wall		
Fourth	22/02/25	Saturday	BC 3.3 (3) Define and briefly describe the pathways of carbohydrate metabolism and their regulation (glycolysis, gluconeogenesis, TCA, and significance of glycogen metabolism and HMP shunt), with associated disorders	Batch A PY 3.12 Observe with Computer assisted learning (i) amphibian cardiac experiments-Effect of drugs and ions on normal cardiogram Batch B PY 5.16 DOAP Clinical examination of arterial pulse.	REVISION ABNORMAL URINE AND DIPSTICK URINE ANALYSIS BC14.3 BC14.4 Identify abnormal constituents in urine, interpret the findings and correlate these with pathological states and prepare a urine report. (including dipsticks method demonstration). (BATCH-C)				
Fifth	23/02/25	Sunday							
Fifth	24/02/25	Monday	AN48.2 Describe & demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important male & female pelvic viscera AN48.5 Explain the anatomical basis of suprapubic cystostomy, Urinary obstruction in benign prostatic hypertrophy, Retroverted uterus, Prolapse uterus, Internal and external haemorrhoids, Anal fistula, Vasectomy, Tubal pregnancy & Tubal ligation AN48.6 Describe the neurological basis of Automatic bladder.	HISTOLOGY AN52.6 Describe & identify the microanatomical features of Gastro-intestinal system: Large intestine, Appendix,	AN48.2 Describe & demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important male & female pelvic viscera		AN48.2 Describe & demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important male & female pelvic viscera AN48.5 Explain the anatomical basis of suprapubic cystostomy, Urinary obstruction in benign prostatic hypertrophy, Retroverted uterus, Prolapse uterus, Internal and external haemorrhoids, Anal fistula, Vasectomy, Tubal pregnancy & Tubal ligation Ovary and Fallopian Tube	AN48.2 Describe & demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important male & female pelvic viscera	

Fifth	25/02/25	Tuesday	<p>BC 3.3 (4) Define and briefly describe the pathways of carbohydrate metabolism and their regulation (glycolysis, gluconeogenesis, TCA, and significance of glycogen metabolism and HMP shunt), with associated disorders.</p> <p>BC 3.6 Interpret the results of analytes associated with metabolism of carbohydrates and other laboratory investigations related to disorders of carbohydrate metabolism.</p>	<p>SDL 6-PY 4.9 Discuss the physiology aspects of: peptic ulcer, gastro-oesophageal reflux disease, vomiting, diarrhoea, constipation, Adynamic ileus, Hirschsprung's disease</p>	<p>PY 7.6 Describe the innervations of urinary bladder, physiology of micturition and its abnormalities, PY 7.7 Describe cystometry and discuss the normal cystometrogram</p>	<p>PY6.2 Describe the mechanics of normal respiration, pressure changes during ventilation, lung volume and capacities.</p>	<p>Batch B PY 5.14 -SGD -Autonomic function tests Batch C PY 5.16 -DOAP Arterial Pulse Tracing</p>	<p>FORMATIVE ASSESSMENT - 1 BC14.7 Perform estimation of glucose by manual / semi-automated analyzer method and demonstrate glucometer usage. And interpretation of results with clinical scenarios. (BATCH-A)</p>
Fifth	26/02/25	Wednesday	HOLIDAY- MAHASHIVRATRI					
Fifth	27/02/25	Thursday	<p>PY 7.8 Discuss various renal functional tests with its physiological significance and clinical implication of renal clearance</p>	<p>BC 3.3 (5) Define and briefly describe the pathways of carbohydrate metabolism and their regulation (glycolysis, gluconeogenesis, TCA, and significance of glycogen metabolism and HMP shunt), with associated disorders.</p> <p>BC 3.6 Interpret the results of analytes associated with metabolism of carbohydrates and other laboratory investigations related to disorders of carbohydrate metabolism.</p>	<p>SDL -7 PY 7.6 Abnormal bladders and clinical application of excretory system</p>	<p>PY6.2 Describe the mechanics of normal respiration, pressure changes during ventilation, lung volume and capacities.</p>	<p>Batch C PY 5.14 -SGD -Autonomic function tests Batch A PY 5.16 -DOAP Arterial Pulse Tracing</p>	<p>FORMATIVE ASSESSMENT - 1 BC14.7 Perform estimation of glucose by manual / semi-automated analyzer method and demonstrate glucometer usage. And interpretation of results with clinical scenarios. (BATCH-B)</p>
Fifth	28/02/25	Friday	<p>AN48.2 Describe & demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important male & female pelvic viscera</p> <p>AN48.5 Explain the anatomical basis of suprapubic cystostomy, Urinary obstruction in benign prostatic hypertrophy, Retroverted uterus, Prolapse uterus, Internal and external haemorrhoids, Anal fistula, Vasectomy, Tubal pregnancy & Tubal ligation</p> <p>AN48.8 Mention the structures palpable during vaginal & rectal examination</p> <p>UTERUS</p>	<p>EMBRYOLOGY</p> <p>AN52.6 Describe the development and congenital anomalies of: Hindgut</p>	<p>AN48.2 Describe & demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important male & female pelvic viscera</p> <p>UTERUS</p>		<p>AN48.2 Describe & demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important male & female pelvic viscera</p> <p>UTERUS & FALLOPIAN TUBE DOAP</p>	<p>AN48.2 Describe & demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important male & female pelvic viscera</p> <p>UTERUS</p>
First	01/03/25	Saturday	<p>PY6.3 Describe alveolar surface tension, compliance, airway resistance, ventilation, V/P ratio, diffusion capacity of lungs</p>	<p>Batch A PY 5.14 -SGD -Autonomic function tests Batch B PY 5.16 -DOAP Arterial Pulse Tracing</p>	<p>FORMATIVE ASSESSMENT - 1 BC14.7 Perform estimation of glucose by manual / semi-automated analyzer method and demonstrate glucometer usage. And interpretation of results with clinical scenarios. (BATCH-C)</p>		<p>CM 5.3 Common nutritional deficiency diseases- Epidemiology , prevention and control- 2 (Vitamin A def. Disorders, Iodine Deficiency disorders, Nutritional Anemia</p>	
Second	02/03/25	Sunday						

Second	03/03/25	Monday	AN48.2 Describe & demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important male & female pelvic viscera AN48.5 Explain the anatomical basis of suprapubic cystostomy, Urinary obstruction in benign prostatic hypertrophy, Retroverted uterus, Prolapse uterus, Internal and external haemorrhoids, Anal fistula, Vasectomy, Tubal pregnancy & Tubal ligation AN48.7 Mention the lobes involved in benign prostatic hypertrophy & prostatic cancer	HISTOLOGY AN52.6 Describe & identify the microanatomical features of Gastro-intestinal system: Liver, Gall bladder, Pancreas	AN48.2 Describe & demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important male & female pelvic viscera PROSTATE		ANATOMY ECE - Prolapse of Uterus		
Second	04/03/25	Tuesday	BC 3.4 (6) Describe and discuss the regulation, functions and integration of minor Carbohydrate Metabolism pathway briefly along with associated diseases /disorders.	PY 7.9 Describe artificial kidney, dialysis and renal transplantation (VI-GM)	PY6.3 Describe alveolar surface tension, compliance, airway resistance, ventilation, V/P ratio, diffusion capacity of lungs	PY9.1 Describe and discuss sex determination; sex differentiation and their abnormalities and outline psychiatry and practical implication of sex determination.		Batch B PY 5.14 DOAP Determination of Arterial Blood Pressure Batch C PY 6.13 DOAP PEFR	BC14.7 Perform estimation of glucose by manual / semi-automated analyzer method and demonstrate glucometer usage. And interpretation of results with clinical scenarios. (BATCH-A)
Second	05/03/25	Wednesday	AN48.2 Describe & demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important male & female pelvic viscera- VAS DEFERENCE, SEMINAL VESSICLE AND MALE URETHRA	AN48.1 Describe & identify the muscles of Pelvic diaphragm	AN48.2 Describe & demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important male & female pelvic viscera PROSTATE		"AN48.2 Describe & demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important male & female pelvic viscera- VAS DEFERENCE, SEMINAL VESSICLE AND TESTES	"AN48.2 Describe & demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important male & female pelvic viscera"	
Second	06/03/25	Thursday	BC 3.5 BC 14.19 (7) Discuss the mechanism and significance of blood glucose regulation (Glucose homeostasis) in health and disease. Describe the types, Biochemical changes, complications and laboratory investigations related to diabetes & other carbohydrate metal disorders. PA 31.5, CM 8.2, GM 11.11, PE 30.4, OG 12.3	LFT BC 11.1 BC 14.19 Describe the function tests of kidney, liver, thyroid and adrenal glands and their clinical significance. Interpret the function tests report. PA 22.4, GM 5.11/5.13, PE 23.20/ 26.11	PY 6.4 Describe and discuss the transport of respiratory gases: Oxygen and Carbon dioxide	PY 9.2 Describe and discuss puberty - onset, progression, stages, early and delayed puberty.		Batch C PY 5.14 DOAP Determination of Arterial Blood Pressure Batch A PY 6.13 DOAP PEFR	BC14.7 Perform estimation of glucose by manual / semi-automated analyzer method and demonstrate glucometer usage. And interpretation of results with clinical scenarios. (BATCH-B)

Second	07/03/25	Friday	AN48.2 Describe & demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important male & female pelvic viscera AN48.5 Explain the anatomical basis of suprapubic cystostomy, Urinary obstruction in benign prostatic hypertrophy, Retroverted uterus, Prolapse uterus, Internal and external haemorrhoids, Anal fistula, Vasectomy, Tubal pregnancy & Tubal ligation AN48.7 Mention the lobes involved in benign prostatic hypertrophy & prostatic cancer RECTUM	EMBRYOLOGY AN52.7 Describe the development of Urinary system	AN48.2 Describe & demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important male & female pelvic viscera AN48.5 Explain the anatomical basis of suprapubic cystostomy, Urinary obstruction in benign prostatic hypertrophy, Retroverted uterus, Prolapse uterus, Internal and external haemorrhoids, Anal fistula, Vasectomy, Tubal pregnancy & Tubal ligation AN48.7 Mention the lobes involved in benign prostatic hypertrophy & prostatic cancer RECTUM		RADIOLOGY AND SURFACE ANATOMY AN54.1 Describe & identify features of plain X ray abdomen AN54.2 Describe & identify the special radiographs of abdominopelvic region (contrast X ray Barium swallow, Barium meal, Barium enema, Cholecystography, Intravenous pyelography & Hysterosalpingography) 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	AN48.2 Describe & demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important male & female pelvic viscera AN48.5 Explain the anatomical basis of suprapubic cystostomy, Urinary obstruction in benign prostatic hypertrophy, Retroverted uterus, Prolapse uterus, Internal and external haemorrhoids, Anal fistula, Vasectomy, Tubal pregnancy & Tubal ligation AN48.7 Mention the lobes involved in benign prostatic hypertrophy & prostatic cancer ANAL CANAL
Second	08/03/25	Saturday	BC 14.22/ GM 11.11 (8) Describe performance of OGTT, Glucose Challenge Test and HbA1c and interpretation of results with clinical scenarios.	Batch A PY 5.14 DOAP Determination of Arterial Blood Pressure Batch B PY 6.13 DOAP PEFR	BC 14.7 Perform estimation of glucose by manual / semi-automated analyzer method and demonstrate glucometer usage. And interpretation of results with clinical scenarios. (BATCH-C)		CM 5.3 Common nutritional deficiency diseases- Epidemiology, prevention and control- 3 (Nutritional Anemia, Endemic Fluorosis, Lathyrism)	CM 5.5 Visit to Nutritional rehabilitation centre
Third	09/03/25	Sunday						
Third	10/03/25	Monday	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, Perianal abscess and Anal fissure	HISTOLOGY AN52.2 Describe & identify the microanatomical features of: Urinary system: Kidney, Ureter & Urinary bladder	"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, Perianal abscess and Anal fissure"		ANATOMY SDL - 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	
Third	11/03/25	Tuesday	BC 14.20 Describe & Identify Pre-Analytical (especially order of draw, tourniquet technique), Analytical, Post Analytical errors.	PHYSIOLOGY ECE-Myocardial Infarction			Batch B DOAP PY 6.11 Artificial respiration Batch C DOAP PY 5.14 CPET and JVP	SDL-3 BC 8.4 Provide dietary advice for optimal health in childhood and adult in disease conditions like diabetes mellitus BC14.21 Describe Quality control and identify basic LJ charts in Clinical biochemistry lab. (BATCH-A)
Third	12/03/25	Wednesday	"AN49.1 Describe & demonstrate the superficial & deep perineal pouch (boundaries and contents)"	AN49.4 Describe & demonstrate boundaries, content & applied anatomy of Ischiorectal fossa	"AN49.1 Describe & demonstrate the superficial & deep perineal pouch (boundaries and contents)"		AN48.3 Describe & demonstrate the origin, course, important relations and branches of internal iliac artery AN48.4 Describe the branches of sacral plexus	AN49.4 Describe & demonstrate boundaries, content & applied anatomy of Ischiorectal fossa
Third	13/03/25	Thursday	Xenobiotics BC 12.1 Describe the role of xenobiotics in disease in health and disease.	PY9.3 Describe male reproductive system: functions of testis and control of spermatogenesis & factors modifying it and outline its association with psychiatric illness	PY9.4 Describe female reproductive system: -functions of ovary its hormones and hormonal regulation by HPG axis PY 6.4 Describe and discuss the transport of respiratory gases: Oxygen and Carbon dioxide		Batch C DOAPPY 6.11 Artificial respiration Batch A PY 5.14 DOAP CPET and JVP	SDL-3 BC 8.4 Provide dietary advice for optimal health in childhood and adult in disease conditions like diabetes mellitus BC14.21 Describe Quality control and identify basic LJ charts in Clinical biochemistry lab. (BATCH-B)
Third	14/03/25	Friday				HOLIDAY- DHULIVANDAN		
Third	15/03/25	Saturday	PY 6.5 Describe the chemoreceptors and neural centers of respiration including chemical and neural regulation of respiration	Batch A DOAP PY 6.11 Artificial respiration Batch B PY 5.14 DOAP CPET and JVP	SDL-3 BC 8.4 Provide dietary advice for optimal health in childhood and adult in disease conditions like diabetes mellitus BC 14.21 Describe Quality control and identify basic LJ charts in Clinical biochemistry lab. (BATCH-C)		CM 5.5 Nutritional surveillance and rehabilitation	
Fourth	16/03/25	Sunday						

Fourth	17/03/25	Monday	AN21.4 Describe & demonstrate extent, attachments, direction of fibres, nerve supply and actions of intercostal muscles 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	HISTOLOGY AN52.2 Describe & identify the microanatomical features of: Male Reproductive System: Testis, Epididymis, Vas deferens, Prostate & penis	" AN21.4 Describe & demonstrate extent, attachments, direction of fibres, nerve supply and actions of intercostal muscles 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"		AN21.1 Identify and describe the salient features of sternum,	ABDOMEN SOFT PART REVISION
Fourth	18/03/25	Tuesday	MINERAL-1 BC 9.1 BC 14.19 Describe the dietary sources, absorption, transport, and metabolism, Biochemical functions of Iron, Calcium and copper with its associated clinical disorders. PE 13.1/ 26.2/ 13.4	PY 9.5 Discuss the menstrual cycle, uterine and ovarian changes, hormonal regulation and its implications in reproductive physiology	PY 6.5 Describe the chemoreceptors and neural centers of respiration including chemical and neural regulation of respiration	PY9.3 Describe male reproductive system: functions of testis and control of spermatogenesis & factors modifying it and outline its association with psychiatric illness	Batch B PY 5.16 Clinical examination of CVS Batch C PY 12.10 DOAP Cardiopulmonary Resuscitation(CPR)	BC14.14 Describe estimation of calcium and phosphorus and interpretation of results. (BATCH-A)
Fourth	19/03/25	Wednesday	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 AN24.5 Mention the blood supply, lymphatic drainage and nerve supply of lungs	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	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 AN24.5 Mention the blood supply, lymphatic drainage and nerve supply of lungs		AN21.1 Identify and describe the salient features of typical rib, and atypical ribs	"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 AN24.5 Mention the blood supply, lymphatic drainage and nerve supply of lungs"
Fourth	20/03/25	Thursday	PY 6.8 Describe and discuss the physiology of high altitude and acclimatisation	MINERAL-2 BC 9.2 BC 14.19 Discuss Magnesium, Zinc and Phosphorus along with its clinical significance and discuss the functions of trace elements	"SDL 9 PY9.6 Enumerate the contraceptive methods for male and female. Discuss their advantages & disadvantages"	"PY6.6 Describe and discuss the pathophysiology of dyspnoea, hypoxia, cyanosis asphyxia; drowning, periodic breathing""	Batch C PY 5.16 Clinical examination of CVS Batch A PY 12.10 DOAP Cardiopulmonary Resuscitation(CPR)	BC14.14 Describe estimation of calcium and phosphorus and interpretation of results. (BATCH-B) JOURNAL COMPLETION AND CERTIFICATION
Fourth	21/03/25	Friday	AN21.9 Describe & demonstrate mechanics and types of respiration	EMBRYOLOGY AN52.8 Describe the development of male reproductive system	"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 AN24.5 Mention the blood supply, lymphatic drainage and nerve supply of lungs"		AN21.1 Identify and describe the salient features of sternum, typical rib, 1st rib and typical thoracic vertebra AN21.2 Identify & describe the features of 2nd, 11th and 12th ribs, 1st, 11th and 12th thoracic vertebrae	"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 AN24.5 Mention the blood supply, lymphatic drainage and nerve supply of lungs"
Fourth	22/03/25	Saturday	AETCOM 1.1(3) Describe and discuss the role of a physician in health care system	Batch A PY 5.16 Clinical examination of CVS Batch B PY 12.10 DOAP Cardiopulmonary Resuscitation(CPR)	BC 14.14 Describe estimation of calcium and phosphorus and interpretation of results. (BATCH-C) JOURNAL COMPLETION AND CERTIFICATION			
Fifth	23/03/25	Sunday						

Fifth	24/03/25	Monday	"AN21.11 Mention boundaries and contents of the superior, anterior, middle and posterior mediastinum AN21.3 Describe & demonstrate the boundaries of thoracic inlet, cavity and outlet SUPERIOR MEDIASTINUM	HISTOLOGY AN52.2 Describe & identify the microanatomical features of: Female reproductive system: Ovary, Uterus, Uterine tube, Cervix, Placenta & Umbilical cord	"AN21.11 Mention boundaries and contents of the superior, anterior, middle and posterior mediastinum AN21.3 Describe & demonstrate the boundaries of thoracic inlet, cavity and outlet"		REVISION	
Fifth	25/03/25	Tuesday	ADRENAL BC 11.1 Describe the function tests of kidney, liver, thyroid and adrenal glands and their clinical significance. Interpret the function tests report.	PY 6.7 SDL 8 Describe and discuss Lung Function Tests and their clinical Significance	PY 6.9 Describe and discuss the physiology of deep sea diving and decompression sickness	PY9.7 Describe and discuss the physiology of pregnancy, parturition & lactation and outline the psychology and psychiatry-disorders associated with it. PY9.9 Discuss the hormonal changes and their effects during perimenopause and menopause and PY9.10 Discuss the common causes of infertility in a couple and role of IVF in managing a case of infertility	Batch B -and C -Formative assesment -Clinical examination and Journal /log book completion	REVISION (BATCH-A) JOURNAL COMPLETION AND CERTIFICATION
Fifth	26/03/25	Wednesday	Internal Assessment II -Theory - Anatomy					
Fifth	27/03/25	Thursday	Internal Assessment II - Theory - Physiology					
Fifth	28/03/25	Friday	Internal Assessment II - Theory - Biochemistry					
Fifth	29/03/25	Saturday	Internal Assessment II - Theory - Community Medicine					
Sixth	30/03/25	Sunday	HOLIDAY - GUDIPADWA					
Sixth	31/03/25	Monday	HOLIDAY - RAMJAN EID					
First	01/04/25	Tuesday	Internal Assessment II - Practical					
First	02/04/25	Wednesday	Internal Assessment II- Practical					
First	03/04/25	Thursday	Internal Assessment II - Practical					
First	04/04/25	Friday	Internal Assessment II - Practical					
First	05/04/25	Saturday	Paper discussion & feedback	Student Seminar	CO-CURRICULAR ACTIVITY			
Second	06/04/25	Sunday	HOLIDAY - MAHAVIR JAYANTI					
Second	07/04/25	Monday	"AN21.11 Mention boundaries and contents of the anterior, middle and posterior mediastinum	"HISTOLOGY AN52.2 Describe & identify the microanatomical features of: Female reproductive system: Ovary, Uterus, Uterine tube, Cervix, Placenta & Umbilical cord"	"AN21.11 Mention boundaries and contents of the anterior, middle and posterior mediastinum		"AN21.11 Mention boundaries and contents of the superior, anterior, middle and posterior mediastinum AN21.3 Describe & demonstrate the boundaries of thoracic inlet, cavity and outlet DOAP	"AN21.11 Mention boundaries and contents of the anterior, middle and posterior mediastinum
Second	08/04/25	Tuesday	ANTI-OXIDANTS BC 12.2 Describe the anti-oxidant defense systems in the body.	PY 10.1 Describe & discuss functional organisation of CNS	PY 8.1 Describe functional Anatomy of Endocrine glands, Mechanism of hormonal action, regulation & effect of HPA	PY 12.1 Describe Physiological mechanism of Temp regulation	Batch B PY 6.12 DOAP Clinical examination of RS Batch C PY 9.8 SGD Pregnancy tests	BC14.18 Observe use of commonly used equipments/techniques in Biochemistry laboratory - Autoanalyser (BATCH A)

Second	09/04/25	Wednesday	AN22.1 Describe & demonstrate subdivisions, sinuses in pericardium, blood supply and nerve supply of pericardium AN22.2 Describe & demonstrate external features of each chamber of heart	AN22.2 Describe & demonstrate external and internal features of each chamber of heart ATRIA	AN22.2 Describe & demonstrate external and internal features of each chamber of heart ATRIA		"AN22.2 Describe & demonstrate external and internal features of each chamber of heart DOAP	"AN22.2 Describe & demonstrate external and internal features of each chamber of heart ATRIA	
Second	10/04/25	Thursday	HOLIDAY - MAHAVIR JAYANTI						
Second	11/04/25	Friday	"AN22.2 Describe & demonstrate external and internal features of each chamber of heart VENTRICALS	EMBRYOLOGY AN52.8 Describe the development of female reproductive system	"AN22.2 Describe & demonstrate external and internal features of each chamber of heart VENTRICALS		"AN22.2 Describe & demonstrate external and internal features of each chamber of heart VENTRICALS DOAP	"AN22.2 Describe & demonstrate external and internal features of each chamber of heart VENTRICALS	
Second	12/04/25	Saturday	SDL-4 BC 12.3 Describe the role of oxidative stress in the pathogenesis of conditions such as cancer, complications of diabetes mellitus and atherosclerosis	Batch A PY 6.12 DOAP Clinical examination of RS Batch B PY 9.8 SGD Pregnancy tests	BC 14.18 Observe use of commonly used equipments/techniques in Biochemistry laboratory -Autoanalyser (BATCH C)		CM 5.6 National Nutritional Policy , National Nutritional Programs	CM 5.5 Visit to Nutritional rehabilitation centre	
Third	13/04/25	Sunday							
Third	14/04/25	Monday	HOLIDAY- AMBEDKAR JAYANTI						
Third	15/04/25	Tuesday	SDL-5 BC 5.3 Describe the digestion and absorption of dietary proteins	BIOCHEMISTRY ECE-3 (OBSTRUCTIVE JAUNDICE)				Batch B PY 4.12 DOAP Clinical examination of Abdomen Batch C PY 12.1 SGD Study of body temp in man	BC14.23 Calculate energy content of different food items, identify food items with high and low glycaemic index and explain the importance of these in the diet. (BATCH-A) Feedback PCT II
Third	16/04/25	Wednesday	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 AN22.6 Describe the fibrous skeleton of heart AN22.7 Mention the parts, position and arterial supply of the conducting system of heart	AN23.1 Describe & demonstrate the external appearance, relations, blood supply, nerve supply,lymphatic drainage and applied anatomy of oesophagus	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 AN22.6 Describe the fibrous skeleton of heart AN22.7 Mention the parts, position and arterial supply of the conducting system of heart		"AN22.3 Describe & demonstrate origin, course and branches of coronary arteries AN22.5 Describe & demonstrate the formation, course, tributaries and termination of coronary sinus DOAP	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 AN22.6 Describe the fibrous skeleton of heart AN22.7 Mention the parts, position and arterial supply of the conducting system of heart	
Third	17/04/25	Thursday	General Reactions BC 5.6 (1) Describe the formation, transport, detoxification of Ammonia,Ammonia toxicity and its clinical significance	Hormone-1 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, crone and AMH. Discuss importance of prenatal screening PE 29.1 /29.4/ 29.5	PY 10.3 Classify neurotransmitters & discuss chemical transmission in Nervous system		Batch C PY 6.12 DOAP Clinical examination of RS Batch A PY 9.8 SGD Pregnancy tests	BC14.23 Calculate energy content of different food items, identify food items with high and low glycaemic index and explain the importance of these in the diet. (BATCH-B) SEMINAR (ROLL NO.61-70) Feedback PCTII	
Third	18/04/25	Friday	HOLIDAY - GOOD FRIDAY						
Third	19/04/25	Saturday	8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland	Batch A PY 4.12 DOAP Clinical examination of Abdomen Batch B PY 12.1 SGD Study of body temp in man	BC 14.23 Calculate energy content of different food items, identify food items with high and low glycaemic index and explain the importance of these in the diet. (BATCH-C) Feedback PCT II		CM 5.7, 5.8 Food hygiene , food adulteration	CM 5.7 Demonstration of simple tests to identify food adulteration	
Fourth	20/04/25	Sunday							

Fourth	21/04/25	Monday	AN23.4 Mention the extent, branches and relations of arch of aorta & descending thoracic aorta	HISTOLOGY AN25.1 Identify, draw and label a slide of trachea and lung	AN23.4 Mention the extent, branches and relations of arch of aorta & descending thoracic aorta			AN23.3 Describe & demonstrate origin, course, relations, tributaries and termination of superior venacava, azygos, hemiazygos and accessory hemiazygos veins	AN23.3 Describe & demonstrate origin, course, relations, tributaries and termination of superior venacava, azygos, hemiazygos and accessory hemiazygos veins
Fourth	22/04/25	Tuesday	Urea Cycle BC 5.6 (2) Describe the formation, transport, detoxification of Ammonia, Ammonia toxicity and its clinical significance	PY10.4 Describe and discuss the functions and properties of synapse	8.3 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of Thyroid gland	PY 12.2 Discuss adaptation to altered temp & mechanism of fever, cold injuries & heat stroke		Batch B PY 6.10 DOAP Perform spirometry & interpret the finding Batch C PY 9.3 SGD Semen analysis	FORMATIVE ASSESSMENT -2 BC14.8 Perform estimation of urea and calculate BUN and interpretation of results in clinical scenarios. (BATCH-A)
Fourth	23/04/25	Wednesday	AN23.2 Describe & demonstrate the extent, relations tributaries of thoracic duct and enumerate its applied anatomy	AN23.5 Identify & Mention the location and extent of thoracic sympathetic chain	AN23.2 Describe & demonstrate the extent, relations tributaries of thoracic duct and enumerate its applied anatomy			AN25.7 Identify structures seen on a plain x-ray chest (PA view) 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	AN23.2 Describe & demonstrate the extent, relations tributaries of thoracic duct and enumerate its applied anatomy
Fourth	24/04/25	Thursday	PY10.5 Describe and discuss the functions and properties of reflexes	BC 5.7 BC 14.19 (3) Describe the specialized products formed from the amino acids Glycine, Phenylalanine, Tyrosine , Tryptophan, and Methionine, branched chain amino acids and Arginine and the inborn errors associated with them. Discuss new-born screening Genetic disorders PA 11.1	"PY12.3 Describe and discuss cardio-respiratory and metabolic adjustments during exercise; physical training effects"	PY 8.3 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of Thyroid gland		Batch C PY 4.12 DOAP Clinical examination of Abdomen Batch A PY 12.1 SGD Study of body temp in man	FORMATIVE ASSESSMENT -2 BC14.8 Perform estimation of urea and calculate BUN and interpretation of results in clinical scenarios. (BATCH-B)
Fourth	25/04/25	Friday	AN27.1 Describe the layers of scalp, its blood supply, its nerve supply and surgical importance AN27.2 Describe emissary veins with its role in spread of infection from extracranial route to intracranial venous sinuses	Embryology AN25.2 Describe development of pleura, lung, tracheo-oesophageal fistula	AN27.1 Describe the layers of scalp, its blood supply, its nerve supply and surgical importance AN27.2 Describe emissary veins with its role in spread of infection from extracranial route to intracranial venous sinuses			DOAP- AN26.2 Describe the features of norma frontalis & verticalis.	AN27.1 Describe the layers of scalp, its blood supply, its nerve supply and surgical importance AN27.2 Describe emissary veins with its role in spread of infection from extracranial route to intracranial venous sinuses
Fourth	26/04/25	Saturday	BC 5.7 BC 14.19 (4) Describe the specialized products formed from the amino acids Glycine, Phenylalanine, Tyrosine, Tryptophan , and Methionine, branched chain amino acids and Arginine and the inborn errors associated with them. Discuss new-born screening Genetic disorders	Batch A PY 6.10 DOAP Perform spirometry & interpret the finding Batch B PY 9.3 SGD Semen analysis	FORMATIVE ASSESSMENT -2 BC14.8 Perform estimation of urea and calculate BUN and interpretation of results in clinical scenarios. (BATCH-C)				
Fifth	27/04/25	Sunday							
Fifth	28/04/25	Monday	AN28.1 Describe & demonstrate muscles of facial expression and their nerve supply AN28.2 Describe sensory innervation of face AN28.6 Identify superficial muscles of face, their nerve supply and actions	Histology AN43.2 Identify, describe and draw the microanatomy of pituitary gland.	AN28.1 Describe & demonstrate muscles of facial expression and their nerve supply AN28.2 Describe sensory innervation of face AN28.6 Identify superficial muscles of face, their nerve supply and actions			AN35.1 Describe the parts, extent, attachments, modifications of deep cervical fascia	AN28.1 Describe & demonstrate muscles of facial expression and their nerve supply AN28.2 Describe sensory innervation of face AN28.6 Identify superficial muscles of face, their nerve supply and actions

Fifth	29/04/25	Tuesday	BC 5.7 BC 14.19 (5) Describe the specialized products formed from the amino acids Glycine, Phenylalanine, Tyrosine, Tryptophan, and Methionine , branched chain amino acids and Arginine and the inborn errors associated with them. Discuss new-born screening. Genetic disorders	PY10.6 Describe and discuss the functions and properties of receptors	PY 12.4 Discuss Physiological consequences of sedentary lifestyle	PY 8.4 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of Adrenal gland		Batch B & C Formative Assessment of Clinical examinations - CVS, RS & Abdomen	BC14.9 Perform the estimation of serum creatinine and calculate creatinine clearance. (BATCH-A)
Fifth	30/04/25	Wednesday	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	AN29.1 Describe & demonstrate attachments, nerve supply, relations and actions of sternocleidomastoid AN29.2 Explain anatomical basis of Erb's & Klumpke's palsy AN29.3 Explain anatomical basis of wry neck Posterior Triangle	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		DOAP - AN26.2 Describe the features of normal occipitalis, lateralis	AN29.1 Describe & demonstrate attachments, nerve supply, relations and actions of sternocleidomastoid AN29.2 Explain anatomical basis of Erb's & Klumpke's palsy AN29.3 Explain anatomical basis of wry neck Posterior Triangle	
First	01/05/25	Thursday	HOLIDAY- MAHARASHTRA DIN						
First	02/05/25	Friday	AN32.1 Describe boundaries and subdivisions of anterior triangle AN32.2 Describe & demonstrate boundaries and contents of carotid Carotid Triangle and ECA	Embryology CVS I	AN32.1 Describe boundaries and subdivisions of anterior triangle AN32.2 Describe & demonstrate boundaries and contents of carotid Carotid Triangle and ECA		DOAP AN26.2 Describe the features of normal basalis	AN32.1 Describe boundaries and subdivisions of anterior triangle AN32.2 Describe & demonstrate boundaries and contents of carotid Carotid Triangle and ECA	
First	03/05/25	Saturday	PY 8.4 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of Adrenal gland	Batch A & B Formative Assessment of Clinical examinations - CVS, RS & Abdomen	BC 14.9 Perform the estimation of serum creatinine and calculate creatinine clearance. (BATCH-C)		CM 5.8 Food fortification , food additives, Food Toxicants		
Second	04/05/25	Sunday							
Second	05/05/25	Monday	AN32.2 Describe & demonstrate boundaries and contents of muscular, digastric and submental triangles	Histology AN43.2 Identify, describe and draw the microanatomy of thyroid, parathyroid gland, & Suprarenal gland	AN32.2 Describe & demonstrate boundaries and contents of muscular, digastric and submental triangles		AN34.1 Describe & demonstrate the morphology, relations and nerve supply of submandibular salivary gland & submandibular ganglion	AN34.1 Describe & demonstrate the morphology, relations and nerve supply of submandibular salivary gland & submandibular ganglion	
Second	06/05/25	Tuesday	BC 5.7 BC 14.19 (6) Describe the specialized products formed from the amino acids Glycine, Phenylalanine, Tyrosine, Tryptophan, and Methionine , branched chain amino acids and Arginine and the inborn errors associated with them. Discuss new-born screening. Genetic disorders	PY 8.5 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of Parathyroid gland with emphasis on Physiology of bone & calcium metabolism	PY 10.7 Describe and discuss somatic sensations & sensory tract	PY 12.4 Discuss Physiological consequences , metabolic & endocrinal consequences of obesity & metabolic syndrome		Batch B PY 10.19 DOAP Clinical examination of Higher functions Batch C PY 3.12 SGD Revision Amphibian graphs	BC14.15 Describe the estimation Triglycerides, HDL and calculation of LDL and interpretation of results with clinical scenarios. (BATCH-A)
Second	07/05/25	Wednesday	AN35.2 Describe & demonstrate location, parts, borders, surfaces, relations & blood supply of thyroid gland	AN35.3 Demonstrate & describe the origin, parts, course & branches subclavian artery AN35.4 Describe & demonstrate origin, course, relations, tributaries and termination of internal jugular & brachiocephalic veins	AN35.2 Describe & demonstrate location, parts, borders, surfaces, relations & blood supply of thyroid gland		DOAP AN26.2 Describe the features of normal basalis	AN35.2 Describe & demonstrate location, parts, borders, surfaces, relations & blood supply of thyroid gland	

Second	08/05/25	Thursday	SDL-6 BC 4.2 Describe the digestion and absorption of dietary lipids and its associated disorders.	BC 11.1BC 14.19 Describe the function tests of kidney, liver, thyroid and adrenal glands and their clinical significance. Interpret the function tests report. Nephrotic syndrome PA 22.5, GM 10.13, PE 2.8	PY 8.5 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of Parathyroid gland with emphasis on Physiology of bone & calcium metabolism	PY 12.4 Discuss Physiological consequences , metabolic & endocrinal consequences of obesity & metabolic syndrome		Batch C PY 6.10 DOAP Perform spirometry & interpret the finding Batch A PY 9.3 SGD Semen analysis	BC14.15 Describe the estimation Triglycerides, HDL and calculation of LDL and interpretation of results with clinical scenarios. (BATCH-B)	
Second	09/05/25	Friday	AN28.5 Describe cervical lymph nodes and lymphatic drainage of head, face and neck AN35.5 Describe and demonstrate extent, drainage & applied anatomy of cervical lymph nodes AN35.6 Describe and demonstrate the extent, formation, relation & branches of cervical sympathetic chain	Embryology CVSII	"AN35.3 Demonstrate & describe the origin, parts, course & branches subclavian artery AN35.4 Describe & demonstrate origin, course, relations, tributaries and termination of internal jugular & brachiocephalic veins"			DOAP AN26.3 Describe cranial cavity, its subdivisions, foramina and structures passing through them	AN28.5 Describe cervical lymph nodes and lymphatic drainage of head, face and neck AN35.5 Describe and demonstrate extent, drainage & applied anatomy of cervical lymph nodes AN35.6 Describe and demonstrate the extent, formation, relation & branches of cervical sympathetic chain	
Second	10/05/25	Saturday	BC 4.3 (1) Describe and discuss the fatty acid oxidation, metabolism of ketone bodies along with their clinical significance. BC 4.8 Interpret laboratory results of analytes associated with metabolism of lipids	Batch A PY 10.19 DOAP Clinical examination of Higher functions Batch B PY 3.12 SGD Revision Amphibian graphs	BC 14.15 Describe the estimation Triglycerides, HDL and calculation of LDL and interpretation of results with clinical scenarios. (BATCH-C)					
Third	11/05/25	Sunday	HOLIDAY- BUDDHA PURNIMA							
Third	12/05/25	Monday	HOLIDAY- BUDDHA PURNIMA							
Third	13/05/25	Tuesday	BC 4.3 (2) Describe and discuss the fatty acid oxidation, metabolism of ketone bodies along with their clinical significance BC 4.8 Interpret laboratory results of analytes associated with metabolism of lipids	PY 10.8 Discuss Physiology of pain including pain pathways & its modulation with special emphasis on gate control theory of pain	PY 12.6 Describe & discuss Physiology of aging, roll of free radicals & antioxidants	PY 8.6 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pancreatic gland including pancreatic function tests		Batch B PY 10.19 DOAP Clinical examination of Sensory system Batch C PY 2.11 Formative assessment of Haematology	BC14.2 BC 14.18 Describe estimation of pH by pH meter or ABG analyser and interpretation of results with paper case scenarios. Observe use of commonly used equipments/techniques in Biochemistry laboratory- pH meter (BATCH-A)	
Third	14/05/25	Wednesday	AN30.3 Describe & identify dural folds	AN30.3 Describe & identify dural folds & dural venous sinuses AN30.4 Describe clinical importance of dural venous sinuses	AN30.3 Describe & identify dural folds & dural venous sinuses AN30.4 Describe clinical importance of dural venous sinuses			DOAP AN26.4 Describe morphological features of mandible	AN30.3 Describe & identify dural folds & dural venous sinuses AN30.4 Describe clinical importance of dural venous sinuses	
Third	15/05/25	Thursday	BC 4.4 (3) Describe metabolism of Triglycerides and cholesterol metabolism along with its regulation and clinical significance. BC 4.8 Interpret laboratory results of analytes associated with metabolism of lipids	Hormone-2 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 PY 9.3/ 9.4 , OG 12.9/ 32.1	PY 8.6 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pancreatic gland including pancreatic function tests	PY 10.8 Discuss Physiology of pain including pain pathways & its modulation with special emphasis on gate control theory of pain		Batch CPY 10.19 DOAP Clinical examination of Higher functions Batch A PY 3.12 SGD Revision Amphibian graphs	BC14.2 BC 14.18 Describe estimation of pH by pH meter or ABG analyser and interpretation of results with paper case scenarios. Observe use of commonly used equipments/techniques in Biochemistry laboratory- pH meter (BATCH-B)	

Third	16/05/25	Friday	AN62.1 Enumerate and describe cranial nerve nuclei with its functional component	Embryology CVS III	AN30.3 Describe & identify dural folds & dural venous sinuses AN30.4 Describe clinical importance of dural venous sinuses		DOAP AN26.5 Describe features of typical and atypical cervical vertebrae (atlas and axis)	AN30.3 Describe & identify dural folds & dural venous sinuses AN30.4 Describe clinical importance of dural venous sinuses
Third	17/05/25	Saturday	PY 8.7 Describe the Physiology of Thymus & pineal gland	Batch A PY 10.19 DOAP Clinical examination of Sensory system Batch B PY 2.11 Formative assessment of Haematology	BC 14.2 BC 14.18 Describe estimation of pH by pH meter or ABG analyser and interpretation of results with paper case scenarios. Observe use of commonly used equipments/techniques in Biochemistry laboratory- pH meter (BATCH-C)			
Fourth	18/05/25	Sunday						
Fourth	19/05/25	Monday	AN28.4 Describe & demonstrate branches of facial nerve with distribution AN28.7 Explain the anatomical basis of facial nerve palsy	Histology AN43.2 Identify, describe and draw the microanatomy of salivary glands	AN28.4 Describe & demonstrate branches of facial nerve with distribution AN28.7 Explain the anatomical basis of facial nerve palsy		AN31.2 Describe & demonstrate nerves and vessels in the orbit AN31.3 Describe anatomical basis of Horner's syndrome ORBIT- Boundaries and Contents Ophthalmic artery and Nerve	AN28.4 Describe & demonstrate branches of facial nerve with distribution AN28.7 Explain the anatomical basis of facial nerve palsy
Fourth	20/05/25	Tuesday	BC 4.5 BC 14.19 (4) Describe the metabolism of lipoproteins with brief overview of lipoprotein structure, their interrelations & relations with atherosclerosis. BC 4.8 Interpret laboratory results of analytes associated with metabolism of lipids Dyslipidemia GM 2.3, PA 26.1	PY 10.9 Describe the course of descending tracts, its clinical implications including differences in UMN & LMN lesions	PY11.5 Describe and discuss functional anatomy of eye, physiology of pupil and light reflex, visual pathway & its clinical implications PY 12.8 Discuss the Physiology of Yoga & Meditation		Batch B PY 10.19 DOAP Clinical examination of Cranial nerves III, IV, VI Batch C PY 8.0 SGD Endocrine photographs	BC14.18 Observe use of commonly used equipments/techniques in Biochemistry laboratory - ELISA Immunodiffusion (BATCH-A)
Fourth	21/05/25	Wednesday	AN31.1 Describe & identify extra ocular muscles of eyeball	AN31.5 Explain the anatomical basis of oculomotor, trochlear and abducent nerve palsies along with strabismus	AN31.2 Describe & demonstrate nerves and vessels in the orbit AN31.3 Describe anatomical basis of Horner's syndrome ORBIT- Boundaries and Contents Ophthalmic artery and Nerve		DOAP- AN26.5 Describe features of typical and atypical cervical vertebrae (atlas and axis)	AN31.1 Describe & identify extra ocular muscles of eyeball
Fourth	22/05/25	Thursday	PY 10.9 Describe the course of descending tracts, its clinical implications including differences in UMN & LMN lesions	BC 4.7 BC 8.5 BC 14.19 (5) Describe Fatty liver, cholelithiasis and obesity. Describe the causes (including dietary habits), effects and health risks associated with being overweight/ obese / abolic syndrome PA 24.8, GM 5.7	AETCOM 1.3 Doctor patient relationship		Batch CPY 10.19 DOAP Clinical examination of Sensory system Batch A PY 2.11 Formative assessment of Haematology	BC14.18 Observe use of commonly used equipments/techniques in Biochemistry laboratory - ELISA Immunodiffusion BC14.18 Observe use of commonly used equipments/techniques in Biochemistry laboratory -Autoanalyser (BATCH B)
Fourth	23/05/25	Friday	AN31.4 Enumerate components of lacrimal apparatus	Embryology CVS IV	AN31.1 Describe & identify extra ocular muscles of eyeball		DOAP AN26.1 Demonstrate anatomical position of skull, Identify and locate individual skull bones in skull and FETAL SKULL	AN31.1 Describe & identify extra ocular muscles of eyeball
Fourth	24/05/25	Saturday	BC 4.7 BC 8.5 BC 14.19 (6) Describe Fatty liver, cholelithiasis and obesity. Describe the causes (including dietary habits), effects and health risks associated with being overweight/ obese / etabolic syndrome CM 8.2, PA 12.3, GM 14.10, OG 5.1, PE 6.11/ 11.1	Batch A PY 10.19 DOAP Clinical examination of Cranial nerves III, IV, VI Batch B PY 8.0 SGD Endocrine photographs	BC 14.18 Observe use of commonly used equipments/techniques in Biochemistry laboratory - ELISA Immunodiffusion (BATCH-C)			
25/ 05/2025 TO 31/05/2025 - STUDENT SUMMER VACATION								
First	01/06/25	Sunday						

First	02/06/25	Monday	AN33.1 Describe & demonstrate extent, boundaries and contents of temporal and infratemporal fossae AN33.2 Describe & demonstrate attachments, direction of fibres, nerve supply and actions of muscles of mastication	Histology AN43.2 Identify, describe and draw the microanatomy of tongue, epiglottis, cornea, retina	AN33.1 Describe & demonstrate extent, boundaries and contents of temporal and infratemporal fossae AN33.2 Describe & demonstrate attachments, direction of fibres, nerve supply and actions of muscles of mastication		AN33.3 Describe & demonstrate articulating surface, type & movements of temporomandibular joint	AN33.1 Describe & demonstrate extent, boundaries and contents of temporal and infratemporal fossae AN33.2 Describe & demonstrate attachments, direction of fibres, nerve supply and actions of muscles of mastication	
First	03/06/25	Tuesday	BC 11.1 BC 14.19 Describe the function tests of kidney, liver, thyroid and adrenal glands and their clinical significance. Interpret the function tests report. PY 8.3, PA 22.3, GM 12.10, PE 30.2	PY11.5 Describe and discuss functional anatomy of eye, physiology of pupil and light reflex, visual pathway & its clinical implications	PY 10.9 Describe the course of descending tracts, its clinical implications including differences in UMN & LMN lesions	PY 12.5 Describe Physiology of infancy, interpret growth chart & anthropometric assessments	Batch B & C Formative assessment Clinical Examination	BC14.18 Observe use of commonly used equipments/techniques in Biochemistry laboratory - DNA isolation from blood/ tissue (BATCH-A)	
First	04/06/25	Wednesday	AN33.1 Describe & demonstrate extent, boundaries and contents of infratemporal fossae Mandibular Nerve and Otic Ganglion	AN33.1 Describe & demonstrate extent, boundaries and contents of Infratemporal Fossa and Maxillary Artery	AN33.1 Describe & demonstrate extent, boundaries and contents of infratemporal fossae Maxillary Artery		DOAP- AN43.5 Demonstrate- 1) Testing of muscles of facial expression, extraocular muscles, muscles of mastication, 2) Palpation of carotid arteries, facial artery, superficial temporal artery, 3) Location of internal and external jugular veins, 4) Location of hyoid bone, thyroid cartilage and cricoid cartilage with their vertebral levels AN43.6 Demonstrate surface projection 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	AN33.1 Describe & demonstrate extent, boundaries and contents of infratemporal fossae Mandibular Nerve and Otic Ganglion	
First	05/06/25	Thursday	PY11.5 Describe and discuss functional anatomy of eye, physiology of pupil and light reflex, visual pathway & its clinical implications	BC 10.1 Describe nucleotides and nucleic acids and their clinical significance	PY10.10 Describe and discuss Spinal cord, its functions, lesion & sensory disturbances	PY 10.11 Describe functional Anatomy of cerebellum, its connections, its functions & clinical abnormalities	Batch C PY 10.19 DOAP Clinical examination of Cranial nerves III, IV, VI Batch A PY 8.0 SGD Endocrine photographs	BC14.18 Observe use of commonly used equipments/techniques in Biochemistry laboratory - DNA isolation from blood/ tissue (BATCH-B) SEMINAR (ROLL NO.71-80)	
First	06/06/25	Friday	AN33.1 Describe & demonstrate extent, boundaries and contents of Pterygopalatine Fossa and ganglion Maxillary Nerve	Embryology	AN33.1 Describe & demonstrate extent, boundaries and contents of Pterygopalatine Fossa and ganglion Maxillary Nerve		DOAP- AN43.7 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 xray of paranasal sinuses	AN33.1 Describe & demonstrate extent, boundaries and contents of Pterygopalatine Fossa and ganglion Maxillary Nerve	
First	07/06/25	Saturday	HOLIDAY - BAKRI EID						
Second	08/06/25	Sunday	HOLIDAY - BAKRI EID						
Second	09/06/25	Monday	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	Histology AN64.1 Describe & identify the microanatomical features of Spinal cord, Cerebellum & Cerebrum	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		AN36.1 Describe the 1) morphology, relations, blood supply and applied anatomy of palatine tonsil AN36.2 Describe the components and functions of Waldeyer's lymphatic ring	"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"	
Second	10/06/25	Tuesday	BC 10.2 Describe briefly synthesis of purines in the body with special stress on salvage pathway.	PHYSIOLOGY ECE			Batch B PY 10.19 DOAP Clinical examination of other Cranial nerves Batch C PY 10.19 DOAP Clinical examination of Motor system I	BC14.10 Perform estimation of uric acid in serum and interpretation of results with clinical scenarios. (BATCH-A)	

Second	11/06/25	Wednesday	AN36.1 Describe the 1) morphology, relations, blood supply and applied anatomy of Pharynx AN36.2 Describe the components and functions of Waldeyer's lymphatic ring AN36.3 Describe the boundaries and clinical significance of pyriform fossa AN36.5 Describe the clinical significance of Killian's dehiscence	AN36.1 Describe the 1) morphology, relations, blood supply and applied anatomy of composition of soft palate	AN36.1 Describe the 1) morphology, relations, blood supply and applied anatomy of Pharynx AN36.2 Describe the components and functions of Waldeyer's lymphatic ring AN36.3 Describe the boundaries and clinical significance of pyriform fossa AN36.5 Describe the clinical significance of Killian's dehiscence		AN37.1 Describe & demonstrate features of Nasal Cavity and nasal septum their blood supply and nerve supply	AN37.1 Describe & demonstrate features of Nasal Cavity and nasal septum their blood supply and nerve supply	
Second	12/06/25	Thursday	BC 10.3 BC 14.19 Describe the degradation of purines and its significance with associated disorders. Gout PA 32.6	AETCOM-1.1 (4) Identify and discuss physician's role and responsibility to society and the community that she/ he serves Assessment	PY 10.11 Describe functional Anatomy of cerebellum, its connections, its functions & clinical abnormalities	SDL No. - 10 PY10.10 Describe and discuss Spinal cord, its functions, lesion & sensory disturbances	Batch C PY 10.19 DOAP Clinical examination of other Cranial nerves Batch A PY 10.19 DOAP Clinical examination of Motor system I	BC14.10 Perform estimation of uric acid in serum and interpretation of results with clinical scenarios. BC14.9 Perform the estimation of serum creatinine and calculate creatinine clearance. (BATCH-B)	
Second	13/06/25	Friday	Describe & demonstrate features of nasal septum, lateral wall of nose, their blood supply and nerve supply	Embryology	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	AN37.2 Describe location and functional anatomy of paranasal sinuses	
Second	14/06/25	Saturday	BC 7.1 Describe the integration of various metabolic processes in the body (Carbohydrate, Lipid, and Protein).	Batch A PY 10.19 DOAP Clinical examination of other Cranial nerves Batch B PY 10.19 DOAP Clinical examination of Motor system I	BC 14.10 Perform estimation of uric acid in serum and interpretation of results with clinical scenarios. (BATCH-C)				
Third	15/06/25	Sunday							
Third	16/06/25	Monday	AN35.7 Describe the course and branches of IX, XI & XII nerve	Embryology	AN35.7 Describe the course and branches of IX, XI & XII nerve		ANATOMY SDL - Prenatal diagnosis and Counseling		
Third	17/06/25	Tuesday	BC 13.3 Discuss briefly on HIV and Biochemical changes in AIDS. PA 8.6, MI 3.13, GM 6.9, OG 12.7	PY 11.1 Describe & discuss Physiology of smell & its applied aspects	PY 10.12 Describe functional Anatomy of Basal ganglia, its connections, its functions & clinical abnormalities	PY 11.6 Discuss Physiology of image formation, refractive errors & Physiological principles of its managements	Batch B PY 11.5 DOAP Clinical examination of Eyes, Acuity of vision Batch C PY 10.19 DOAP Clinical examination of Motor system II	FORMATIVE ASSESSMENT-3 SDL-7, 8 BC 8.4 Provide dietary advice for optimal health in childhood and adult in disease conditions like coronary artery disease and pregnancy (BATCH-A)	
Third	18/06/25	Wednesday	AN38.1 Describe the morphology, identify structure of the wall, nerve supply, blood supply and actions of intrinsic and extrinsic muscles of the larynx	AN38.1 Describe the morphology, identify structure of the wall, nerve supply, blood supply and actions of intrinsic and extrinsic muscles of the larynx	AN38.1 Describe the morphology, identify structure of the wall, nerve supply, blood supply and actions of intrinsic and extrinsic muscles of the larynx		AN40.1 AN 40.2 Describe & identify the parts, relation blood supply and nerve supply of external ear, Tympanic membrane and Auditory tube	AN38.1 Describe the morphology, identify structure of the wall, nerve supply, blood supply and actions of intrinsic and extrinsic muscles of the larynx	
Third	19/06/25	Thursday	JUST A MINUTE ACTIVITY			AETCOM 1.3 Doctor patient relationship		Batch C PY 11.5 DOAP Clinical examination of Eyes, Acuity of vision Batch A PY 10.19 DOAP Clinical examination of Motor system II	FORMATIVE ASSESSMENT-3 SDL-7, 8 BC 8.4 Provide dietary advice for optimal health in childhood and adult in disease conditions like coronary artery disease and pregnancy (BATCH-B)
Third	20/06/25	Friday	AN40.2 Describe & demonstrate the boundaries, contents, relations and functional anatomy of middle ear	Embryology	AN40.2 Describe & demonstrate the boundaries, contents, relations and functional anatomy of middle ear		AN35.7 Describe the course and branches of Xth nerve	*AN40.2 Describe & demonstrate the boundaries, contents, relations and functional anatomy of middle ear AN35.7 Describe the course and branches of Xth nerve	
Third	21/06/25	Saturday	PY 10.12 Describe functional Anatomy of Basal ganglia, its connections, its functions & clinical abnormalities	Batch A PY 11.5 DOAP Clinical examination of Eyes, Acuity of vision Batch B PY 10.19 DOAP Clinical examination of Motor system II	FORMATIVE ASSESSMENT-3 SDL-7, 8 BC 8.4 Provide dietary advice for optimal health in childhood and adult in disease conditions like coronary artery disease and pregnancy (BATCH-C)				

Fourth	22/06/25	Sunday						
Fourth	23/06/25	Monday	AN41.1 Describe & demonstrate parts and layers of eyeball	Histology	AN41.1 Describe & demonstrate parts and layers of eyeball		AN42.1 Describe the contents of the vertebral canal AN42.2 Describe & demonstrate the boundaries and contents of Suboccipital triangle	AN42.1 Describe the contents of the vertebral canal AN42.2 Describe & demonstrate the boundaries and contents of Suboccipital triangle
Fourth	24/06/25	Tuesday	BC 9.3 BC 14.19 (1) Describe the processes involved in maintenance of normal pH, water & electrolyte balance of body fluids and the derangements associated with them (include Na, K, acid base balance) PY 7.5, GM 8.12/ 10.13, PE 15.1/ 15.2	Model making competition			Batch B PY 11.5 DOAP Clinical examination of visual reflexes Batch C PY SGD Calculations	BC14.18 Observe use of commonly used equipments/techniques in Biochemistry laboratory- Electrolyte analysis by ISE (BATCH-A)
Fourth	25/06/25	Wednesday	AN56.1 Describe & identify various layers of meninges with its extent & modifications AN56.2 Describe circulation of CSF with its applied anatomy	AN57.1 Identify external features of spinal cord AN57.2 Describe extent of spinal cord in child & adult with its clinical implication	AN56.1 Describe & identify various layers of meninges with its extent & modifications AN56.2 Describe circulation of CSF with its applied anatomy		AN57.3 Draw & label transverse section of spinal cord at mid-cervical & midthoracic level AN57.4 Enumerate ascending & descending tracts at mid thoracic level of spinal cord	AN57.1 Identify external features of spinal cord AN57.2 Describe extent of spinal cord in child & adult with its clinical implication
Fourth	26/06/25	Thursday	PY 11.7 Discuss Physiology of vision including colour vision & colour blindness	BC 9.3 BC 14.19 (2) Describe the processes involved in maintenance of normal pH, water & electrolyte balance of body fluids and the derangements associated with them (include Na, K, acid base balance) GM 23.4/ 23.5/ 23.6/ 23.7	PY 10.13 Discuss the mechanism of maintenance of tone., posture & control of body movements	PY 11.2 Describe & discuss Physiology of taste sensation & applied aspects	Batch C PY 11.5 DOAP Clinical examination of visual reflexes Batch A PY SGD Calculations	BC14.18 Observe use of commonly used equipments/techniques in Biochemistry laboratory- Electrolyte analysis by ISE (BATCH-B)
Fourth	27/06/25	Friday	AN58.1 Identify external features of medulla oblongata AN58.3 Enumerate cranial nerve nuclei in medulla oblongata with their functional group	Embryology	"AN58.1 Identify external features of medulla oblongata AN58.3 Enumerate cranial nerve nuclei in medulla oblongata with their functional group"		AN58.2 Describe transverse section of medulla oblongata at the level of 1) pyramidal decussation, 2) sensory decussation 3) ION AN58.3 Enumerate cranial nerve nuclei in medulla oblongata with their functional group AN58.4 Describe anatomical basis & effects of medial & lateral medullary syndrome	"AN58.2 Describe transverse section of medulla oblongata at the level of 1) pyramidal decussation, 2) sensory decussation 3) ION AN58.3 Enumerate cranial nerve nuclei in medulla oblongata with their functional group AN58.4 Describe anatomical basis & effects of medial & lateral medullary syndrome "
Fourth	28/06/25	Saturday	BC 9.3 BC 14.19 (3) Describe the processes involved in maintenance of normal pH, water & electrolyte balance of body fluids and the derangements associated with them (include Na, K, acid base balance) SDL-9 (Google Classroom)- BC 13.4 Discuss metabolism of alcohol with Biochemical changes and effects of chronic alcoholism. GM 23.9/ 23.10/ 23.11/ 23.12	Batch A PY 11.5 DOAP Clinical examination of visual reflexes Batch B PY SGD Calculations		BC 14.18 Observe use of commonly used equipments/techniques in Biochemistry laboratory- Electrolyte analysis by ISE BC14.18 Observe use of commonly used equipments/techniques in Biochemistry laboratory - DNA isolation from blood/ tissue (BATCH-C)		
Fifth	29/06/25	Sunday						

Fifth	30/06/25	Monday	AN59.1 Identify external features of pons AN58.4 Describe anatomical basis & effects of medial & lateral medullary syndrome	Histology	"AN59.1 Identify external features of pons AN58.4 Describe anatomical basis & effects of medial & lateral medullary syndrome"		AN60.1 Describe & demonstrate external & internal features of cerebellum AN60.2 Describe connections of cerebellar cortex and intracerebellar nuclei	AN60.1 Describe & demonstrate external & internal features of cerebellum AN60.2 Describe connections of cerebellar cortex and intracerebellar nuclei
First	01/07/25	Tuesday	BC 9.3 BC 14.19 (4) Describe the processes involved in maintenance of normal pH, water & electrolyte balance of body fluids and the derangements associated with them (include Na, K, acid base balance)	PY 10.13 Discuss the mechanism of maintenance of tone, posture & control of body movements	Poster competition		Batch B PY 11.7 DOAP Clinical examination for colour vision Batch C PY 11.4 DOAP Tests for Hearing & deafness	BC14.2 BC 14.18 Describe estimation of pH by pH meter or ABG analyser and interpretation of results with paper case scenarios. Observe use of commonly used equipments/techniques in Biochemistry laboratory- ABG analyser (BATCH-A)
First	02/07/25	Wednesday	AN61.1 Identify external & internal features of midbrain AN61.3 Describe anatomical basis & effects of Benedikt's and Weber's syndrome	AN61.2 Describe internal features of midbrain at the level of superior & inferior colliculus	AN61.1 Identify external & internal features of midbrain AN61.3 Describe anatomical basis & effects of Benedikt's and Weber's syndrome		AN63.1 Describe & demonstrate parts, boundaries & features of IIIrd & IVth ventricles AN63.2 Describe anatomical basis of congenital hydrocephalus	AN63.1 Describe & demonstrate parts, boundaries & features of IIIrd & IVth ventricles AN63.2 Describe anatomical basis of congenital hydrocephalus
First	03/07/25	Thursday	PY 10.14 Describe functional Anatomy of Thalamus its connections, its functions & clinical abnormalities	BC 14.17 Describe briefly various body fluids & discuss the composition of CSF. AN 56.2, GM 17.9, PE 27.13	PY 11.3 Describe & discuss functional anatomy of Ear & auditory pathway, Vestibular app & equilibrium	PY 10.17 Discuss the structure & functions of reticular activating system, sleep Physiology & EEG wave forms during sleep-wake cycle	Batch C PY 11.7 DOAP Clinical examination for colour vision Batch A PY 11.4 DOAP Tests for Hearing & deafness	BC14.2 BC 14.18 Describe estimation of pH by pH meter or ABG analyser and interpretation of results with paper case scenarios. Observe use of commonly used equipments/techniques in Biochemistry laboratory- ABG analyser (BATCH-B)
First	04/07/25	Friday	AN63.1 Describe & demonstrate parts, boundaries & features of lateral ventricle AN63.2 Describe anatomical basis of congenital hydrocephalus	EMBRYOLOGY	"AN63.1 Describe & demonstrate parts, boundaries & features of IIIrd & IVth ventricles AN63.2 Describe anatomical basis of congenital hydrocephalus"		"AN62.2 Describe & demonstrate surfaces, sulci, gyri, poles, & functional areas of cerebral hemisphere Superolateral Surface"	AN62.2 Describe & demonstrate surfaces, sulci, gyri, poles, & functional areas of cerebral hemisphere Superolateral Surface
First	05/07/25	Saturday	PY 10.15 Describe functional Anatomy of Hypothalamus its connections, its functions & clinical abnormalities	Batch A PY 11.7 DOAP Clinical examination for colour vision Batch B PY 11.4 DOAP Tests for Hearing & deafness	BC 14.2 BC 14.18 Describe estimation of pH by pH meter or ABG analyser and interpretation of results with paper case scenarios. Observe use of commonly used equipments/techniques in Biochemistry laboratory- ABG analyser (BATCH-C)			
Second	06/07/25	Sunday						
Second	07/07/25	Monday	AN62.2 Describe & demonstrate surfaces, sulci, gyri, poles, & functional areas of cerebral hemisphere Medial and Inferior Surface	HISTOLOGY	"AN62.2 Describe & demonstrate surfaces, sulci, gyri, poles, & functional areas of cerebral hemisphere Medial and Inferior Surface"		AN62.6 Describe & identify formation, branches & major areas of distribution of circle of Willis	"AN62.6 Describe & identify formation, branches & major areas of distribution of circle of Willis"
Second	08/07/25	Tuesday	BC 13.1 (1) Describe oncogenesis, oncogenes & its activation with focus on p53 & apoptosis. SDL-10 (Google Classroom)-BC 13.5 Describe the role of Artificial Intelligence in clinical Biochemistry laboratory practices. GM 13.2	PY 10.16 Discuss functional Anatomy of cerebral cortex, its connections, functions & clinical abnormalities	PY 11.3 Describe & discuss functional anatomy of Ear & auditory pathway, Vestibular app & equilibrium	PY 12.7 Discuss the concept, criteria for diagnosis of brain death & its implications	Batch B & C REVISION and Journal Logbook Completion	and Journal Logbook Completion SGD - BC10.6 Describe basic mechanism of gene expression BC10.7 Describe applications of molecular technologies like recombinant DNA technology and PCR in the diagnosis and treatment of diseases. Briefly discuss microarray, FISH, CRISPR (BATCH-A)

Second	09/07/25	Wednesday	AN62.3 Describe the white matter of cerebrum Commissural and Association Fibres	AN62.3 Describe the white matter of cerebrum Projection Fibres	AN62.3 Describe the white matter of cerebrum		AN62.4 Enumerate parts & major connections of basal ganglia & limbic lobe	AN62.4 Enumerate parts & major connections of basal ganglia & limbic lobe		
Second	10/07/25	Thursday	BC 13.2 (2) Describe various Biochemical tumor markers and the Biochemical basis of cancer therapy. PA 6.5, PH 8.11, GM 13.12	BC 10.4 Describe in brief the major steps involved in Replication, Transcription, and translation.	PY 10.18 Discuss the Physiological basis of Memory, Learning & speech PY 11.4 Discuss Physiology of hearing, Pathophysiology of deafness & hearing tests		Batch C & A REVISION and Journal Logbook Completion	Journal Logbook Completion SGD - BC10.6 Describe basic mechanism of gene expression BC10.7 Describe applications of molecular technologies like recombinant DNA technology and PCR in the diagnosis and treatment of diseases. Briefly discuss microarray, FISH, CRISPR (BATCH-B)		
Second	11/07/25	Friday	AN62.5 Describe boundaries, parts, gross relations, major nuclei and connections of dorsal thalamus,	EMBRYOLOGY	"AN62.5 Describe boundaries, parts, gross relations, major nuclei and connections of dorsal thalamus,		AN62.5 Describe boundaries, parts, gross relations, major nuclei and connections of hypothalamus, epithalamus, metathalamus and subthalamus	"AN62.5 Describe boundaries, parts, gross relations, major nuclei and connections of hypothalamus, epithalamus, metathalamus and subthalamus"		
Second	12/07/25	Saturday	BC 10.4 Describe in brief the major steps involved in Replication, Transcription, and translation.	Batch A & B REVISION and Journal Logbook Completion	REVISION and Journal Logbook Completion SGD - BC 10.6 Describe basic mechanism of regulation of gene BC10.7 Describe applications of molecular technologies like recombinant DNA technology and PCR in the diagnosis and treatment of diseases. Briefly discuss microarray, FISH, CRISPR (BATCH-C)					
Third	13/07/25	Sunday								
Third	14/07/25	Monday	Preliminary Examination Theory Anatomy I							
Third	15/07/25	Tuesday	Preliminary Examination Theory Anatomy II							
Third	16/07/25	Wednesday								
Third	17/07/25	Thursday	Preliminary Examination Theory Physiology I							
Third	18/07/25	Friday	Preliminary Examination Theory Physiology II							
Third	19/07/25	Saturday								
Fourth	20/07/25	Sunday								
Fourth	21/07/25	Monday	Preliminary Examination Theory Biochemistry I							
Fourth	22/07/25	Tuesday	Preliminary Examination Theory Biochemistry II							
Fourth	23/07/25	Wednesday	Preliminary Examination - Practical							
Fourth	24/07/25	Thursday	Preliminary Examination - Practical							
Fourth	25/07/25	Friday	Preliminary Examination - Practical							
Fourth	26/07/25	Saturday	Preliminary Examination - Practical							
Fifth	27/07/25	Sunday	HOLIDAY - MUHARRAM							
Fifth	28/07/25	Monday	AETCOM - 1.4 Foundation of Communication Large Group Session			1.4 Foundation of Communication SGD		1.4 Foundation of Communication - Discussion and Clousere	1.5 Cadaver as Teacher Closing Session	
Fifth	29/07/25	Tuesday	BC 10.5 BC 14.19 Describe the types of DNA repair, gene mutations and associated disorders.	Revision-CNS	Revision-Endocrine system	Revision-Special senses	Batch B -Hematology Revision Batch C - Clinical Revision	Revision (BATCH-A)		
Fifth	30/07/25	Wednesday	Anatomy revision				Anatomy revision			
Fifth	31/07/25	Thursday	Revision-Endocrine system	Discussion of MUHS question paper	Revision-CNS		Batch C -Hematology Revision Batch A - Clinical Revision	Revision (BATCH-B)		
First	01/08/25	Friday	Anatomy revision				Anatomy revision			
First	02/08/25	Saturday	Revision-Special senses	Batch A -Hematology Revision Batch B -Clinical Revision	Revision (BATCH-C)					