

Chirayu Medical College and Hospital, Bairagarh, Bhopal, M.P
Timetable for 1St M B B S 2021-22 Batch

Date	Day	9:00 AM - 10:00 AM	10:00AM - 11:00AM	11:00AM - 1:00 PM		2:00 PM -3:00 PM		3:00 PM - 5:00 PM
4/18/2022	Mon	L - Anatomical terminology AN-1.1 Demonstrate normal anatomical position, various planes, relation, comparison, laterality & movement in our body	Physiology Introduction	Physiology Lab Intoduction (A+B)	Biochem practical DOAP BI11.1 Introduction to Laboratory apparatus and equipments, good safe laboratory practice and waste disposal	DOAP-Anatomical terminology AN-1.1 Demonstrate normal anatomical position, various planes, relation, comparison, laterality & movement in our body		Dissection - Introduction to dissection hall, embalming room & anatomy museum
4/19/2022	Tue	Lecture - Bone	Introduction	Physiology(Pactical) Lab Introduction B+C	Biochem practical DOAP BI11.1 Introduction to Laboratory apparatus and equipments, good safe laboratory practice and waste disposal	Physiology-structure and functions of a mammalian cell PY1.1	DOAP-Anatomical terminology AN-1.1 Demonstrate normal anatomical position, various planes, relation, comparison, laterality & movement in our body	Dissection - Introduction to Histology lab, microscope handling
4/20/2022	Wed	BI Classify the living cells. BI1.1 Molecular and functional organization of a cell and its subcellular components ALN PHYSO	Physiology- composition and functions of blood components PY2.1	Physiology(Pactical) Lab Introduction C+A	Biochem practical DOAP BI11.1 Introduction to Laboratory apparatus and equipments, good safe laboratory practice and waste disposal	DOAP-Anatomical Position, Various Planes		Dissection - Basics of dissection technique
4/21/2022	Thu	Physiology-principles of homeostasis PY1.2	Lecture - Joints	Dissection - Basics of dissection technique		DOAP- Bone & Joints Revision		Organization of a cell and its subcellular components.
4/22/2022	Fri	Physiology- the origin, forms, variations and functions of plasma proteins PY2.2	Lecture - Muscle	Dissection - Basics of dissection technique		BI Structure of proteins B15.1 Structure of proteins with examples and clinical significance.		Physiology(Tutorial/SGD/SDL) PY 1.1 Cell mambrane
4/23/2022	Sat	Lecture - Skin & Fascia	Lecture - CVS & Lymphatic System	(Community Medicine) Lecture-Evolution of Community medicine	(Community Medicine) Lecture-Concepts of Health & its dimensions	Physiology- apoptosis - programmed cell death PY1.4 Pathology Intigration Physiology- transport mechanisms across cell membranes PY1.5 -P1		Dissection - Pectoral Region - superticial
24-Apr		SUNDAY						
Date	Day	9:00 AM - 10:00 AM	10:00AM - 11:00AM	11:00AM - 1:00 PM		2:00 PM -3:00 PM		3:00 PM - 5:00 PM
4/25/2022	Mon	Lecture - Pectoral Region	Physiology- intercellular	Introduction to Physiology Instruments (A+B)	BI Normal urine DOAP	DOAP- Clavicle		Dissection - Pectoral Region Deep

4/26/2022	Tue	Lecture - Histology : Cell & Cell junctions	BI Functions of proteins BI5.2 Functions of proteins and structure-function relationships in relevant areas eg. hemoglobin and selected hemoglobinopathies ALN PHYSIO,INT PATH & GM	Introduction to Physiology Instruments (B+C)	BI Normal urine DOAP BI11.3 Chemical components of normal urine. DOAP	Physiology- synthesis and functions of Haemoglobin and explain its breakdown, variants of haemoglobin PY2.3		Dissection - Pectoral Region	
4/27/2022	Wed	Hemolytic Anemia Case discussion	Physiology- transport mechanisms across cell membranes PY1.5 - P2	Introduction to Physiology instruments (C+A)	BI Normal urine DOAP BI11.3 Chemical components of normal urine. DOAP				DOAP - Scapula
4/28/2022	Thu	Physiology- synthesis and functions of Haemoglobin and explain its breakdown, variants of haemoglobin PY2.3	Lecture -Introduction . To embryology , menstrual cycle, Gametogenesis	Dissection - Mammary gland		Early Clinical Exposure- Biochemistry			
4/29/2022	Fri	Physiology- fluid compartments of the body, its ionic composition & measurements PY1.6	Lecture - Mammary gland	Dissection - Mammary gland					BI Enzyme 1 BI2.1 Defination, Function, Classification and Significance of enzyme, isoenzyme, alloenzyme, coenzyme & co-factors SDL
4/30/2022	Sat	Lecture - Deltoid & serratus anterior	Lecture - CVS & Lymphatic System	(Community Medicine) Lecture- Concept of well being	(Community Medicine) Lecture- Determinants of health	Physiology(Tutorial/SGD/SDL) Physiology- fluid compartments of the body, its ionic composition & measurements PY1.6	SDL- Anatomy		
1-May	SUNDAY								
Date	Day	9:00 AM - 10:00 AM	10:00AM - 11:00AM	11:00AM - 1:00 PM		2:00 PM -3:00 PM		3:00 PM - 5:00 PM	
5/2/2022	Mon	AN Lecture- Axilla and its contents AN 10.1,10.2,10.4,10.7 Identify & describe boundaries and contents of axilla Identify, describe and demonstrate the origin, extent, course, parts, relations and branches of axillary artery & tributaries of vein Describe the anatomical groups of axillary lymph nodes and specify their areas of drainage Explain anatomical basis of enlarged axillary lymph nodes	Physiology- erythropoiesis & its regulation and RBC functions PY2.4	PY (DOAP) - Microscope PY(DOAP) - Computer assisted learning (3.18) (A+B)	Normal and Abnormal Urine DOAP BI11.4 Perform urine analysis to estimate normal and abnormal constituents DOAP	ECE- Anatomy			
5/3/2022	Holiday								

5/4/2022	Wed	BI Enzyme 2 BI2.3 Mechanism of Enzyme activity and factors affecting the velocity of reactions.(importance of Vmax and Km)	Physiology- functions of the cells and its products, its communications and their applications in Clinical care and research Group Discussion PY1.9	PY (DOAP)- Microscope PY (DOAP)- Computer assisted learning (3.18) (B+C)	Normal and Abnormal Urine DOAP BI11.4 Perform urine analysis to estimate normal and abnormal constituents DOAP	AN - Dissection - Revision- Pectoral region (Histology Practical)
5/5/2022	Thu	Physiology- types of anaemias & Jaundice PY2.5 P1	AN Lecture- Revision mammary gland	AN- Dissection - Revision- Pectoral region (Histology Practical)	AN- DOAP- Revision-Humerus	BI Interpretation of laboratory results (ECE) BI2.7 Normal range of various enzymes and Interpretation of laboratory results & clinical utility of various enzymes as markers of pathological conditions Nesting , INT PATH& GM
5/6/2022	Fri	Physiology- the molecular basis of resting membrane potential and action potential in excitable tissue PY1.8	Revision- Radius	AN Dissection- Revision- General anatomy	Early Clinical Exposure- Physiology(1st Friday)	
5/7/2022	Sat	AN SDL: Revision- Deltoid muscle, Brachial plexus	AN SDL:Revision- Axilla and its contents	(Community Medicine) Lecture- Indicators of health (Community Medicine) Lecture- Demography, Demographic cycle, Population trends – World and India	P2Physiology(Tutorial/SGD/SDL) PY 1.3 Inter cellular communication	AN Dissection- revision- General anatomy
8-May						
SUNDAY						
Date	Day	9:00 AM - 10:00 AM	10:00AM - 11:00AM	11:00AM - 1:00 PM	2:00 PM -3:00 PM	3:00 PM - 5:00 PM
5/9/2022	Mon	AN- Lecture Brachial Plexus AN 10.3,10.5,10.6 Describe, identify and demonstrate formation, branches, relations, area of supply of branches, course and relations of terminal branches of brachial plexus Explain variations in formation of brachial plexus Explain the anatomical basis of clinical features of Erb's palsy and Klumpke's paralysis	Physiology- structure and functions of a neuron and neuroglia; Discuss Nerve Growth Factor & other growth factors/cytokines PY3.1	PY (DOAP)- Microscope PY (DOAP)- Computer assisted learning (3.18) (C+A)	normal and abnormal urine DOAP BI11.4 Perform urine analysis to estimate normal and abnormal constituents DOAP	AN DOAP: Rotator cuff and Intermuscular spaces of scapular region AN 10.10 describe and identify the rotator cuff muscles AN - Dissection - Axilla & Brachial plexus AN 10.3,10.5,10.6 Describe, identify and demonstrate formation, branches, relations, area of supply of branches, course and relations of terminal branches of brachial plexus Explain variations in formation of brachial plexus Explain the anatomical basis of clinical features of Erb's palsy and Klumpke's paralysis (Histology Practical)
5/10/2022	Tue	AN Lecture- Epithelial Tissue	BI Enzyme 3 BI2.4 Types of Enzyme inhibitors with examples and Role as poisons and therapeutic drugs INT PATH&GM	PY 2.11 (DOAP) - Estimation of Hb PY (DOAP)- Computer assisted learning (3.18) (A+B)	BI Estimation of SGOT/SGPT DOAP BI11.13 Estimation of SGOT/SGPT	AN DOAP: Rotator cuff and Intermuscular spaces of scapular region AN 10.10 describe and identify the rotator cuff muscles AN Dissection - back & scapular region AN 10.8,10.9 Describe, identify and demonstrate the position, attachment, nerve supply and actions of trapezius and latissimus dorsi Describe the arterial anastomosis around the scapula and mention the boundaries of triangle of auscultation (Histology Practical)

5/11/2022	Wed	BI Enzyme 4 BI2.5 The clinical utility of various serum enzymes as markers of pathological conditions (CD) INT PATH & GM	Physiology- the types, functions & properties of nerve fibers PY3.2 Physiology- degeneration and regeneration in peripheral nerves PY3.3	PY 2.11 (DOAP) – Estimation of Hb PY (DOAP) – Computer assisted learning (3.18) (B+C)	BI Estimation of SGOT/SGPT DOAP BI11.13 Estimation of SGOT/SGPT	AN-DOAP - cubital fossa AN 11.5 Identify & describe boundaries and contents of cubital fossa	AN Dissection - back & scapular region AN 10.8,10.9 Describe, identify and demonstrate the position, attachment, nerve supply and actions of trapezius and latissimus dorsi Describe the arterial anastomosis around the scapula and mention the boundaries of triangle of auscultation (Histology Practical)
5/12/2022	Thu	Physiology-different types of muscle fibres and their structure PY3.7	Describe the process of implantation & common abnormal sites of implantation Describe the formation of extraembryonic mesoderm and coelom,	AN Dissection -Cubital fossa AN 11.5 Identify & describe boundaries and contents of cubital fossa (Histology Practical)		AN 8.1,8.2,8.4 Identify the given bone, its side, important features & keep it in anatomical position Identify & describe joints formed by the given bone Demonstrate important muscle attachment on the given bone	BI colorimetry DEMO/SGD BI11.6 Principles of
5/13/2022	Fri	Describe the formation of platelets, function & variation PY 2.7	AN -Lecture- Arm AN 11.1,11.2,11.3,11.4 Describe and demonstrate muscle groups of upper arm with emphasis on biceps and triceps brachii Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels in arm Describe the anatomical basis of Venepuncture of cubital veins Describe the anatomical basis of Saturday night paralysis AN 11.1,11.2 Describe and demonstrate muscle groups of upper arm with emphasis on biceps and triceps brachii Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels in arm ECE	AN - Dissection - Arm AN 11.1,11.2,11.3,11.4 Describe and demonstrate muscle groups of upper arm with emphasis on biceps and triceps brachii Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels in arm		Early Clinical Exposure- Biochemistry BI Enzyme 5 BI2.6 Use of enzymes in laboratory investigations (Enzyme-based assays) (CD) Nesting, INT PATH & GM	
5/14/2022	Sat	AN Lecture- Revision: Rotator cuff, Cubital fossa	AN Lecture- Revision: Brachial plexus	(Community Medicine) Lecture- Health Problem of World - Urban and Rural - Indian Health.	(Community Medicine) Lecture- Fertility and factors affecting it	Physiology- blood groups and the clinical importance of blood grouping, blood banking and transfusion PY2.9	SDL
15-May							
SUNDAY							
Date	Day	9:00 AM - 10:00 AM	10:00AM - 11:00AM	11:00AM - 1:00 PM		2:00 PM - 3:00 PM	3:00 PM - 5:00 PM
5/16/2022	Mon	Holiday	Physiology-action potential and its properties in different muscle types (skeletal & smooth) PY3.8	PY 2.11 (DOAP) – Estimation of Hb PY (DOAP) – Computer assisted learning (3.18) (C+A)	BI Estimation of SGOT/SGPT DOAP BI11.13 Estimation of SGOT/SGPT		
5/17/2022	Tue	AN Lecture- Connective Tissue	BI Vitamins 1 BI6.5 Biochemical role of vitamins and deficiency manifestations classification, sources, RDA of water soluble vitamins (B1,B2,B3,B5)	PY 2.11 (DOAP) – Differential leukocyte count PY(DOAP) – Computer assisted learning (3.18) (A+B)	BI Estimation of alkaline phosphatase DOAP BI 11.14 Estimation of alkaline phosphatase	AN DOAP: Flexor retinaculum & carpal tunnel syndrome AN 12.3,12.4 Identify & describe flexor retinaculum with its attachments Explain anatomical basis of carpal tunnel syndrome	AN Dissection - front of forearm AN12.1, 12.2 Describe and demonstrate important muscle groups of ventral forearm with attachments, nerve supply and actions Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels of forearm (Histology Practical)
					Physiology- the physiological basis of hemostasis and anticoagulants. Describe bleeding & clotting disorders (Hemophilia, purpura) PY2.8 P1 Pathology Intigration		

5/18/2022	Wed	BI Vitamins BI6.5 Biochemical role, deficiency manifestations, sources and RDA Vit B6, B7, B12, Folic acid and Vit C Nesting GM	Physiology- the molecular basis of muscle contraction in skeletal and in smooth muscles PY3.9	PY 2.11 (DOAP) – Differential leukocyte count PY(DOAP) – Computer assisted learning (3.18) (B+C)	BI Estimation of alkaline phosphatase DOAP BI 11.14 Estimation of alkaline phosphatase	AN DOAP: Flexor retinaculum & carpal tunnel syndrome AN 12.3,12.4 Identify & describe flexor retinaculum with its attachments Explain anatomical basis of carpal tunnel syndrome	AN Dissection - Back of forearm AN 12.11, 12.12 Identify, describe and demonstrate important muscle groups of dorsal forearm with attachments, nerve supply and actions Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels of back of forearm (Histology Practical)
5/19/2022	Thu	Physiology- the physiological basis of hemostasis and, anticoagulants. Describe bleeding & clotting disorders (Hemophilia, purpura) PY2.8 P2 Pathology Integration	AN Lecture - Embryology- Derivatives of ectoderm endoderm and mesoderm		AN- Dissection - Front & Back of forearm (Histology Practical)	AN-DOAP - Superficial palmar arch & Palmar aponeurosis AN 12.7 Identify & describe course and branches of important blood vessels and nerves in hand	BI SGOT & SGPT DEMO BI2.2 Estimation of SGOT & SGPT and significance DEMONSTRATION
Early Clinical Exposure- Biochemistry							
5/20/2022	Fri	Physiology-the mode of muscle contraction (isometric and isotonic) PY3.10 energy source and muscle metabolism PY3.11	AN Lecture: Shoulder joint AN 13.3 Describe and demonstrate shoulder joint for – type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements, muscles involved, blood supply, nerve supply and applied anatomy	AN Dissection – Shoulder Joint AN 13.3 Describe and demonstrate shoulder joint for – type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements, muscles involved, blood & nerve supply and applied anatomy		BI Vitamins 1 BI6.5 Biochemical role of vitamins and deficiency manifestations classification, sources, RDA of water soluble vitamins (B1,B2,B3,B5)	Physiology(Tutorial/SGD/SDL) PY 1.8 RMP & Action potential
5/21/2022	Sat	AN-SDL: Revision: Flexor retinaculum, palmar aponeurosis, Superficial palmar arch	AN- SDL: Revision: Muscles of front & back of forearm	(Community Medicine) Lecture-Family welfare and Population control,	(Community Medicine) Lecture-Sociology-I Concepts in sociology	Physiology - Strength-duration curve PY 3.17	AN- Dissection -Revision front & back of forearm
22-May SUNDAY							
Date	Day	9:00 AM - 10:00 AM	10:00AM - 11:00AM	11:00AM - 1:00 PM		2:00 PM - 3:00 PM	3:00 PM - 5:00 PM
5/23/2022	Mon	AN- Lecture wrist joint & elbow joint AN 13.3,11.6 Identify & describe the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements, blood and nerve supply of elbow & wrist joint Describe the anastomosis around the elbow joint	Physiology-classify different types of immunity. Describe the development of immunity and its regulation PY2.10 P1	PY 2.11 (DOAP) – Differential leukocyte count PY(DOAP) – Computer assisted learning (3.18) (C+A)	BI Estimation of alkaline phosphatase DOAP BI 11.14 Estimation of alkaline phosphatase	AN-DOPA- Carpals and metacarpals AN 8.1,8.2,8.4,8.5,8.6 Identify the given bone, its side, important features & keep it in anatomical position Identify & describe joints formed by the given bone Demonstrate important muscle attachment on the given bone Identify and name various bones in articulated hand, Specify the parts of metacarpals & phalanges, enumerate the peculiarities of pisiform Describe scaphoid fracture and explain the anatomical basis of avascular necrosis	AN- Dissection- wrist joint & elbow joint AN 13.3,11.6 Identify & describe the type, articular surfaces, capsule, synovial membrane, ligaments, relations, blood and nerve supply of elbow & wrist joint Describe the anastomosis around the elbow joint (Histology Practical)
5/24/2022	Tue	AN Lecture - Histology- Cartilage AN 71.12 Identify Cartilage under the microscope; classify various types and describe the structure, function, correlation of the same	BI Vitamin 2 BI6.5 Biochemical role, deficiency manifestations, sources, RDA of FAT soluble vitamins	PY 2.11 (DOAP) – Differential leukocyte count PY(DOAP) – Computer assisted learning (3.18) (A+B)	BI Formative Assesment for abnormal urine under various pathological conditions	Physiology(Tutorial/SGD/SDL) PY 1.4 Apoptosis	AN - Dissection 1st Carpometacarpal Joint, wrist joint AN 13.3 Identify & describe the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements, blood and nerve supply of wrist joint, 1st carpometacarpal joint (Histology Practical)

5/25/2022	Wed	BI Vitamins Tutorial	Physiology- Explain energy source and muscle metabolism PY 3.11	PY 2.11 (DOAP) – Differential leukocyte count PY(DOAP) – Computer assisted learning (3.18) (B+C)	BI Formative Assesment for abnormal urine under various pathological conditions	AN - DOAP -Palmar and dorsal interossei AN 12.5 Identify & describe small muscles of hand. Describe movements of thumb and muscles involved (Histology Practical Batch-A)	AN Dissection - Flexor and extensor retinaculum AN 12.3, 12.14 Identify & describe flexor retinaculum with its attachments Identify & describe compartments deep to extensor retinaculum (Histology Practical)
5/26/2022	Thu	Physiology-classify different types of immunity. Describe the development of immunity and its regulation PY2.10 P2	AN Lecture - Embryology: Body cavities and diaphragm AN 52.5 describe the development and congenital anomalies of diaphragm	AN Dissection - Flexor and extensor retinaculum AN 12.3, 12.14 Identify & describe flexor retinaculum with its attachments Identify & describe compartments deep to extensor retinaculum (Histology Practical)		AN- DOAP -Median nerve AN 12.2 Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels of forearm Describe anatomical basis of Claw hand	BI spectrophotometry DEMO/SGD BI11.18 Principles of spectrophotometry. LCD
5/27/2022	Fri	Physiology- Explain the gradation of muscular activity, Describe muscular dystrophy: myopathies Py 3.12 & 3.13 Physiology-pathophysiology of Myasthenia gravis PY3.6 Pathology Intigration	AN Lecture - Radial nerve AN 12.2, 12.13 Identify & describe origin, course, relations , branches (or tributaries), termination of important nerves and vessels of forearm describe anatomical basis of wrist drop	AN Dissection - Front of Hand AN 12.5,12.6,12.9 Identify & describe small muscles of hand. Also describe movements of thumb and muscles involved Identify & describe fibrous flexor sheaths, ulnar bursa, radial bursa and digital synovial sheaths		BI Vitamins BI6.5 Biochemical role, deficiency manifestations, sources and RDA B6, B7, B12, Folic acid and Vit C Nesting GM	Physiology(Tutorial/SGD/SDL) PY 2.10 Immunity
5/28/2022	Sat	AN-Lecture: Revision: 1st CM joint, elbow joint, wrist joint	AN Lecture: Revision : Shoulder joint	(Community Medicine) Lecture- Sociology- II Psychology, introduction, Group Behavior, Motivation Personality.	(Community Medicine) Lecture- Sociology - III Social factors affecting health and disease	Physiology-classify different types of immunity. Describe the development of immunity and its regulation PY2.10 P3	SDL
29-May		SUNDAY					
Date	Day	9:00 AM - 10:00 AM	10:00AM - 11:00AM	11:00AM - 1:00 PM		2:00 PM -3:00 PM	3:00 PM - 5:00 PM
5/30/2022	Mon	AN Lecture- Ulnar nerve AN 12.2,12.8 Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels of forearm Describe anatomical basis of Claw hand	Physiology-neuro-muscular blocking agents PY3.5 Pharmacology Intigration	PY 2.11 (DOAP) – Differential leukocyte count PY(DOAP) – Computer assisted learning (3.18) (C+A)	BI Formative Assesment for abnormal urine under various pathological conditions	AN-DOAP-- Xrays,surface anatomy & living anatomy AN 13.6,13.7,13.5 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 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 Identify the bones and joints of upper limb seen in anteroposterior and lateral view radiographs of shoulder region, arm, elbow, forearm and hand	AN-Dissection : Radial nerve, median nerve and ulnar nerve AN 12.2 Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels of forearm (Histology Practical)
5/31/2022	Tue	AN - Lecture- Rectus sheath AN - 44.3 Formation of rectus sheath & its content,	BI Electron transport chain BI6.6 Biochemical process of energy generation enzymes, coenzymes, electron carriers ,ETC and mechanism of oxidative phosphorylation	PY 2.11 (DOAP) – Differential leukocyte count PY(DOAP) – Computer assisted learning (3.18) (A+B)	BI Demostration of Blood Glucose using Glucometer	Physiology(Tutorial/SGD/SDL) PY 3.5 Neuromuscular blocking agents	AN DOAP: Flexor retinaculum & carpal tunnel syndrome AN 12.3,12.4 Identify & describe flexor retinaculum with its attachments Explain anatomical basis of carpal tunnel syndrome

6/1/2022	Wed	BI Electron transport chain BI6.6 Biochemical process of energy generation enzymes, coenzymes, electron carriers ,ETC and mechanism of oxidative phosphorylation	Physiologythe composition, mechanism of secretion, functions, and regulation of saliva, gastric PY4.2 P1	PY 2.11 (DOAP) - Differential leukocyte count PY(DOAP) – Computer assisted learning (3.18) (B+C)	BI Demonstration of Blood Glucose using Glucometer	AN DOAP: Flexor retinaculum & carpal tunnel syndrome AN 12.3,12.4 Identify & describe flexor retinaculum with its attachments Explain anatomical basis of carpal tunnel syndrome	AN Dissection - Back of forearm AN 12.11, 12.12 Identify, describe and demonstrate important muscle groups of dorsal forearm with attachments, nerve supply and actions Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels of back of forearm (Histology Practical)
6/2/2022	Thu	Physiology- the functional anatomy of respiratory tract PY6.1	AN Embryology- Derivatives of ectoderm endoderm and mesoderm	AN- Dissection - Histology Practical Batch - C inguinal canal AN 44.4 Boundaries, contents of inguinal canal including Hasselbach's		BI Coorelation of toxins with ETC ECE BI6.6 Substrate level phosphorylation, inhibitors of ETC and oxidative phossphorvlation	
6/3/2022	Fri	Physiology- the composition, mechanism of secretion, functions, and regulation of pancreatic, intestinal juices and bile secretion PY4.2 P2	AN - Lecture- Pancreas AN 47.5 Anatomical position,external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects, Carcinoma head of pancreas	AN-Dissection - Histology Practical Batch - D Scrotum & Testis AN 46.1,46.2,46.3 Testis, its covering Epididymis Penis		Early Clinical Exposure- Physiology(1st Friday)	
6/4/2022	Sat	AN- SDL EHB apparatus,duodenum	AN- Revision-General Embryology	(Community Medicine) Visits/Small group discussion (SGD) (Batch-I)- MRD		Physiology(Tutorial/SGD/SDL) PY 3.9 Muscle contraction	
				(Community Medicine) Visits/Small group discussion (SGD) (Batch-II) Family Visit (family adoption programme)			
				(Community Medicine) Visits/Small group discussion (SGD)(Batch-III)-BLOOD BANK			
5-Jun		SUNDAY					
Date	Day	9:00 AM - 10:00 AM	10:00AM - 11:00AM	11:00AM - 1:00 PM		2:00 PM -3:00 PM	3:00 PM - 5:00 PM
6/6/2022	Mon	AN- Histology GIT 1 AN 52.1 Describe & identify the microanatomical features of gastro-intestinal system:oesophagus,fundus of stomach, pylorus of stomach, duodenum, jejunum, ileum, large intestine, appendix, gall bladder, pancreas, suprarenal gland Dscribe & identify the microanatomical features of cardioesophageal junction	Physiology- lung volume and capacities, alveolar surface tension, compliance, airway resistance PY6.2 P1	PY 2.11 (DOAP) - Differential leukocyte count PY(DOAP) – Computer assisted learning (3.18) (C+A)	BI Demonstration of Blood Glucose using Glucometer	ECE- Anatomy	
6/7/2022	Tue	AN-Lecture: Portal vein & portosystemic anastomosis AN 47.8, 47.11 Describe & identify the formation, course relations and tributaries of Portal Vein Portocaval Anatomosis - Explain the anatomic basis of hematemesis & caput medusae in portal hypertension	BI oxidative phosphorylation BI6.6 Substrate level phosphorylation, inhibitors of ETC and oxidative phosphorylation	PY 2.11 (DOAP) - BT,CT PY – Ergography (3.14) (A+B)	BI Estimation of serum Glucose by GOD/POD	AN DOAP- Abdominal aorta AN 47.9 describe & identify the origin, course, important relations and branches of abdominal aorta	AN- Dissection - Abdominal aorta AN 47.9 describe & identify the origin, course, important relations and branches of abdominal aorta (Histology Practical)
6/8/2022	Wed	BI Haem metabolism 1 BI6.11 Haem structure, functions & processes involved in its metabolism, porphyrin metabolism, 2,3-BPG role in oxygen binding and delivery ALN PHYSIO	Physiology- GIT movements, regulation and functions. Describe defecation reflex. Explain role of dietary fibre. PY4.3	PY 2.11 (DOAP) - BT,CT PY – Ergography (3.14) (B+C)	BI Estimation of serum Glucose by GOD/POD	AN - DOAP Kidney - External features and relations Anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)	AN- Dissection - Abdominal aorta AN 47.9 describe & identify the origin, course, important relations and branches of abdominal aorta (Histology Practical Batch - B)

6/9/2022	Thu	Physiology- ventilation, V/P ratio, diffusion capacity of lungs PY6.2 P2	AN Embryology :GIT 2 AN 52.6 describe the development and congenital anomalies of foregut,midgut and hindgut	AN- Dissection -Abdominal aorta AN 47.9 describe & identify the origin, course, important relations and branches of abdominal aorta (Histology Practical Batch - B)		AN - DOAP Kidney - External features and relations Anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)	BI11.17 Basis and rationale of biochemical tests done in jaundice & liver diseases SGD
						Early Clinical Exposure- Biochemistry	
6/10/2022	Fri	Physiology- the physiology of digestion and absorption of nutrients PY4.4	AN Kidney- (Blood supply,lymphatic drainage.Applied anatomy)& Ureters INT General Surgery, Urology, PY AN 47.5, 47.6 Anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) explain the anatomical basis of radiating pain of kidney to groin Anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects	AN Dissection - Kidney & ureters AN 47.5 Anatomical position, external and internal features, important peritoneal and other relations (Histology Practical)		BI Haem metabolism 2 BI6.11 synthesis of heme regulation, porphyrias, heme catabolism, jaundice ALN PHYSIO INT PATHO&GM	Physiology(Tutorial/SGD/SDL) PY 3.6 Msthenia Gravis
		AN- SDL Pancreas, portal vein	AN Revision: Suprarenal glands, abdominal aorta			Physiologyventilation, V/P ratio, diffusion capacity of lungs PY6.2 P3	SDL
6/11/2022	Sat			Visits/Small group discussion (SGD) (Batch-II)- MRD			
				(Community Medicine) Visits/Small group discussion (SGD) (Batch-III) Family Visit (family adoption programme)			
				(Community Medicine)Visits/Small group discussion (SGD)(Batch-I)-BLOOD BANK			
12-Jun				SUNDAY			
Date	Day	9:00 AM - 10:00 AM	10:00AM - 11:00AM	11:00AM - 1:00 PM		2:00 PM -3:00 PM	3:00 PM - 5:00 PM
6/13/2022	Mon	AN Histology GIT 2 AN 52.1 Describe & identify the microanatomical features of gastro-intestinal system:oesophagus,fundus of stomach, pylorus of stomach, duodenum, jejunum, ileum, large intestine, appendix, gall bladder, pancreas, suprarenal gland Dscribe & identify the microanatomical features of cardioesophageal junction	Physiology- Describe the source of GIT hormones, their regulation and functions PY4.5	PY 2.11 (DOAP) – BT,CT PY – Ergography (3.14) (C+A)	BI Estimation of serum Glucose by GOD/POD	AN - DOAP - Posterior abdominal wall AN 45.1, 45.2,45.3 Describe Thoracolumbar fascia Describe & demonstrate Lumbar plexus for its root value, formation & Branches Mention the major subgroups of back muscles, nerve supply and action	AN -Dissection -Posterior abdominal wall AN 45.2 Lumbar plexus for itsroot value, formation &branches

6/14/2022	Tue	AN-Lecture: Portal vein & portosystemic anastomosis AN 47.8 , 47.11 Describe & identify the formation, course relations and tributaries of Portal Vein Portocaval Anatomosis - Explain the anatomic basis of hematemesis & caput medusae in portal hypertension	BI Hemoglobin BI6.12 Hb types, derivatives, physiological/ pathological relevance (Sickle cell anaemia, Thalassemia & Methemoglobinemia.)	PY 2.11 (DOAP) - Determination of Total RBC Count PY(DOAP) - General clinical Examination (A+B)	BI Estimation of Blood Urea DOAP 11.21 Estimation of Blood Urea	Physiology-Describe and discuss the transport of respiratory gases: Oxygen PY6.3 P1	AN DOAP: Flexor retinaculum & carpal tunnel syndrome AN 12.3,12.4 Identify & describe flexor retinaculum with its attachments Explain anatomical basis of carpal tunnel syndrome	AN Dissection - Back of forearm AN 12.11, 12.12 Identify, describe and demonstrate important muscle groups of dorsal forearm with attachments, nerve supply and actions Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels of back of forearm (Histology Practical)
6/15/2022	Wed	BI Chemistry of Carbohydrate BI3.1 Differentiation, definition, functions and importance of carbohydrates, glycosides and its therapeutic importance glycemic index, and dietary fiber.	Physiology- Describe the Gut-Brain Axis PY4.6	PY 2.11 (DOAP) - Determination of Total RBC Count PY(DOAP) - General clinical Examination (B+C)	BI Estimation of Blood Urea DOAP 11.21 Estimation of Blood Urea		AN-DOAP - Bony Pelvis AN 53.2 53.3 Identify the given bone, important features & keep it in anatomical position Identify & describe joints formed by the given bone Demonstrate important muscle attachment on the given bone Difference between Male and female Pelvis	AN- Dissection Urinary bladder AN 48.2 External and internal features, important peritoneal and other relations (Histology Practical Batch -B)
6/16/2022	Thu	Physiology- Describe and discuss the transport of respiratory gases: Carbon dioxide PY6.3 P2	AN Embryology- GIT 3 AN 52.6 describe the development and congenital anomalies of foregut, midgut and hindgut	AN- Dissection - Urinary bladder and Urethra AN 48.2 External and internal features, important peritoneal and other relations (Histology Practical)		AN DOAP - Pelvic Diaphragm AN 48.1 Describe & identify the muscles of Pelvic diaphragm	BI Biological importance of various cabohydrates BI3.1 Differentiation, definition, functions and importance of carbohydrates, glycosides and its therapeutic importance glycemic index, and dietary fiber.	
6/17/2022	Fri	Physiology- Describe & discuss the structure and functions of liver and gall bladder PY4.7	AN Lecture: Urinary bladder AN 48.2 ,48.6 Anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects, Describe the neurological basis of Automatic bladder	AN Dissection : Prostate AN 48.2 Features, important peritoneal and other relations, (Histology Practical)		BI Hemoglobinopathies SDL BI6.12 Hb types, derivatives, physiological/ pathological relevance (Sickle cell anaemia, Thalassemia & Methemoglobinemia.)	Physiology(Tutorial/SGD/SDL) PY 6.2 Mechanics of breathing	
6/18/2022	Sat	AN-SDL Kidney, Pelvic diaphragm	AN-- Lecture: Prostate AN 48.2 Anatomical position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects. Prostate -Mention the lobes involved in benign prostatic hypertrophy & prostatic cancer	(Community Medicine) Visits/Small group discussion (SGD) (Batch-III)- MRD	(Community Medicine) Visits/Small group discussion (SGD) (Batch-II) Family Visit (family adoption programme)	ECE Physiology		
19-Jun		SUNDAY						
Date	Day	9:00 AM - 10:00 AM	10:00AM - 11:00AM	11:00AM - 1:00 PM		2:00 PM -3:00 PM		3:00 PM - 5:00 PM
6/20/2022	Mon	AN-Histology - GIT 3 AN 52.1 Describe & identify the microanatomical features of gastro-intestinal system:oesophagus,fundus of stomach, pylorus of stomach, duodenum, jejunum, ileum, large intestine, appendix, gall bladder, pancreas, suprarenal gland Describe & identify the microanatomical features of cardioesophageal junction	Physiology- Describe and discuss the transport of respiratory gases: Carbon dioxide PY6.3 P3	PY 2.11 (DOAP) - Determination of Total RBC Count PY(DOAP) - General clinical Examination (C+A)	BI Estimation of Blood Urea DOAP 11.21 Estimation of Blood Urea	AN- DOAP - Urethra AN 48.2 Anatomical position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects.	AN Dissection - Uterus,Uterine tube& Ovaries AN 44.2 External and internal features, important peritoneal and other relations External and internal features, important peritoneal and other relations	

6/21/2022	Tue	AN Lecture - UterusPY AN 48.2,48.5 Describe & demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects, Retroverted & Prolapse uterus, INT Obstetrics & Gynecology,	BI Carbohydrate metabolism 1 BI3.2 Processes of digestion, absorption and transport of carbohydrates and storage.	PY 2.11 (DOAP) - Determination of Total RBC Count PY(DOAP) - General clinical Examination (A+B)	BI Estimation of Serum Creatinine & Creatinine Clearance DOAP BI 11.21,11.22 Demonstrate estimation of , creatinine, in serum. Calculate creatinine clearance	PhysiologyDescribe & discuss gastric function tests, pancreatic exocrine function tests & liver function tests PY4.8 (Integration with Biochemistry)	AN-DOAP Uterine tube& Ovaries AN 48.2 Describe & demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects	AN Dissection - Uterus,Uterine tube& Ovaries AN 48.2 External and internal features, important peritoneal and other relations External and internal features, important peritoneal and other relations (Histology Practical Batch-A)
6/22/2022	Wed	BI Carbohydrate metabolism 2 BI3.4 Enumerate carbohydrate metabolism pathways and their characteristics	Physiology- Describe and discuss the physiology of high altitude and deep sea diving PY6.4 P1	PY 2.11 (DOAP) - Determination of Total RBC Count PY(DOAP) - General clinical Examination (B+C)	BI Estimation of Serum Creatinine & Creatinine Clearance DOAP BI 11.21,11.22 Demonstrate estimation of , creatinine, in serum. Calculate creatinine clearance	AN-DOAP - Uterine tube& Ovaries AN 48.2 Describe & demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects	AN Dissection - Rectum and anal canal AN 48.2 External and internal features, important peritoneal and other relations External and internal features, important peritoneal and other relations (Histology Practical Batch -B)	
6/23/2022	Thu	Physiology- Discuss the physiology aspects of: peptic ulcer, gastro-oesophageal reflux disease, vomiting, diarrhoea, constipation, Adynamic ileus, Hirschsprung's disease PY4.9	AN-Embryology - urinary system INT Paediatrics AN 52.7 describe the development of urinary system	AN-Dissection - Rectum and anal canal AN 48.2 External and internal features, important peritoneal and other relations (Histology Practical Batch- C)		AN-DOPA - Rectum AN 48.2 Anatomical position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects, Internal and external haemorrhoids	BI Disorders of carbohydrate metabolism SGD/CD BI3.3 Deficiency disorders associated with Digestion and absorption of carbohydrates eg. lactose intolerance and sucrose deficiency	
6/24/2022	Fri	Physiology- Describe and discuss the physiology of high altitude and deep sea diving PY6.4 P2	AN Lecture: Anal canal AN 48.2 Anatomical position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects INT General Surgery	AN Dissection - Lateral Pelvic wall AN 48.1 Muscles of Pelvic diaphragm (Histology Practical Batch -D)		Early Clinical Exposure- Biochemistry		
6/25/2022	Sat	AN-SDL Urinary bladder, Urethra	AN Revision: Prostate,Uterus	Module1.2 What does it mean to be a patient? (Exploratory Session)		Physiology- Describe the functional anatomy of heart including chambers, sounds; and Pacemaker tissue and conducting system. PY5.1	SDL	
26-Jun		SUNDAY						
Date	Day	9:00 AM - 10:00 AM	10:00AM - 11:00AM	11:00AM - 1:00 PM		2:00 PM -3:00 PM		3:00 PM - 5:00 PM
6/27/2022	Mon	AN Histology : Urinary system INT Pathology AN 52.2 describe & identify the microanatomical features of urinary system: kidney, ureter,urinary bladder	PhysiologyDescribe and discuss the principles of artificial respiration, oxygen therapy, acclimatization and decompression sickness. PY6.5	PY 2.11 (DOAP) - Determination of Total RBC Count PY(DOAP) - General clinical Examination (C+A)	BI Estimation of Serum Creatinine & Creatinine Clearance DOAP BI 11.21,11.22 Demonstrate estimation of , creatinine, in serum. Calculate creatinine clearance	AN- DOAP : Perineum & Perineal membrane INT Obstetrics & Gynecology AN 49.2,49.3,49.5 Describe & identify Perineal body Describe & demonstrate Perineal membrane in male & female Explain the anatomical basis of Perineal tear, Episiotomy, Perianal abscess and Anal fissure	AN - Dissection - Ischioanal fossa AN 49.4 Describe & demonstrate boundaries, content & applied anatomy of Ischioanal fossa	

6/28/2022	Tue	AN Lecture: Ischioanal fossa AN 49.4 Describe & demonstrate boundaries, content & applied anatomy of Ischioanal fossa INT General Surgery	BI Carbohydrate metabolism 3 BI3.5 Glycolysis & Gluconeogenesis pathways, energetics, regulation and their significance. (Lecture/CD) INT GM	PY 2.11 (DOAP) - TLC PY(DOAP) - clinical examination of respiratory system PY 3.15 (A+B)	BI Estimation of Serum Cholesterol &HDL BI 11.9 Demonstrate the estimation of serum total cholesterol and HDLcholesterol	Physiology(Tutorial/SGD/SDL) PY 6.3 Oxygen transport	AN- DOAP : Perineum & Perineal membrane INT Obstetrics & Gynecology AN 49.2,49.3,49.5 Describe & identify Perineal body Describe & demonstrate Perineal membrane in male & female Explain the anatomical basis of Perineal tear, Episiotomy, Perianal abscess and Anal fissure	AN Dissection - Ischioanal fossa AN 49.4 Describe & demonstrate boundaries, content & applied anatomy of Ischioanal fossa (Histology Practical)
6/29/2022	Wed	BI Carbohydrate metabolism 4 BI3.6 TCA cycle as a amphibolic pathway, it's energetics,regulation and importance	PhysiologyDescribe the properties of cardiac muscle including its morphology, electrical, mechanical and metabolic functions PY5.2	PY 2.11 (DOAP) - TLC PY(DOAP) - clinical examination of respiratory system PY 3.15 (B+C)	BI Estimation of Serum Cholesterol &HDL BI 11.9 Demonstrate the estimation of serum total cholesterol and HDLcholesterol	AN-DOAP - Superficial and deep perineal spaces AN 49.1 Describe & demonstrate boundaries, content & applied anatomy of Ischioanal fossa	AN Dissection - Sagittal section of male and female pelvis AN 51.2 describe & identify the midsagittal section of male and female pelvis (Histology Practical)	
6/30/2022	Thu	Describe & discuss the pathophysiology of dyspnoea, hypoxia, cyanosis, asphyxia, drowning, periodic breathing PY 6.6 P1	AN Embryology: Genital system AN 52.8 describe the development of male & female reproductive system	AN Dissection - Sagittal section of male and female pelvis AN 51.2 describe & identify the midsagittal section of male and female pelvis (Histology Practical)		anatomy AN 55.1, 55.2 Demonstrate the surface marking of: regions and planes of abdomen, superficial & deep inguinal ring, McBurney's point, renal angle & Murphy's point demonstrate the surface porjections of: stomach, liver, fundus of gall bladder, spleen, duodenum, pancreas, ileocecal junction, kidneys, root of mesentery	BI Carbohydrate metabolism 5 BI3.5 Glucogen metabolism, its regulation & significance and glycogen storage disorders	
7/1/2022	Fri	Physiology- Discuss the events occurring during the cardiac cycle PY 5.3 P1	AN Thoraco abdominal Diaphragm AN 47.13, 47.14 Describe & demonstrate the attachments, openings, nerve supply & action of the thoracoabdominal diaphragm Describe the abnormal openings of thoracoabdominal diaphragm and diaphragmatic hernia	AN-Dissection - Thoraco abdominal Diaphragm AN 47.13 Its attachments, openings of the thoracoabdominal diaphragm (Histology Practical)		Early Clinical Exposure- Biochemistry		
7/2/2022	Sat	AN-SDL- Rectum ,Anal canal	AN Revision: Perineal membrane, Ischio anal fossa	Module1.2 What does it mean to be a patient? (Hospital Visit)		Early Clinical Exposure- Physiology(1st Friday)		
7/2/2022	Sat					ECE Physiology		
3-Jul	SUNDAY							
Date	Day	9:00 AM - 10:00 AM	10:00AM - 11:00AM	11:00AM - 1:00 PM		2:00 PM -3:00 PM	3:00 PM - 5:00 PM	
7/4/2022	Mon	Anatomy 1st Term Examination Theory				Time : 10 to 1 PM		
7/5/2022	Tue	Physiology 1st Term Examination Theory				Time : 10 to 1 PM		
7/6/2022	Wed	Bio-Chemistry 1st Term Examination Theory				Time : 10 to 1 PM		
7/7/2022	Thu	Anatomy 1st Term Examination Practical				Time 9 AM to 4PM		
7/8/2022	Fri	Physiology 1st Term Examination Practical				Time 9 AM to 4PM		
7/9/2022	Sat	Bio-Chemistry 1st Term Examination Practical				Time 9 AM to 4PM		

10-Jul		SUNDAY					
Date	Day	9:00 AM - 10:00 AM	10:00AM - 11:00AM	11:00AM - 1:00 PM		2:00 PM -3:00 PM	3:00 PM - 5:00 PM
7/11/2022	Mon	AN Histology - Histology GIT 4 AN 52.1 Describe & identify the microanatomical features of gastro-intestinal system:oesophagus,fundus of stomach, pylorus of stomach, duodenum, jejunum, ileum, large intestine, appendix, gall bladder, pancreas, suprarenal gland Describe & identify the microanatomical features of cardioesophageal junction	Describe & discuss the pathophysiology of dyspnoea, hypoxia, cyanosis, asphyxia, drowning, periodic breathing PY 6.6 P2	BI Estimation of Serum Cholesterol &HDL BI 11.9 Demonstrate the estimation of serum total cholesterol and HDLcholesterol		AN DOAP- Humerus AN 8.1,8.2,8.4 Identify the given bone, its side, important features & keep it in anatomical position Identify & describe joints formed by the given bone Demonstrate important muscle attachment on the given bone	AN - Dissection - Brachial plexus AN 10.3 Describe, identify and demonstrate formation, branches, relations, area of supply of branches, course and relations of terminal branches of brachial plexus
7/12/2022	Tue	AN Axilla and its contents AN 10.1,10.2,10.4,10.7 Identify & describe boundaries and contents of axilla Identify, describe and demonstrate the origin, extent, course, parts, relations and branches of axillary artery & tributaries of vein Describe the anatomical groups of axillary lymph nodes and specify their areas of drainage Explain anatomical basis of enlarged axillary lymph nodes	BI Carbohydrate metabolism BI3.8 & BI3.9 Blood glucose regulation and Interpretation of laboratory results (Analytes-blood glucose levels,HbA1C, urinary glucose & ketone bodies and GTT related to diabetes mellitus)	BI Estimation of Serum TG BI 11.10 Demonstrate the estimation of triglycerides		AN DOAP- Humerus AN 8.1,8.2,8.4 Identify the given bone, its side, important features & keep it in anatomical position Identify & describe joints formed by the given bone Demonstrate important muscle attachment on the given bone	AN-Dissection :Brachial Plexus AN 10.3 Describe, identify and demonstrate formation, branches, relations, area of supply of branches, course and relations of terminal branches of brachial plexus (Histology Practical)
7/13/2022	Wed	BI Poisons affecting enzymes of carbohydrate metabolism BI3.7 poisons that inhibit carbohydrate metabolism ALN PHYSIO	Describe & discuss the pathophysiology of dyspnoea, hypoxia, cyanosis, asphyxia, drowning, periodic breathing PY 6.6 P3	BI Estimation of Serum TG BI 11.10 Demonstrate the estimation of triglycerides		AN-DOAP Brachial Plexus AN 10.3,10.5,10.6 Describe, identify and demonstrate formation, branches, relations, area of supply of branches, course and relations of terminal branches of brachial plexus Explain variations in formation of brachial plexus Explain the anatomical basis of clinical features of Erb's palsy and Klumpke's paralysis	AN-Dissection :Brachial Plexus AN 10.3 Describe, identify and demonstrate formation, branches, relations, area of supply of branches, course and relations of terminal branches of brachial plexus (Histology Practical)
7/14/2022	Thu	Physiology-Describe generation, conduction of cardiac impulse PY5.4	AN - Embryology::Development of heart1 AN 25.2,,25.4,25.5 describe development of heart describe embryological basis of: atrial septal defect, ventricular septal defect,falot's tetralogy,tracheo-oesophageal fistula describe developmental basis of congenital anomalies,transposition of great vessels,dextrocardia,patent ductus arteriosus and coarctation of aorta	AN- Dissection- back & scapular region Describe, identify and demonstrate the position, attachment,nerve supply and actions of trapezius and latissimus dorsi Describe the arterial anastomosis around the scapula and mention the boundaries of triangle of auscultation (Histology Practical Batch - C)		AN DOAP- Humerus AN 8.1,8.2,8.4 Identify the given bone, its side, important features & keep it in anatomical position Identify & describe joints formed by the given bone Demonstrate important muscle attachment on the given bone	BI Diabetes mellitus ECE/CD/Linker BI3.8,3.9,3.10 Discuss and interpret laboratory results of analytes associated with metabolism of carbohydrates Discuss the mechanism and significance of blood glucose regulation in health and disease Interpret the results of blood glucose levels and other laboratory investigations related to disorders of carbohydrate metabolism.
Early Clinical Exposure- Biochemistry							

7/15/2022	Fri	Describe & discuss the pathophysiology of dyspnoea, hypoxia, cyanosis, asphyxia, drowning, periodic breathing PY 6.6 P4	AN Rotator cuff and Intermuscular spaces of scapular region AN 10.10 describe and identify the rotator cuff muscles	AN Dissection - back & scapular region AN 10.8,10.9 Describe, identify and demonstrate the position, attachment, nerve supply and actions of trapezius and latissimus dorsi Describe the arterial anastomosis around the scapula and mention the boundaries of triangle of auscultation (Histology Practical Batch -D)	BI Carbohydrate metabolism Tutorial BI3.5 Significance of HMP shunt, Uronic acid, Galactose and Sorbitol pathways, and associated disorders (SDL)	Physiology(Tutorial/SGD/SDL) PY 4.9 Peptic Ulcer
7/16/2022	Sat	AN SDL Deltoid muscle, Brachial plexus	AN Revision:Axilla and its contents	Module1.2 What does it mean to be a patient? (Discussion and closure of case)	Physiology(Tutorial/SGD/SDL) PY 4.6 Gut- brain axis	
17-Jul						
SUNDAY						
Date	Day	9:00 AM - 10:00 AM	10:00AM - 11:00AM	11:00AM - 1:00 PM	2:00 PM -3:00 PM	3:00 PM - 5:00 PM
7/18/2022	Mon	AN Histology - GIT 5 INT Pathology AN 52.1 Describe & identify the microanatomical features of gastro-intestinal system:oesophagus,fundus of stomach, pylorus of stomach, duodenum, jejunum, ileum, large intestine, appendix, gall bladder, pancreas, suprarenal gland Describe & identify the microanatomical features of cardioesophageal junction	Physiology- Describe the physiology of electrocardiogram (E.C.G), its applications and the cardiac axis PY5.5 P1	BI Estimation of Serum TG 11.10 Demonstrate the estimation of triglycerides	AN - arm & musculocutaneous nerve AN	Dissection - Arm AN 11.1,11.2,11.3,11.4 Describe and demonstrate muscle groups of upper arm with emphasis on biceps and triceps brachii Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels in arm Describe the anatomical basis of Venepuncture of cubital veins Describe the anatomical basis of Saturday night paralysis AN 11.1,11.2 Describe and demonstrate muscle groups of upper arm with emphasis on biceps and triceps brachii Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels in arm ECE
7/19/2022	Tue	AN Lecture: Shoulder joint AN 13.3 Describe and demonstrate shoulder joint for– type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements, muscles involved, blood supply, nerve supply and applied anatomy	BI Protein metabolism 1 BI5.3 Digestion and absorption of dietary proteins and related disorders INT Pedia	PY 2.11 (DOAP) - Blood Group PY(DOAP) – clinical examination of respiratory system PY 3.15 (A+B)	BI Estimation of Serum Total Protein, A:G ratio BI11.21 & BI11.22 Estimation of Serum Total Protein, A:G ratio DOAP	AN-DOAP - cubital fossa AN 11.5Identify & describe boundaries and contents of cubital fossa AN Dissection - Shoulder Joint AN 13.3 Describe and demonstrate shoulder joint for– type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements, muscles involved, blood & nerve supply and applied anatomy SGD
7/20/2022	Wed	BI Protein metabolism 2- Transamination & deamination, fate of ammonia Glycine	Physiology- Describe the physiology of electrocardiogram (E.C.G), its applications and the cardiac axis PY5.5 P2	PY 2.11 (DOAP) - Blood Group PY(DOAP) – clinical examination of respiratory system PY 3.15 (B+C)	BI Estimation of Serum Total Protein, A:G ratio BI11.21 & BI11.22 Estimation of Serum Total Protein, A:G ratio DOAP	AN-DOAP - cubital fossa AN 11.5Identify & describe boundaries and contents of cubital fossa AN Dissection -Cubital fossa AN 11.5 Identify & describe boundaries and contents of cubital fossa (Histology Practical Batch -B)
7/21/2022	Thu	Physiology- Describe structure and function of kidney PY7.1	AN Embryology- Development of Heart 2 AN 25.2,25.4,25.5 describe development of heart describe embryological basis of: atrial septal defect, ventricular septal defect,falloot's tetralogy,tracheo-oesophageal fistula describe developmental basis of congenital anomalies,transposition of great vessels,dextrocardia,patent ductus arteriosus and coarctation of aorta	AN Dissection -Cubital fossa AN 11.5Identify & describe boundaries and contents of cubital fossa (Histology Practical Batch C)	AN-DOAP- Radius AN 8.1.8.2,8.4 Identify the given bone, its side, important features & keep it in anatomical position Identify & describe joints formed by the given bone Demonstrate important muscle attachment on the given bone	BI Urea Cycle along with Clinical significance (Lecture followed by CD INT Pedia) BI5.4 describe common disorders associated with protein metabolism INT Pedia
Early Clinical Exposure- Biochemistry						

7/22/2022	Fri	Physiology- Describe abnormal ECG, arrhythmias, heart block and myocardial Infarction PY5.6	AN Flexor retinaculum & carpal tunnel syndrome AN 12.3,12.4 Identify & describe flexor retinaculum with its attachments Explain anatomical basis of carpal tunnel syndrome	AN Dissection - front of forearm AN12.1, 12.2 Describe and demonstrate important muscle groups of ventral forearm with attachments, nerve supply and actions Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels of forearm (Histology Practical Batch -D)	BI Clinical Significance of Urea cycle (CD, Charts & lab reports) SDL	Physiology(Tutorial/SGD/SDL) PY 5.3 Cardiac cycle
7/23/2022	Sat	AN-SDL Rotator cuff , Intermuscular spaces	AN Revision: Shoulder joint,Cubital fossa	Physiology AETCOM	Physiology- Describe the structure and functions of juxta glomerular apparatus and role of renin-angiotensin system PY7.2	SDL
24-Jul				SUNDAY		
Date	Day	9:00 AM - 10:00 AM	10:00AM - 11:00AM	11:00AM - 1:00 PM	2:00 PM -3:00 PM	3:00 PM - 5:00 PM
7/25/2022	Mon	AN Histology Urinary system AN 52.2 describe & identify the microanatomical features of urinary system: kidney, ureter,urinary bladder	Physiology- Describe and discuss haemodynamics of circulatory system PY5.7	BI Estimation of Serum Total Protein, A:G ratio BI11.21 & BI11.22 Estimation of Serum Total Protein, A:G ratio DOAP PY 2.11 (DOAP) - Blood Group PY(DOAP) - clinical examination of respiratory system PY 3.15 (C+A)	AN- DOAP - Ulna AN 8.1,8.2,8.4 Identify the given bone, its side, important features & keep it in anatomical position Identify & describe joints formed by the given bone Demonstrate important muscle attachment on the given bone	AN Dissection - Back of forearm AN 12.11, 12.12 Identify, describe and demonstrate important muscle groups of dorsal forearm with attachments, nerve supply and actions Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels of back of forearm
7/26/2022	Tue	AN Spaces in forearm and hand AN 12.10 Explain infection of fascial spaces of palm	BI Protein metabolism 3-Phenylalanine & Tyrosine INT Pediaiy) BI5.4 describe common disorders associated with protein metabolism INT Pedia	PY 2.11, 2.12 (DOAP) Red Cell indices , Hematocrit PY (DOAP) - Spirometry PY 6.8 (A+B)	BI Estimation of Serum Calcium DOAP BI11.11 Estimation of Serum Calcium	AN- DOAP - Ulna AN 8.1,8.2,8.4 Identify the given bone, its side, important features & keep it in anatomical position Identify & describe joints formed by the given bone Demonstrate important muscle attachment on the given
7/27/2022	Wed	BI Chemistry of lipids BI4.1 Definition, function and classification of lipids, fatty acids and their significance	Physiology-Describe the mechanism of urine formation involving processes of filtration, tubular reabsorption & secretion; concentration and diluting mechanism PY7.3 P1	PY 2.11, 2.12 (DOAP) Red Cell indices , Hematocrit PY (DOAP) - Spirometry PY 6.8 (B+C)	AN-DOAP - Superficial palmar arch & Palmar aponeurosis AN 12.7 Identify & describe course and branches of important blood vessels and nerves in hand	AN Dissection - Flexor and extensor retinaculum AN 12.3, 12.14 Identify & describe flexor retinaculum with its attachments Identify & describe compartments deep to extensor retinaculum (Histology Practical)
7/28/2022	Thu	Physiology- Describe and discuss haemodynamics of circulatory system PY5.7 P2	AN Embryology -Foetal circulation and arch arteries INT Paediatrics, PY AN 25.3,25.6 describe fetal circulation and changes occurring at birth mention development of aortic arteries,svc,ivc and coronary sinus	AN Dissection - Front of Hand AN 12.5,12.6,12.9 Identify & describe small muscles of hand. Also describe movements of thumb and muscles involved Identify & describe fibrous flexor sheaths, ulnar bursa, radial bursa and digital synovial sheaths (Histology Practical)	AN 8.1,8.2,8.4,8.5,8.6 Identify the given bone, its side, important features & keep it in anatomical position Identify & describe joints formed by the given bone Demonstrate important muscle attachment on the given bone Identify and name various bones in articulated hand, Specify the parts of metacarpals & phalanges , enumerate the peculiarities of pisiform Describe scaphoid fracture and explain the anatomical basis of avascular necrosis	Chemistry of lipids SGD BI4.1 structure, classification & functions of phospholipids and discuss respiratory distress syndrome. Structure and functions of cholesterol and it's importance SGD Nesting, INT GM
					Early Clinical Exposure- Biochemistry	

7/29/2022	Fri	Physiology-Describe the mechanism of urine formation involving processes of filtration, tubular reabsorption & secretion; concentration and diluting mechanism PY7.3 P2	AN Ulnar nerve AN 12.2,12.8 Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels of forearm Describe anatomical basis of Claw hand	AN Dissection : Back of hand AN 12.5,12.6,12.9 (Histology Practical)	BI Clinical significance related to Phospholipids and cholesterol (RDS) BI4.1 structure, classification & functions of phospholipids and discuss respiratory distress syndrome. Structure and functions of cholesterol and it's importance Nesting, INT GM	Physiology(Tutorial/SGD/SDL) PY 5.9 Blood pressure
7/30/2022	Sat	AN- Revision: Superficial palmar arch, Musculocutaneous nerve	AN- Revision: Superficial palmar arch, Musculocutaneous nerve	AETCOM (Physiology)	Physiology- Describe and discuss haemodynamics of circulatory system PY5.7 P3	SDL
31-Jul		SUNDAY				
Date	Day	9:00 AM - 10:00 AM	10:00AM - 11:00AM	11:00AM - 1:00 PM	2:00 PM -3:00 PM	3:00 PM - 5:00 PM
8/1/2022	Mon	AN - Histology : Male reproductive system AN 52.2 describe & identify the microanatomical features of male reproductive system: testis,epididymis,vas deferens,prostate & penis	Physiology- Describe & discuss the significance & implication of Renal clearance PY7.4	PY 2.11, 2.12 (DOAP) Red Cell indices , Hematocrit PY (DOAP) – Spirometry PY 6.8 (C+A)	BI Estimation of Serum Calcium DOAP BI11.11 Estimation of Serum Calcium	ECE- Anatomy
8/2/2022	Tue	AN- Median nerve AN 12.2 Identify & describe origin, course, relations branches (or tributaries), termination of important nerves and vessels of forearm Describe anatomical basis of Claw hand	BI Lipid metabolism 1 BI4.2 Digestion, absorption and transport of lipids and malapsortion Nesting INT GM	PY 2.12 (DOAP) ESR, Osmotic fragility PY (DOAP) – Record & interpret ECG PY 5.13 (A+B)	BI Estimation of Serum Phosphorus DOAP. BI11.11 Estimation of Serum Phosphorus	AN - Dissection -Palmar and dorsal interossei AN 12.5 Identify & describe small muscles of hand. Describe movements of thumb and muscles involved (Histology Practical Batch-A)
8/3/2022	Wed	BI Lipid metabolism 2 BI4.2 Pathway, energetics, regulation and disorders related to β-oxidation Nesting INT GM	Physiology- Describe and discuss local and systemic cardiovascular regulatory mechanisms PY5.8 P1	PY 2.12 (DOAP) ESR, Osmotic fragility PY (DOAP) – Record & interpret ECG PY 5.13 (B+C)	BI Estimation of Serum Phosphorus DOAP. BI11.11 Estimation of Serum Phosphorus	AN-DOAP -1st Carpometacarpal Joint, Radio ulnar joints AN 13.3 Identify & describe the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements, blood and nerve supply of proximal and distal radio-ulnar joints, first carpometacarpal joint. Identify & describe small muscles of hand. Also describe and demonstrate movements of thumb and muscles involved
8/4/2022	Thu	Physiology- Describe the renal regulation of fluid and electrolytes & acid-base balance PY7.5 P1	AN Development of respiratory system AN 25.2,25.4,25.5 describe development of pleura,lungs describe embryological basis of tracheo-oesophageal fistula describe	AN-Dissection : Radial nerve and ulnar nerve AN 12.2 Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels of forearm (Histology Practical)	BI Rationale of biochemical tests of lipid metabolism ECE(CD & Lab Reports) BI11.17 Rationale of biochemical tests done in - dyslipidemia, - myocardial infarction Ketosis and Ketoacidosis INT GM & PATH	

8/5/2022	Fri	Physiology- Describe and discuss local and systemic cardiovascular regulatory mechanisms PY5.8 P2	AN Radial nerve AN 12.2, 12.13 Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels of forearm describe anatomical basis of wrist drop	AN-Dissection : Radial nerve and ulnar nerve AN 12.2 Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels of forearm (Histology Practical)	Early Clinical Exposure- Physiology(1st Friday)	
8/6/2022	Sat	AN-SDL 1st CM joint, elbow joint, wrist joint	AN Revision : Radial nerve, median nerve and ulnar nerve	AETCOM (Physiology)	Physiology- Describe the factors affecting heart rate, regulation of cardiac output & blood pressure PY5.9 P1	Physiology(Tutorial/SGD/SDL) PY 5.9 Cardiac Output
7-Aug						
SUNDAY						
Date	Day	9:00 AM - 10:00 AM	10:00AM - 11:00AM	11:00AM - 1:00 PM	2:00 PM -3:00 PM	3:00 PM - 5:00 PM
8/8/2022	Mon	AN Histology- Female reproductive system AN 52.2 Describe & identify microanatomical features of female reproductive system: ovary,uterus,uterine tubes,cervix,placents & umbilical cord	Physiology- Describe the innervations of urinary bladder, physiology of micturition and its abnormalities PY7.6 Physiology- Describe cystometry and discuss the normal cystometrogram PY7.9	PY 2.12 (DOAP) ESR, Osmotic fragility PY (DOAP) – Record & interpret ECG PY 5.13 (C+A)	BI Estimation of Serum Phosphorus DOAP. BI11.11 Estimation of Serum Phosphorus	AN- DOAP - Thoracic inlet and outlet AN 21.3 Describe & demonstrate the boundaries of thoracic inlet, cavity and outlet AN - Dissection - intercostal space AN 21.4,21.5,21.6,21.7,21.8 Describe & demonstrate extent, attachments, direction of fibres, nerve supply and actions of intercostal muscles Describe & demonstrate origin, course, relations and branches of a typical intercostal nerve Mention origin, course and branches/ tributaries of: 1) anterior & posterior intercostal vessels 2) internal thoracic vessels Describe & demonstrate type, articular surfaces & movements of manubriosternal, costovertebral, costotransverse and xiphisternal joints
8/9/2022	Tue	AN Lecture: Intercostal space AN 21.4,21.5,21.6,21.7,21.8,21.9,21.10 Describe & demonstrate extent, attachments, direction of fibres, nerve supply and actions of intercostal muscles Describe & demonstrate origin, course, relations and branches of a typical intercostal nerve Mention origin, course and branches/ tributaries of: 1) anterior & posterior intercostal vessels 2) internal thoracic vessels Mention the origin, course, relations and branches of 1) atypical intercostal nerve 2) superior intercostal artery, subcostal artery Describe & demonstrate type, articular surfaces & movements of manubriosternal, costovertebral, costotransverse and xiphisternal joints	BI Lipid metabolism 3 BI4.2 De novo of fatty acids and its regulation, formation & fate of ketone bodies, its significance, regulation Nesting INT GM	PY 5.12 (DOAP) Blood Pressure recording PY (DOAP) – Recording of pulse PY 5.12, 5.16 (A+B)	BI Estimation of Serum Bilirubin DOAP BI11.12 Estimation of Serum Bilirubin	AN-DOAP - Lungs INT Medicine. PY AN 24.2,24.4,24.5 Identify side, external features and relations of structures which form root of lung & bronchial tree and their clinical correlate Identify phrenic nerve & describe its formation & distribution Mention the blood supply, lymphatic drainage and nerve supply of lungs AN- Dissection - intercostal space AN 21.4,21.5,21.6,21.7,21.8 (Histology Practical Batch-A)
8/10/2022	Wed	BI Lipid metabolism 4-cholesterol BI4.3,4.4 Describe the structure and functions of lipoproteins, their functions, interrelations & relations with atherosclerosis Explain the regulation of lipoprotein metabolism & associated disorders Nesting INT GM	Physiology- Describe the renal regulation of fluid and electrolytes & acid-base balance PY7.5 P2	PY 5.12 (DOAP) Blood Pressure recording PY (DOAP) – Recording of pulse PY 5.12, 5.16 (B+C)	BI Estimation of Serum Bilirubin DOAP BI11.12 Estimation of Serum Bilirubin	AN-DOAP - Lungs INT Medicine. PY AN 24.2,24.4,24.5 Identify side, external features and relations of structures which form root of lung & bronchial tree and their clinical correlate Identify phrenic nerve & describe its formation & distribution Mention the blood supply, lymphatic drainage and nerve supply of lungs AN Dissection pleura and lungs AN 24.1,24.2,24.4,24.5 Mention the blood supply, lymphatic drainage and nerve supply of pleura, extent of pleura and describe the pleural recesses and their applied anatomy Identify side, external features and relations of structures which form root of lung & bronchial tree and their clinical correlate Identify phrenic nerve & describe its formation & distribution Mention the blood supply, lymphatic drainage and nerve supply of lungs (Histology Practical Batch -B)
8/11/2022	Holiday					

8/12/2022	Fri	Physiology- Describe the factors affecting heart rate, regulation of cardiac output & blood pressure PY5.9 P2	AN Embryology: Pharyngeal arches AN 43.4 Describe the development and developmental basis of congenital anomalies of face, palate, tongue, branchial apparatus, pituitary gland, thyroid gland & eye	AN - Dissection - lungs AN 24.2, 24.4, 24.5 Identify side, external features and relations of structures which form root of lung & bronchial tree and their clinical correlate Identify phrenic nerve & describe its formation & distribution Mention the blood supply, lymphatic drainage and nerve supply of lungs (Histology Practical Batch C)		BI Lipid metabolism 5- Lipoproteins BI4.3, 4.4 Describe the structure and functions of lipoproteins, their functions, interrelations & relations with atherosclerosis Explain the regulation of lipoprotein metabolism & associated disorders Nesting INT GM	Physiology(Tutorial/SGD/SDL) PY 7.5 Acid base balance
8/13/2022	Sat	AN-SDL: Intercostal space, pleura, Pericardium	AN - Revision: Lungs and bronchopulmonary segments	(Community Medicine) Lecture Environment -I (water, air, noise, radiation)	(Community Medicine) Lecture-Environment -II (Housing standards & disposal of waste)	Physiology- Describe artificial kidney, dialysis and renal transplantation PY7.7	SDL
14-Aug							
SUNDAY							
Date	Day	9:00 AM - 10:00 AM	10:00AM - 11:00AM	11:00AM - 1:00 PM		2:00 PM - 3:00 PM	3:00 PM - 5:00 PM
8/15/2022		Holiday					
8/16/2022	Tue	AN-Histology- Cardiovascular system INT Pathology AN 69.1, 69.2, 69.3 Identify elastic & muscular blood vessels, capillaries under the microscope Describe the various types and structure-function correlation of blood vessel Describe the ultrastructure of blood vessels	BI Lipid metabolism 6		BI Estimation of Serum Bilirubin DOAP BI11.12 Estimation of Serum Bilirubin PY 5.12 (DOAP) Blood Pressure recording PY (DOAP) - Recording of pulse PY 5.12, 5.16 (C+A)	Physiology(Tutorial/SGD/SDL) PY 7.6 Micturition	AN - Atypical ribs and typical thoracic vertebra AN 21.1, 21.2 Identify and describe the salient features of sternum, typical rib, 1st rib and typical thoracic vertebra Identify & describe the features of 2nd, 11th and 12th ribs, 1st, 11th and 12th thoracic vertebrae ECE AN - Dissection : Heart (External features) AN 22.2 Describe & demonstrate external and internal features of each chamber of heart (Histology Practical)
8/17/2022	Wed	BI DNA, RNA & nucleotides BI7.1 & 6.2 Describe the structure and functions of DNA and RNA and outline the cell cycle. Describe and discuss the metabolic processes in which nucleotides are involved. INT GM	Physiology- Describe the factors affecting heart rate, regulation of cardiac output & blood pressure PY5.9 P3		BI Estimation of Serum ALP DOAP BI11.14 Estimation of Serum ALP PY 5.12 (DOAP) Blood Pressure recording PY (DOAP) - Recording of pulse PY 5.12, 5.16 (A+B)	AN -DOPA : Atypical thoracic vertebrae AN 21.2 Identify & describe the features of 2nd, 11th and 12th ribs, 1st, 11th and 12th thoracic vertebrae	AN - Dissection : Heart (External features) AN 22.2 Describe & demonstrate external and internal features of each chamber of heart (Histology Practical)

8/18/2022	Thu	Physiology-Describe & discuss Renal Function Tests PY7.8 (Integration of Biochemistry)	AN - Embryology Development of face and palate INT Paediatrics, General Surgery AN 43.4 describe development and developmental basis of congenital anomalies of face, palate, tongue,branchial apparatus,pituitary gland,thyroid gland,eyeball	AN - Dissection Heart (External features) (Histology Practical)	AN -DOPA : Atypical thoracic vertebrae AN 21.2 Identify & describe the features of 2nd, 11th and 12th ribs, 1st, 11th and 12th thoracic vertebrae	BI Interpretation of laboratory reports(Lipid profile, Atherosclerosis,hyper and hypo lipoproteinemia) SDL / Linker INT GM B14.5, & B14.7 Interpretation of laboratory results in association with lipid metabolism(lipid profile, hyper and hypo lipoproteinemia) Nesting INT GM
8/19/2022		Holiday			Early Clinical Exposure- Biochemistry	
8/20/2022	Sat	AN SDL : Mediastinum	AN Lecture: Blood supply of heart AN 22.3,22.4,22.5 Describe & demonstrate origin, course and branches of coronary arteries Describe anatomical basis of ischaemic heart disease Describe & demonstrate the formation, course, tributaries and termination of coronary sinus	Practical/Demo [Small group discussion (SGD)] (Batch A) Meteorological Instruments Practical/Demo [Small group discussion (SGD)] (Batch B) Meteorological Instruments	Physiology- Describe & discuss regional circulation including microcirculation, lymphatic circulation, coronary, cerebral, capillary, skin, foetal, pulmonary and splanchnic circulation PY5.10 P1	Physiology(Tutorial/SGD/SDL) PY 5.6 Myocardial infarction
21-Aug		SUNDAY				
Date	Day	9:00 AM - 10:00 AM	10:00AM - 11:00AM	11:00AM - 1:00 PM	2:00 PM -3:00 PM	3:00 PM - 5:00 PM
8/22/2022	Mon	AN - Histology: Respiratory system AN 25.1 Identify,draw and label a slide of trachea and lung	Describe the pathophysiology of shock, syncope, and heart failure PY 5.11 P1	PY 5.12 (DOAP) Blood Pressure recording PY (DOAP) - Recording of pulse PY 5.12, 5.16 (B+C)	AN-DOPA - Trachea, oesophagus AN 24.6,23.1 Describe the extent, length, relations, blood supply, lymphatic drainage and nerve supply of trachea Describe & demonstrate the external appearance, relations, blood supply, nerve supply,lymphatic drainage and applied anatomy of oesophagus	AN - Dissection - Posterior mediastinum AN 23.1,23.2,23.3 Describe & demonstrate the external appearance, relations, blood supply, nerve supply,lymphatic drainage and applied anatomy of oesophagus Describe & demonstrate the extent, relations tributaries of thoracic duct and enumerate its applied anatomy
8/23/2022	Tue	AN - Thoracic Duct And Azygous vein AN 23.2,23.3,23.7 Describe & demonstrate the extent, relations tributaries of thoracic duct and enumerate its applied anatomy Describe & demonstrate origin, course, relations, tributaries and termination of superior venacava, azygos, hemiazygos and accessory hemiazygos veins Mention the extent, relations and applied anatomy of lymphatic duct	BI Biological important nucleotides & antimetabolites and their significance BI 6.1,6.2Describe and discuss the metabolic processes in which nucleotides are involved. Describe the common disorders associated with nucleotide metabolism.	PY 5.12 (DOAP) Blood Pressure recording PY (DOAP) - Recording of pulse PY 5.12, 5.16 (C+A)	AN-DOPA - Trachea, oesophagus AN 24.6,23.1 Describe the extent, length, relations, blood supply, lymphatic drainage and nerve supply of trachea Describe & demonstrate the external appearance, relations, blood supply, nerve supply,lymphatic drainage and applied anatomy of oesophagus	AN - Dissection - Posterior mediastinum AN 23.1,23.2,23.3 (Histology Practical)
8/24/2022	Wed	BI Nucleotide metabolism 1 BI6.2, 6.3 Describe and discuss the metabolic processes in which nucleotides are involved Describe the common disorders associated with nucleotide metabolism	Physiology- Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of Adrenal gland PY8.2 P1	PY 5.12 (DOAP) Blood Pressure recording PY (DOAP) - Recording of pulse PY 5.12, 5.16 (C+A)	AN-DOAP - Xrays & Surface anatomy AN 25.7,25.8,25.9 Identify structures seen on a plain x-ray chest (PA view) Identify and describe in brief a barium swallow Demonstrate surface marking of lines of pleural reflection, lung borders and fissures, trachea, heart borders, apex beat & surface projection of valves of heart	AN - Dissection: Lungs revision (Histology Practical)

8/25/2022	Thu	Describe the pathophysiology of shock, syncope, and heart failure PY 5.11 P2	AN - Embryology- Development of tongue and thyroid INT Paediatrics, General Surgery AN 43.4 describe development and developmental basis of congenital anomalies of face, palate, tongue, branchial apparatus, pituitary gland, thyroid gland, eyeball	AN - Dissection: Heart revision (Histology Practical)	AN-DOPA - Joints of thorax & Respiratory movements AN 21.8, 21.9, 21.10 Describe & demonstrate type, articular surfaces & movements of manubriosternal, costovertebral, costotransverse and xiphisternal joints Describe & demonstrate mechanics and types of respiration Describe costochondral and interchondral joints	BI Disorders of nucleotide metabolism BI6.3, BI6.4 & BI11.7 Common disorders associated with nucleotide metabolism (gout, Lesch Nyhan syndrome) Interpretation laboratory results of analytes associated with gout & Lesch Nyhan syndrome. (CD/Photographs)
8/26/2022	Fri	Physiology- Describe and discuss the organization of nervous system PY10.1	AN - Revision : Development of heart and lungs	AN - Dissection completion exam	Early Clinical Exposure- Biochemistry Nucleotide metabolism 1 BI6.2, 6.3 Describe and discuss the metabolic processes in which nucleotides are involved Describe the common disorders associated with nucleotide metabolism	Physiology (Tutorial/SGD/SDL) PY 5.11 Shock SDL- Anatomy
8/27/2022	Sat	AN-SDL : Histology of CVS and Resp.Sys.	AN - Introduction to skull AN 26.1 Demonstrate anatomical position of skull, identify and locate individual skull bones in skull	Practical/Demo [Small group discussion (SGD)] (Batch A) Purification of water (small & large scale) Practical/Demo [Small group discussion (SGD)] (Batch B) Purification of water (small & large scale)	Physiology- Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of Adrenal gland PY8.2 P2	
28-Aug SUNDAY						
Date	Day	9:00 AM - 10:00 AM	10:00AM - 11:00AM	11:00AM - 1:00 PM	2:00 PM - 3:00 PM	3:00 PM - 5:00 PM
8/29/2022	Mon	AN - Histology : Tongue & salivary glands AN 43.2 Identify, describe and draw the microanatomy of pituitary gland, thyroid, parathyroid gland, tongue, salivary glands, tonsil, epiglottis, retina, cornea	Physiology- Describe and discuss the functions and properties of synapse, reflex, receptors PY10.2 P1	Y 5.12 (DOAP) Effect of exercise on Blood Pressure PY (DOAP) - Autonomic function testing PY 5.14 (A+B)	BI Spectrophotometry DEMO BI11.18 Demonstration of Spectrophotometry	AN - DOAP - Norma frontalis AN 26.2 Describe the features of norma frontalis, verticalis, occipitalis, lateralis and basalis AN - Dissection - scalp AN 27.1 Describe the layers of scalp, its blood supply, its nerve supply and surgical importance
8/30/2022	Tue	AN - Lecture: Scalp & face INT General Surgery AN 27.1, 27.2, 28.3, 28.4, 28.5, 28.6, 28.7, 28.8, 28.1 Describe the layers of scalp, its blood supply, its nerve supply and surgical importance Describe the emissary veins and their role in spread of infection from extracranial route to intracranial venous sinuses Describe & demonstrate origin /formation, course, branches /tributaries of facial vessels Describe & demonstrate branches of facial nerve with distribution Describe cervical lymph nodes and lymphatic drainage of head, face and neck Identify superficial muscles of face, their nerve supply and actions Explain the anatomical basis of facial nerve palsy Explain surgical importance of deep facial vein Describe sensory innervation of face Describe & demonstrate muscles of facial expression and their nerve supply	BI Disorders of nucleotide metabolism BI6.3 Common disorders associated with nucleotide metabolism (gout, Lesch Nyhan syndrome) ALN Physio	Y 5.12 (DOAP) Effect of exercise on Blood Pressure PY (DOAP) - Autonomic function testing PY 5.14 (B+C)	BI Spectrophotometry DEMO BI11.18 Demonstration of Spectrophotometry	AN - DOAP - Norma frontalis AN 26.2 Describe the features of norma frontalis, verticalis, occipitalis, lateralis and basalis AN - Dissection - Face AN 28.1, 28.2, 28.3, 28.4, 28.5, 28.6 Describe & demonstrate muscles of facial expression and their nerve supply Describe sensory innervation of face Describe & demonstrate origin /formation, course, branches /tributaries of facial vessels Describe & demonstrate branches of facial nerve with distribution Describe cervical lymph nodes and lymphatic drainage of head, face Identify superficial muscles of face, their nerve supply and actions and neck (Histology Practical)
8/31/2022	Wed	Holiday				
9/1/2022	Thu	Physiology- Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of Adrenal gland PY8.2 P3	AN - Development of endocrine system INT Medicine, PY AN 43.4 describe development and developmental basis of congenital anomalies of face, palate, tongue, branchial apparatus, pituitary gland, thyroid gland, eyeball	AN - Dissection -Deep cervical fascia AN 35.1 Describe the parts, extent, attachments, modifications of deep cervical fascia (Histology Practical Batch C)	BI Acid, Base & Buffers acidosis - alkalosis BI6.7, 6.8 Describe the processes involved in maintenance of normal pH, water & electrolyte balance of body fluids and the derangements associated with these. Discuss and interpret results of Arterial Blood Gas (ABG) analysis in various disorders. (ECE)	

9/2/2022	Fri	Physiology- Describe and discuss the functions and properties of synapse, reflex, receptors PY10.2 P2	AN-Lecture: Heart - Internal features AN 22.2, 22.6, 22.7 Describe & demonstrate external and internal features of each chamber of heart Describe the fibrous skeleton of heart Mention the parts, position and arterial supply of the conducting system of heart	AN - Dissection : Heart (Internal features) AN 22.2, 22.6, 22.7 Describe & demonstrate external and internal features of each chamber of heart Describe the fibrous skeleton of heart Mention the parts, position and arterial supply of the conducting system of heart (Histology Practical)	Early Clinical Exposure- Physiology(1st Friday)	
9/3/2022	Sat	AN-SDL Heart, arch of aorta, thoracic duct	AN - Lecture: Deep cervical fascia AN 35.1 Describe the parts, extent, attachments, modifications of deep cervical fascia	Practical/Demo [Small group discussion (SGD)] (Batch A) Excreta disposal	Physiology- Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of Adrenal gland PY8.2 P4	Physiology(Tutorial/SGD/SDL) PY 7.8 Renal function tests
4-Sep		SUNDAY				
Date	Day	9:00 AM - 10:00 AM	10:00AM - 11:00AM	11:00AM - 1:00 PM	2:00 PM - 3:00 PM	3:00 PM - 5:00 PM
9/5/2022	Mon	AN - Histology: endocrine glands AN 43.2 Identify, describe and draw the microanatomy of pituitary gland, thyroid, parathyroid gland, tongue, salivary glands, tonsil, epiglottis, retina, cornea	Physiology- Describe and discuss somatic sensations & sensory tracts PY10.3 P1	Y 5.12 (DOAP) Effect of exercise on Blood Pressure PY (DOAP) - Autonomic function testing PY 5.14 (C+A)	BI Autoanalyzer B11.16 Demonstration of Autoanalyzer	ECE - Anatomy
9/6/2022	Tue	AN Lecture: Suboccipital triangle AN 42.2 Describe & demonstrate the boundaries and contents of Suboccipital triangle	BI Minerals and their metabolism-1 BI6.9 Describe the functions of various minerals in the body, their metabolism and homeostasis. Nesting with GM Sharing with Physio	PY 5.12 (DOAP) Effect of posture on Blood Pressure PY (DOAP) - Measurement of PEFR PY 6.10 (A+B)	BI Autoanalyzer B11.16 Demonstration of Autoanalyzer	AN- DOAP - Norma frontalis AN 26.2 Describe the features of norma frontalis, verticalis, occipitalis, lateralis and basalis AN - Dissection: Suboccipital triangle AN 42.2 Describe & demonstrate the boundaries and contents of Suboccipital triangle (Histology Practical)
9/7/2022	Wed	BI Minerals and their metabolism-2 BI6.9 Describe the functions of various minerals in the body, their metabolism and homeostasis. Nesting with GM Sharing with Physio	Physiology- Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of Adrenal gland PY8.2 P5	PY 5.12 (DOAP) Effect of posture on Blood Pressure PY (DOAP) - Measurement of PEFR PY 6.10 (B+C)	BI Autoanalyzer B11.16 Demonstration of Autoanalyzer	AN-DOAP - Norma basalis 1 AN 26.2 Describe the features of norma frontalis, verticalis, occipitalis, lateralis and basalis AN - Dissection: Suboccipital triangle AN 42.2 Describe & demonstrate the boundaries and contents of Suboccipital triangle (Histology Practical)
9/8/2022	Thu	Physiology- Describe and discuss somatic sensations & sensory tracts PY10.3 P2	AN - Development of CNS 1 AN 64.2, 64.3 describe the development of neural tube, spinal cord, medulla oblongata, pons, midbrain, cerebral hemisphere, cerebellum Describe various types of open neural tube defects with its embryological basis	AN - Dissection - Anterior triangle of neck AN 32.1, 32.2 Describe boundaries and subdivisions of anterior triangle Describe & demonstrate boundaries and contents of muscular, carotid, digastric and submental triangles (Histology Practical)	AN - DOPA - Norma basalis 2 AN 26.2 Describe the features of norma frontalis, verticalis, occipitalis, lateralis and basalis	BI Electrolyte balance & disorders by Critical care expert Guest Lecture SGD
9/9/2022	Fri	Physiology- Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of Adrenal gland PY8.2 P6	AN - Lecture: Anterior triangle of neck AN 32.1, 32.2 Describe boundaries and subdivisions of anterior triangle Describe & demonstrate boundaries and contents of muscular, carotid, digastric and submental triangles	AN - Dissection - Anterior triangle of neck AN 32.1, 32.2 Describe boundaries and subdivisions of anterior triangle Describe & demonstrate boundaries and contents of muscular, carotid, digastric and submental triangles (Histology Practical)	BI6.10 SDL Enumerate and describe the disorders associated with mineral metabolism.	Physiology(Tutorial/SGD/SDL) PY 10.2 Synapse
9/10/2022	Sat	AN SDL: Suboccipital triangle, anterior triangle of neck	AN- Revision: Dural venous sinuses, Pituitary gland	Self Directed Learning(SDL) Role of environment in health	Internal Assessment examination	Physiology- Describe and discuss somatic sensations & sensory tracts PY10.3 P3 AN -ECE- Thyroid, Face
11-Sep		SUNDAY				

Date	Day	9:00 AM - 10:00 AM	10:00AM - 11:00AM	11:00AM - 1:00 PM		2:00 PM -3:00 PM	3:00 PM - 5:00 PM
9/12/2022	Mon	AN - Histology Revision Excretory System, Reproductive system	Physiology- Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of Adrenal gland PY8.2 P6	PY 5.12 (DOAP) Effect of posture on Blood Pressure PY (DOAP) - Measurement of PEFR PY 6.10 (C+A)	BI Identification & uses of Laboratory Equipments Formative assesment	AN DOAP- Foetal skull AN 26.1,26.2 demonstrate anatomical position of the skull, fontanelle	Dissection -AN - Suboccipital triangle
9/13/2022	Tue	AN-Lecture: Dural venous sinuses AN 30.3,30.4 Describe & identify dural folds & dural venous sinuses Describe clinical importance of dural venous sinuses	BI Disorders related to mineral metabolism INT GM BI6.10 Enumerate and describe the disorders associated with mineral metabolism.	PY 5.12 (DOAP) Effect of posture on Blood Pressure PY (DOAP) - Measurement of PEFR PY 6.10 (A+B)	BI Identification & uses of Laboratory Equipments Formative assesment	Physiology(Tutorial/SGD/SDL) PY 8.2 Hypothyroidism	AN DOAP- Foetal skull AN 26.1,26.2 demonstrate anatomical position of the skull, fontanelle
9/14/2022	Wed	BI Demonstration of pH meter & ISE DEMO BI11.16 Observe use of commonly used equipments/techniques in biochemistry Demonstration of pH meter & ISE	Physiology- Describe and discuss somatic sensations & sensory tracts PY10.3 P4	PY 5.12 (DOAP) Effect of posture on Blood Pressure PY (DOAP) - Measurement of PEFR PY 6.10 (B+C)	BI Identification & uses of Laboratory Equipments Formative assesment	AN-DOAP - Pituitary gland AN 30.5 Explain effect of pituitary tumours on visual pathway	AN -Dissection Pituitary gland AN 30.5 Explain effect of pituitary tumours on visual pathway (Histology Practical Batch - B)
9/15/2022	Thu	Physiology- Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of Adrenal gland PY8.2 P7	AN 64.2,64.3 describe the development of neural tube,spinal cord,medulla oblongata,pons,midbrain,cerebellum describe various types of open neural tube defects with its embryological	AN -Dissection Pituitary gland AN 30.5 Explain effect of pituitary tumours on visual pathway (Histology Practical)		AN-DOAP - Pituitary gland AN 30.5 Explain effect of pituitary tumours on visual pathway	BI Seminar- Inborn errors of Metabolism of carbohydrates, lipids, proteins
9/16/2022	Fri	Physiology- Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of Adrenal gland PY8.2 P8	AN Lecture: Thyroid gland INT General Surgery, PY, BI AN 35.2,35.8 Describe & demonstrate location, parts, borders, surfaces, relations & blood supply of thyroid gland Describe the anatomically relevant clinical features of Thyroid swellings	AN - Dissection Midline structures in neck (Histology Practical)		Early Clinical Exposure- Biochemistry	
9/17/2022	Sat	AN SDL: Suboccipital triangle, anterior triangle of neck	AN- Revision:Dural venous sinuses, Pituitary gland	(Community Medicine) Lecture-Concept of disease & causation	(Community Medicine) Lecture-Concept of prevention & modes of intervention	Physiology- Describe and discuss motor tracts, mechanism of maintenance of tone, control of body movements, posture and equilibrium & vestibular apparatus PY10.4 P1	Physiology(Tutorial/SGD/SDL) PY 10.3 Sensory tracts
18-Sep SUNDAY							
Date	Day	9:00 AM - 10:00 AM	10:00AM - 11:00AM	11:00AM - 1:00 PM		2:00 PM -3:00 PM	3:00 PM - 5:00 PM
9/19/2022	Mon	AN - Histology Revision Excretory System, Reproductive system	Physiology- Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of Adrenal gland PY8.2 P9 Physiology- Describe function tests: Adrenal cortex, Adrenal medulla PY8.4	PY 5.12 (DOAP) Effect of posture on Blood Pressure PY (DOAP) - Measurement of PEFR PY 6.10 (C+A)	BI Estimation of blood glucose level by GOD-POD method colorimetrically Revision	AN DOAP- Foetal skull AN 26.1,26.2 demonstrate anatomical position of the skull, fontanelle	Dissection -AN - Suboccipital triangle
9/20/2022	Tue	AN-Lecture: Dural venous sinuses AN 30.3,30.4 Describe & identify dural folds & dural venous sinuses Describe clinical importance of dural venous sinuses	BI Liver function tests BI6.13, BI6.14, BI6.15 Liver functions, tests and disorders ALN Anat, Physio Int GM & Path	PY 5.15 (DOAP) Clinical Examination of CVS 1. PY (DOAP) - PY 10.11 Clinical Examination of higher functions (A+B)	BI Estimation of blood glucose level by GOD-POD method colorimetrically Revision	Physiology- Describe and discuss motor tracts, mechanism of maintenance of tone, control of body movements, posture and equilibrium & vestibular apparatus PY10.4 P2	AN- Dissection - Dural folds & Dural venous sinuses AN 30.3 Describe & identify dural folds & dural venous sinuses SGD

9/21/2022	Wed	BI Kidney function tests BI6.13, BI6.14, BI6.15 Kidney functions, tests and disorders ALN Anat, Physio Int GM & Path	Physiology- Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of Adrenal gland PY8.2 P10 Physiology- Describe function tests: Adrenal cortex, Adrenal medulla PY 8.4	PY 5.15 (DOAP) Clinical Examination of CVS 1. PY (DOAP) – PY 2.11 10.11 Clinical Examination of higher functions (B+C)	BI Estimation of blood glucose level by GOD-POD method colorimetrically Revision	AN DOAP -Skull Revision AN - Dissection Parotid region AN 28.9 Describe & demonstrate the parts, borders, surfaces, contents, relations and nerve supply of parotid gland with course of its duct and surgical importance (Histology Practical Batch - B)
9/22/2022	Thu	Physiology- Describe and discuss motor tracts, mechanism of maintenance of tone, control of body movements, posture and equilibrium & vestibular apparatus PY10.4 P3	AN development of eyeball and ear AN 43.4 Describe the development and developmental basis of congenital anomalies of face, palate, tongue, branchial apparatus, pituitary gland, thyroid gland & eye	AN- Dissection TM joint AN 33.3 Describe & demonstrate articulating surface, type & movements of temporomandibular joint (Histology Practical Batch - C)	BI Thyroid Gland SGD(Linker/CD)	demonstrate attachments, direction of fibres, nerve supply and actions of muscles of mastication Describe & demonstrate articulating surface, type
9/23/2022	Fri	Physiology- Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of Adrenal gland PY8.2 P11	AN Lecture: - Embryological CNS	Dissection -AN -Suboccipital triangle Histology	BI Thyroid function tests BI6.13, BI6.14, BI6.15 Thyroid Gland functions, tests and abnormalities. ALN Anat, Physio Int GM & Path	Physiology(Tutorial/SGD/SDL) PY10.3 Receptors
9/24/2022	Sat	AN -SDL: thyroid gland	AN- Revision: Pharyngeal arches	Visits / Small group discussion(Batch I)-ICTC Visits / Small group discussion(Batch II)-PHC Visits / Small group discussion(Batch III)-CSSD	Physiology- Describe function tests: Adrenal cortex, Adrenal medulla PY8.4 Biochemistry Integrated class	SDL- Anatomy
25-Sep						
SUNDAY						
Date	Day	9:00 AM - 10:00 AM	10:00AM - 11:00AM	11:00AM - 1:00 PM	2:00 PM -3:00 PM	3:00 PM - 5:00 PM
9/26/2022	Mon	AN Lecture Histology : Special senses AN43.3 Identify, describe and draw microanatomy of olfactory epithelium, eyelid,lip, sclero-corneal junction, optic nerve, cochlea- organ of corti, pineal gland	Physiology- Describe and discuss motor tracts, mechanism of maintenance of tone, control of body movements, posture and equilibrium & vestibular apparatus PY10.4 P4	PY 5.15 (DOAP) Clinical Examination of CVS 1. PY (DOAP) – PY 2.11 10.11 Clinical Examination of higher functions (C+A)	BI ELISA Demo BI11.16 Observe use of commonly used equipments/techniques in biochemistry - ELISA	AN- DOAP - Bony Orbit, contents of orbit, Ciliary ganglion AN 26.2,31.1,31.2,31.3,31.4,31.5 Describe the features of norma frontalis, verticalis, occipitalis, lateralis and basalis Describe & identify extra ocular muscles of eyeball Describe & demonstrate nerves and vessels in the orbit Describe anatomical basis of Horner's syndrome Enumerate components of lacrimal apparatus Explain the anatomical basis of oculomotor, trochlear and abducent nerve palsies along with strabismus
						AN - Dissection Orbit AN 31.1 Describe & identify extra ocular muscles of eyeball

9/27/2022	Tue	AN Lecture: Extraocular muscles INT Ophthalmology AN 31.1,31.5 Describe & identify extra ocular muscles of eyeball Explain the anatomical basis of oculomotor, trochlear and abducent nerve palsies along with strabismus	BI Adrenal gland function tests) BI6.13, BI6.14, BI6.15 Adrenal Gland functions, tests and abnormalities. ALN Anat, Physio Int GM & Path	PY 5.15 (DOAP) Clinical Examination of CVS 1. PY (DOAP) – PY 10.11 Clinical Examination of higher functions (A+B)	BI ELISA Demo BI11.16 Observe use of commonly used equipments/techniques in biochemistry - ELISA	Physiology- Describe the physiology of Thymus & Pineal Gland PY8.3	AN- DOAP - Bony Orbit, contents of orbit. Ciliary ganglion AN 26.2,31.1,31.2,31.3,31.4,31.5 Describe the features of normal frontalis, verticalis, occipitalis, lateralis and basalis Describe & identify extra ocular muscles of eyeball Describe & demonstrate nerves and vessels in the orbit Describe anatomical basis of Horner's syndrome Enumerate components of lacrimal apparatus Explain the anatomical basis of oculomotor, trochlear and abducent nerve palsies along with strabismus	AN: Dissection Extraocular muscles AN 31.1,31.5 Describe & identify extra ocular muscles of eyeball Explain the anatomical basis of oculomotor, trochlear and abducent nerve palsies along with strabismus (Histology Practical Batch - A)
9/28/2022	Wed	BI Molecular biology 2) BI7.2 Stages of transcription in prokaryotes and eukaryotes, prokaryotic post-transcriptional changes & it's inhibitors & it's significance	Physiology- Describe and discuss motor tracts, mechanism of maintenance of tone, control of body movements, posture and equilibrium & vestibular apparatus PY10.4 P5	PY 5.15 (DOAP) Clinical Examination of CVS 1. PY (DOAP) – PY 2.11 10.11 Clinical Examination of higher functions (B+C)	BI ELISA Demo BI11.16 Observe use of commonly used equipments/techniques in biochemistry - ELISA	AN -DOAP - Mandible AN 26.4 Describe morphological features of mandible	AN - Dissection Parotid region AN 28.9 Describe & demonstrate the parts, borders, surfaces, contents, relations and nerve supply of parotid gland with course of its duct and surgical importance (Histology Practical Batch - B)	
9/29/2022	Thu	Physiology- Describe the metabolic and endocrine consequences of obesity & metabolic syndrome, Stress response. Outline the psychiatry component pertaining to metabolic syndrome PY8.5	AN development of eyeball and ear AN 43.4 Describe the development and developmental basis of congenital anomalies of face, palate, tongue, branchial apparatus, pituitary gland, thyroid gland & eye	AN- Dissection TM joint AN 33.3 Describe & demonstrate articulating surface, type & movements of temporomandibular joint (Histology Practical)		AN -DOAP - Temporomandibular(TM) joint and muscles of mastication INT General Surgery AN 33.2,33.3,33.5 Describe & demonstrate attachments, direction of fibres, nerve supply and actions of muscles of mastication Describe & demonstrate articulating surface, type & movements of temporomandibular joint Describe the features of dislocation of temporomandibular joint	BI Molecular biology 2 BI7.2 Stages of transcription in prokaryotes and eukaryotes, prokaryotic post-transcriptional changes & it's inhibitors & it's significance BI11.16 DNA Isolation from blood/ tissue DNA Isolation from blood/ tissue- DEMO	
9/30/2022	Fri	Physiology- Describe and discuss structure and functions of reticular activating system, autonomic nervous system (ANS) PY10.5 P1	AN LectureParotid gland & otic ganglion AN 28.9,28.10 Describe & demonstrate the parts, borders, surfaces, contents, relations and nerve supply of parotid gland with course of its duct and surgical importance Explain the anatomical basis of Frey's syndrome	AN - Dissection Infratemporal region AN 33.2 Describe & demonstrate attachments, direction of fibres, nerve supply and actions of muscles of mastication (Histology Practical)		Early Clinical Exposure- Biochemistry		
						BI Molecular biology SDL BI7.2 Inhibitors of replication and transcription and their significance SDL	Physiology(Tutorial/SGD/SDL) PY 8.2 Diabetes mellitus	
10/1/2022	Sat	AN SDL: Carotid triangle, TM joint	AN Revision: Bony orbit and Extraocular muscles	Visits / Small group discussion(Batch II)- ICTC Visits / Small group discussion(Batch III)- PHC Visits / Small group discussion(Batch I)- CSSD		Physiology- Describe & differentiate the mechanism of action of steroid, protein and amine hormones PY8.6	Physiology(Tutorial/SGD/SDL) PY 8.1 Calcium Metabolism	
2-Oct		SUNDAY						
Date	Day	9:00 AM - 10:00 AM	10:00AM - 11:00AM	11:00AM - 1:00 PM		2:00 PM -3:00 PM	3:00 PM - 5:00 PM	
10/3/2022	Mon	AN LectureHistology of CNS AN 64.1 Describe & identify microanatomical features of spinal cord, cerebellum, cerebrum	Physiology- Describe and discuss structure and functions of reticular activating system, autonomic nervous system (ANS) PY10.5 P2	PY 5.15 (DOAP) Clinical Examination of CVS 1. PY (DOAP) – PY 2.11 10.11 Clinical Examination of higher functions (C+A)	BI Estimation of total protein and A:G ratio Revision	ECE - Anatomy		
10/4/2022	Tue	AN Lecture-Submandibular region, submandibular gland & ganglion AN 34.1,34.2 Describe & demonstrate the morphology, relations and nerve supply of submandibular salivary gland & submandibular ganglion Describe the basis of formation of submandibular stones	BI Molecular biology 3) BI7.3 Gene mutations and basic mechanism of regulation of gene expression. INT Pedia	PY 4.10 (DOAP) Clinical Examination of Abdomen. PY (DOAP) – PY 10.11 Clinical examination of Sensory system (A+B)	BI Estimation of total protein and A:G ratio Revision	AN -DOAP : Mandible AN 26.4 Describe morphological features of mandible	AN -Dissection - Submandibular region AN 34.1 Describe & demonstrate the morphology, relations and nerve supply of submandibular salivary gland & submandibular ganglion (Histology Practical Batch - A)	

10/5/2022	Holiday					<div>BI</div> <div>Molecular biology 5 BI7.4</div> <div>Mechanism of PCR & it's Medical application</div> <div>INT Pedia & GM BI</div> <div>Chromosomal anomalies</div> <div>ECE (CD)</div>			
10/6/2022	Thu	Physiology- Describe and discuss sex determination; sex differentiation and their abnormities and outline psychiatry and practical implication of sex determination PY9.1 Anatomy	AN lecture Derivatives of endoderm, ectoderm, mesoderm	AN - Dissection- Pharynx sagittal section of Head and Neck AN 36.2,36.3 Describe the components and functions of Waldeyer's lymphatic ring Describe the boundaries and clinical significance of pyriform fossa (Histology Practical)					
10/7/2022	Fri	Describe & discuss Spinal cord, its functions, lesion & sensory disturbances PY 10.6 P1	AN Lecture:Lateral wall of nose & nasal septum INT ENT AN 37.1 Describe & demonstrate features of nasal septum, lateral wall of nose,their blood supply and nerve supply	AN - Dissection- Lateral wall of nose: sagittal section of Head and Neck AN 37.1 Describe & demonstrate features of nasal septum, lateral wall of nose,their blood supply and nerve supply (Histology Practical Batch - D)					
10/8/2022	Holiday								
9-Oct						SUNDAY			
Date	Day	9:00 AM - 10:00 AM	10:00AM - 11:00AM	11:00AM - 1:00 PM		2:00 PM -3:00 PM		3:00 PM - 5:00 PM	
10/10/2022	Mon	AN LectureHistology : Revision	Physiology- Describe and discuss puberty: onset, progression, stages; early and delayed puberty and outline adolescent clinical and psychological association PY9.2	P Y 4.10 (DOAP) Clinical Examination of Abdomen. PY (DOAP) - PY 10.11 Clinical examination of sensory system (B+C)	BI Estimation of total protein and A:G ratio Revision	ECE-Anatomy			
10/11/2022	Tue	AN Lecture: Pharynx 2 AN36.2,36.3,36.4,36.5 Describe the components and functions of Waldeyer's lymphatic ring Describe the boundaries and clinical significance of pyriform fossa Describe the anatomical basis of tonsillitis, tonsillectomy, adenoids and peritonsillar abscess Describe the clinical significance of Killian's dehiscence	BI Molecular biology 4 BI7.4 Recombinant DNA technology & it's Medical application, DNA library Nesting INT Pedia & GM	P Y 4.10 (DOAP) Clinical Examination of Abdomen. PY (DOAP) - PY 10.11 Clinical examination of sensory system (C+A)	BI11.16 Demonstration of TLC, PAGE				Describe & discuss Spinal cord, its functions, lesion & sensory disturbances PY 10.6 P2
10/12/2022	Wed	BI Xenobiotics 1) BI7.5 Meaning and mechanism of Detoxification and biotransformation	Physiology- Describe male reproductive system: functions of testis and control of spermatogenesis & factors modifying it and outline its association with psychiatric illness PY9.3 P1	P Y 4.10 (DOAP) Clinical Examination of Abdomen. PY (DOAP) - PY 10.11 Clinical examination of Sensory system (A+B)	BI11.16 Demonstration of TLC, PAGE	AN - DOAP: palatine Tonsils & Waldeyers lymphatic ring AN 36.1,36.2,36.4 Describe the 1) morphology, relations, blood supply and applied anatomy of palatine tonsil 2) composition of soft palate Describe the components and functions of Waldeyer's lymphatic ring Describe the anatomical basis of tonsillitis, tonsillectomy, adenoids and peri-tonsillar abscess BI8.4 Causes, effects and health risk associated with obesity			
10/13/2022	Thu	Anatomy 2nd Term Examination (Theory)					Time : 10 to 1 PM		
10/14/2022	Fri	Physiology 2nd Term Examination (Theory)					Time : 10 to 1 PM		
10/15/2022	Sat	Bio-Chemistry 2nd Term Examination (Theory)					Time : 10 to 1 PM		
16-Oct						SUNDAY			
Date	Day	9:00 AM - 10:00 AM	10:00AM - 11:00AM	11:00AM - 1:00 PM		2:00 PM -3:00 PM		3:00 PM - 5:00 PM	
10/17/2022	Mon	Anatomy 2nd Term Examination (Practical)					Time 9 AM to 4PM		
10/18/2022	Tue	Physiology 2nd Term Examination (Practical)					Time 9 AM to 4PM		
10/19/2022	Wed	Bio-Chemistry 2nd Term Examination (Practical)					Time 9 AM to 4PM		
10/20/2022	Thu	AN - Lecture: Embryology-Development of tongue and thyroid INT Paediatrics, General Surgery AN 43.4 describe development and developmental basis of congenital anomalies of face, palate, tongue,branchial apparatus,pituitary	Physiology- Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormalities PY10.7 P1	AN Dissection: Palatine tonsils AN 36.1 Describe the 1) morphology, relations, blood supply and applied anatomy of palatine tonsil 2) composition of soft palate AN- Dissection:Revision (Histology Practical Batch - C)		Waldeyer's lymphatic ring AN 36.1,36.2,36.4 Describe the 1) morphology, relations, blood supply and applied anatomy of palatine tonsil 2) composition of soft palate Describe the components and functions of Waldeyer's lymphatic ring Describe the anatomical basis of tonsillitis, tonsillectomy, adenoids and peri-tonsillar abscess BI8.4 Causes, effects and health risk	BI Inhibitors of Translation and Genetic Mutation Formative assesment (Tutorial) BI Inhibitors of Translation and Genetic Mutation Formative assesment (Tutorial)		

		gland,thyroid gland,eyeball				Early Clinical Exposure- Biochemistry	
10/21/2022	Fri	<p>Physiology- Describe male reproductive system: functions of testis and control of spermatogenesis & factors modifying it and outline its association with psychiatric illness PY9.3 P2</p> <p>Physiology- Interpret a normal semen analysis report including (a) sperm count, (b) sperm morphology and (c) sperm motility, as per WHO guidelines and discuss the results PY9.9</p>	<p>AN - Lecture Tympanic membrane & auditory tube INT ENT AN 40.1,40.2,40.4 Describe & identify the parts, blood supply and nerve supply of external ear Describe & demonstrate the boundaries, contents, relations and functional anatomy of middle ear and auditory tube Explain anatomical basis of otitis externa and otitis media Explain anatomical basis of myringotomy</p>	<p>AN Dissection: Palatine tonsils AN 36.1 Describe the 1) morphology, relations, blood supply and applied anatomy of palatine tonsil 2) composition of soft palate AN- Dissection:Revision (Histology Practical)</p>		<p>BI Xenobiotics SDL BI 7.5 Describe the role of xenobiotics in disease</p>	<p>Physiology(Tutorial/SGD/SDL) PY10.5 Autonomic Nervous System</p>
10/22/2022	Sat	<p>AN - Lecture: SDL: Paranasal sinuses,palate</p>	<p>AN - Lecture: Revision: palatine tonsils, tympanic membrane ,Auditory tube</p>	<p>Visits / Small group discussion(Batch III)- ICTC</p> <p>Visits / Small group discussion(Batch II)- PHC</p> <p>Visits / Small group discussion(Batch I)- CSSD</p>		<p>Physiology- Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormalities PY10.7 P2</p>	<p>SDL- Anatomy</p>
23-Oct		SUNDAY					
Date	Day	9:00 AM - 10:00 AM	10:00AM - 11:00AM	11:00AM - 1:00 PM		2:00 PM -3:00 PM	3:00 PM - 5:00 PM
10/24/2022	Holiday						
10/25/2022	Holiday						
10/26/2022	Wed	<p>BI Nutrition 1 BI8.1 Importance of carbohydrates, lipids, proteins & vitamins. Dietary fibres and their importance Nesting</p>	<p>Physiology-Describe female reproductive system: (a) functions of ovary and its control; (b) menstrual cycle - hormonal, uterine and ovarian changes PY9.4</p>	<p>P Y 4.10 (DOAP) Clinical Examination of Abdomen. PY (DOAP) – PY 10.11 Clinical examination of sensory system (B+C)</p>	<p>BI11.16 Demonstration of TLC, PAGE</p>	<p>AN - DOAP: palatine Tonsils & Waldeyers lymphatic ring AN 36.1,36.2,36.4 Describe the 1) morphology, relations, blood supply and applied anatomy of palatine tonsil 2) composition of soft palate Describe the components and functions of Waldeyer's lymphatic ring Describe the anatomical basis of tonsillitis, tonsillectomy, adenoids and peri-tonsillar abscess BI8.4 Causes, effects and health risk associated with obesity</p>	<p>AN - Dissection- Lateral wall of nose: sagittal section of Head and Neck AN 37.1 Describe & demonstrate features of nasal septum, lateral wall of nose,their blood supply and nerve supply (Histology Practical)</p>
10/27/2022	Thu	<p>Physiology- Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormalities PY10.7 P3</p>	<p>General Surgery AN 43.4 describe development and developmental basis of congenital anomalies of face, palate, tongue,branchial</p>	<p>AN - Dissection- Lateral wall of nose: sagittal section of Head and Neck AN 37.1 Describe & demonstrate features of nasal septum, lateral wall of nose,their blood supply and nerve supply (Histology Practical Batch - C)</p>		<p>AN -DOAP: Revision Interior of Skull</p>	<p>BI Genetics Formative assesment (Short answers & MCQ's)</p>
						Early Clinical Exposure- Biochemistry	
10/28/2022	Fri	<p>Physiology- Describe and discuss the physiological effects of sex hormones PY9.5</p>	<p>AN- Lecture: Revision Posterior Triangle of Neck</p>	<p>AN - Dissection- Lateral wall of nose: sagittal section of Head and Neck AN 37.1 Describe & demonstrate features of nasal septum, lateral wall of nose,their blood supply and nerve supply (Histology Practical Batch - D)</p>		<p>BI Nutrition 2 BI8.2 Protein energy malnutrition. causes and effects Kwashiorker and Marasmus INT Pedia</p>	<p>Physiology(Tutorial/SGD/SDL) PY 10.7 Cerebral Cortex</p>
10/29/2022	Sat	<p>AN - Lecture: Anterior triangle of neck AN 32.1,32.2 Describe boundaries and subdivisions of anterior triangle Describe & demonstrate boundaries and contents of muscular, carotid,digastric and submental</p>	<p>AN - Lecture: revision Carotid triangle</p>	<p>(Community Medicine) Self Directed Learning (SDL) Health functionary working at grass root level, HIV counseling</p>		<p>Physiology(Tutorial/SGD/SDL) PY 9.1 Sex Differentiation and Determination</p>	<p>Sports</p>
30-Oct		SUNDAY					
Date	Day	9:00 AM - 10:00 AM	10:00AM - 11:00AM	11:00AM - 1:00 PM		2:00 PM -3:00 PM	3:00 PM - 5:00 PM

10/31/2022	Mon	AN - Lecture:- Histology revision Gland Respiratory System	Physiology- Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormalities PY10.7 P4	P Y 4.10 (DOAP) Clinical Examination of Abdomen. PY (DOAP) – PY 10.11 Clinical examination of sensory system (C+A)	BI Estimation of uric acid DOAP	AN DOAP Larynx: external features, cartilages, Muscles AN 38.1 Describe the morphology, identify structure of the wall, nerve supply, blood supply and actions of intrinsic and extrinsic muscles of the larynx AN - Dissection :Revision ECE	AN Dissection -Larynx: Cavity, Blood supply, nerve supply, lymphatic drainage, applied anatomy AN 38. 1, 38.2, 38.3 Describe the morphology, identify structure of the wall, nerve supply, blood supply and actions of intrinsic and extrinsic muscles of the larynx Describe the anatomical aspects of laryngitis Describe anatomical basis of recurrent laryngeal nerve injury
11/1/2022	Tue	AN -Lecture : Larynx AN 38.1 Describe the Cavity, Blood supply, nerve supply, lymphatic drainage, applied anatomy	BI Antioxidants BI7.6 Anti-oxidant defence systems in the body	PY 10.11 (DOAP) Clinical examination of motor system PY 10.11 Clinical examination of reflexes (A+B)	BI Estimation of uric acid DOAP	AN DOAP : Middle ear AN 40.2 Describe & demonstrate the boundaries, contents, relations and functional anatomy of middle ear and auditory tube	AN -Dissection: Larynx AN 38.1 Describe the morphology, identify structure of the wall, nerve supply, blood supply and actions of intrinsic and extrinsic muscles of the larynx (Histology Practical Batch - A)
11/2/2022	Wed	BI Oxidative stress-Free radicals BI7.7 Free radicals, biological sources of reactive oxygen species (ROS) and oxidative damage. INT GM, Path	Physiology- Enumerate the contraceptive methods for male and female. Discuss their advantages & disadvantages PY9.6 OBG Integrated Class Physiology- Describe and discuss the effects of removal of gonads on physiological functions PY9.7	PY 10.11 (DOAP) Clinical examination of motor system PY 10.11 Clinical examination of reflexes (B+C)	BI Estimation of uric acid DOAP	AN DOAP : Middle ear AN 40.2 Describe & demonstrate the boundaries, contents, relations and functional anatomy of middle ear and auditory tube	AN -Dissection: Larynx AN 38.1 Describe the morphology, identify structure of the wall, nerve supply, blood supply and actions of intrinsic and extrinsic muscles of the larynx (Histology Practical Batch - B)
11/3/2022	Thu	Physiology- Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormalities PY10.7 P5	AN - Lecture:-Revision Excretory System	AN -Dissection: Larynx AN 38.1 Describe the morphology, identify structure of the wall, nerve supply, blood supply and actions of intrinsic and extrinsic muscles of the larynx (Histology Practical Batch - C)		AN DOAP : Internal ear AN 40.3 Describe the features of internal ear	BI oxidative stress -Free radicals followed by tutorial BI7.7 Role of oxidative stress in the pathogenesis of cancer, diabetes mellitus and atherosclerosis, followed by tutorial ECE
11/4/2022	Fri	Physiology- Describe and discuss the physiology of pregnancy, parturition & lactation and outline the psychology and psychiatry-disorders associated with it. PY9.8 OBG Integrated class	AN Lecture: Eyeball AN 41.1, 41.2, 41.3 Describe & demonstrate parts and layers of eyeball Describe the anatomical aspects of cataract, glaucoma & central retinal artery occlusion Describe the position, nerve supply and actions of intraocular muscles	AN Dissection - Eyeball AN 41.1 Describe & demonstrate parts and layers of eyeball (Histology Practical Batch - D)		Early Clinical Exposure- Physiology(1st Friday)	
11/5/2022	Sat	AN - Lecture:Revision SDL: Larynx	AN Revision: Middle ear and internal ear	AETCOM – Module 1.3 The doctor-patient relationship i) Large group session		Physiology(Tutorial/SGD/SDL) PY 9.3 Spermatogenesis	AN Dissection - Eyeball
6-Nov		SUNDAY					
Date	Day	9:00 AM - 10:00 AM	10:00AM - 11:00AM	11:00AM - 1:00 PM		2:00 PM -3:00 PM	3:00 PM - 5:00 PM
11/7/2022	Mon	AN - Lecture: Histology : Revision Digestive system	Physiology- Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormalities PY10.7 P6	PY 10.11 (DOAP) Clinical examination of motor system PY 10.11 Clinical examination of reflexes (C+A)	BI Spotting(Photographs/Charts/ Equipments/ Graphs)	ECE-Anatomy	
11/8/2022		Holiday					

11/9/2022	Wed	BI Oncogenesis 1 BI10.1 Characteristics of cancer cell, carcinogenesis initiator and promoter of carcinogens	Physiology- Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormalities PY10.7 P6	PY 10.11 (DOAP) Clinical examination of motor system PY 10.11 Clinical examination of reflexes (A+B)	BI Spotting(Photographs/Charts/ Equipments/Graphs)	AN DOAP: Spinal cord External features,Blood supply AN 57.1,57.2,57.3,57.5 Identify external features of spinal cord Describe extent of spinal cord in child & adult with its clinical implication Draw & label transverse section of spinal cord at mid-cervical & midthoracic level Describe anatomical basis of syringomyelia	AN- Dissection - spinal cord AN 57.1 Identify external features of spinal cord (Histology Practical Batch - B)
11/10/2022	Thu	Physiology- Discuss the physiological basis of various pregnancy tests PY9.10 Physiology- Discuss the hormonal changes and their effects during perimenopause and menopause PY 9.11 OBG intigration	AN - Lecture: Spinal cord- Descending tracts INT Medicine, PY AN 57.4 Enumerate ascending & descending tracts at mid thoracic level of spinal cord	AN -Dissection - spinal cord AN 57.1 Identify external features of spinal cord (Histology Practical Batch - C)		AN DOAP - Medulla external features AN 58.1 Identify external features of medulla oblongata	BI Balanced diet in health and diseases Guest lecture by Dietician followed by SGD BI8.3 Balanced diet in childhood, adult & pregnancy and in diabetes mellitus & coronary artery disease.
11/11/2022	Fri	Physiology- Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormalities PY10.7 P7	AN- Lecture - Revision: Anterior abdominal wall and rectus sheath, Inguinal canal	AN-Dissection - Scrotum & Testis AN 46.1,46.2,46.3 Testis, its covering Epididymis Penis		BI Obesity SDL BI8.4 Causes, effects and health risk associated with obesity	Physiology(Tutorial/SGD/SDL) PY 10.4 Motor Tracts
11/12/2022	Sat	AN- Lecture: Scrotum & Testis AN 46.1,46.2,46.3,46.4,46.5 Describe and Demonstrate coverings, internal structure, side determination, blood	AN- Lecture - Revision: Anterior abdominal wall and rectus sheath, Inguinal canal	AETCOM – Module 1.3 The doctor-patient relationship ii) Self-directed learning		Physiology(Tutorial/SGD/SDL) PY 9.4 Menstrual Cycle	SGD- BI. 4.3, BI 4.4 Lipid Metabolism
13-Nov							
SUNDAY							
Date	Day	9:00 AM - 10:00 AM	10:00AM - 11:00AM	11:00AM - 1:00 PM		2:00 PM - 3:00 PM	3:00 PM - 5:00 PM
11/14/2022	Mon	AN- Histology - Muscle AN 67.1,67.2,67.3 Describe & identify various types of muscle under the microscope Classify muscle and describe the structure-function correlation of the same Describe the ultrastructure of muscular tissue	Physiology- Discuss the common causes of infertility in a couple and role of IVF in managing a case of infertility. PY9.12 OBG intigration	PY 10.11 (DOAP) Clinical examination of motor system PY 10.11 Clinical examination of reflexes (B+C)	BI Spotting(Photographs/Charts/ Equipments/Graphs)	AN DOAP: Spinal cord External features,Blood supply AN 57.1,57.2,57.3,57.5 Identify external features of spinal cord Describe extent of spinal cord in child & adult with its clinical implication Draw & label transverse section of spinal cord at mid-cervical & midthoracic level Describe anatomical basis of syringomyelia	AN - ECE- Rectus Sheath, Inguinal Canal, scrotum and Testis
11/15/2022	Tue	AN- Lecture Peritoneum I - Introduction , horizontal and vertical tracing AN 47.1,47.2,47.3 Describe & identify boundaries and recesses of Lesser & Greater sac Name & identify various peritoneal folds & pouches with its explanation Explain anatomical basis of Ascites & Peritonitis	BI Oncogenesis 2 BI10.1 Oncogenes and proto-oncogenes, tumor suppressor genes and retinoblastoma (RB) and p53 apoptosis Nesting, INT GS,Obg&Gyn,PATH	PY 10.11 (DOAP) Clinical examination of motor system PY 10.11 Clinical examination of reflexes (C+A)	BI Estimation of urea Skill assesment	Physiology- Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormalities PY10.7 P8	AN- SGD Peritoneum II - Introduction , horizontal and vertical tracing AN 47.1,47.2,47.3 Describe & identify boundaries and recesses of Lesser & Greater sac Name & identify various peritoneal folds & pouches with its explanation Explain anatomical basis of Ascites & Peritonitis

11/16/2022	Wed	BI Tumor markers BI10.2 Tumor markers and the biochemical basis of cancer therapy	Physiology- Describe and discuss mechanism of temperature regulation PY11.1	PY 10.11 Clinical examination of cranial nerves- I PY 10.11 Clinical examination of cranial nerves- II (A+B)	BI Estimation of urea Skill assesment	AN- DOAP - Sacrum AN 53.1 Identify the given bone, important features & keep it in anatomical position Identify & describe joints formed by the given bone Demonstrate important muscle attachment on the given bone	AN- Dissection - Peritoneum AN 47.1,47.2 Boundaries and recesses of Lesser & Greater sac Identify various peritoneal folds & pouches
11/17/2022	Thu	Physiology- Describe and discuss behavioural and EEG characteristics during sleep and mechanism responsible for its production PY10.8 P1	Development of heart - I AN 25.2, 25.4, 25.5 Describe development of heart Describe embryological basis of: atrial septal defect, ventricular septal defect, fallot's tetralogy, tracheo-oesophageal fistula Describe developmental basis of congenital anomalies, transposition of great vessels, dextrocardia, patent ductus arteriosus and coarctation of aorta	AN -Dissection- Histology Practical : Bone		AN DOAP:- Spinal cord External features,Blood supply AN 57.1,57.2,57.3,57.5 Identify external features of spinal cord Describe extent of spinal cord in child & adult with its clinical implication Draw & label transverse section of spinal cord at mid-cervical & midthoracic level Describe anatomical basis of syringomyelia	BI chemotherapy, radiotherapy, hormonal therapy, targeted drug therapy and immunotherapy Guest lecture by Oncologist BI10.2 Protocol of chemotherapy, radiotherapy, hormonal therapy, targeted drug therapy and immunotherapy
11/18/2022	Fri	Physiology- Describe and discuss adaptation to altered temperature (heat and cold) PY11.2 Physiology-Describe and discuss mechanism of fever, cold injuries and heat stroke PY11.3	AN - lecture: Spleen AN 47.5,47.6 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's Sign Anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects	AN - Dissection: Spleen AN 47.5,47.6 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's Sign Anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects		Early Clinical Exposure- Biochemistry	
						BI Immunity 1 BI10.3 Immune System- innate and adaptive immune systems (components-cellular and humoral) Nesting	Physiology(Tutorial/SGD/SDL) PY 10.7 Cerebellum
11/19/2022	Sat	AN- SDL Stomach I-External features, relations AN- Lecture- Stomach: Blood supply, Lymphatic drainage,Nerve supply & applied anatomy AN 47.5 Anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects	AN - SDL- Stomach: Blood supply, Lymphatic drainage ,Nerve supply & applied anatomy AN 47.5,47.6 Anatomical position,external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects Different	(Community Medicine) AETCOM – Module 1.3 The doctor-patient relationship iii) Interactive discussions		Physiology(Tutorial/SGD/SDL) PY 10.7 Basal Ganglia	AN - Dissection: Spleen AN 47.5,47.6 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's Sign Anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects
20-Nov							
Date	Day	9:00 AM - 10:00 AM	10:00AM - 11:00AM	11:00AM - 1:00 PM		2:00 PM -3:00 PM	3:00 PM - 5:00 PM
11/21/2022	Mon	AN-Histology- Lymphoid system AN 70.2Identify the lymphoid tissue under the microscope & describe microanatomy of lymph node, spleen, thymus, tonsil and correlate the structure with function	Physiology- Describe and discuss behavioural and EEG characteristics during sleep and mechanism responsible for its production PY10.8 P2	PY 10.11 Clinical examination of cranial nerves- I PY 10.11 Clinical examination of cranial nerves- II (B+C)	BI Estimation of urea Skill assesment	AN-DOAP - Small intestine AN 47.5 Different parts of small intestine, mesentery, Meckel's Diverticulum	AN - Dissection - Small intestine AN 47.5 Anatomical position,parts, mesentery, arterial arcade
11/22/2022	Tue	AN-Caecum & appendix AN 47.5,47.6 Anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects Referred pain around umbilicus, Appendicitis, appendectomy	BI Immunity 2 BI10.3 Types, structure and mechanism of immunoglobulins, Primary and Secondary response SGD	PY 10.11 Clinical examination of cranial nerves- I PY 10.11 Clinical examination of cranial nerves- II (C+A)	BI Constituents of abnormal urine Skill assesment	Physiology- Describe and discuss cardio-respiratory and metabolic adjustments during exercise; physical training effects PY11.4 Physiology- Discuss & compare cardio-respiratory changes in exercise (isometric and isotonic) with that in the resting state and under different environmental conditions (heat and cold) PY11.8	AN-DOAP - Small intestine AN 47.5 Different parts of small intestine, mesentery, Meckel's Diverticulum AN - Dissection - Small intestine AN 47.5 Anatomical position,parts, mesentery, arterial arcade

11/23/2022	Wed	BI Immunity 3 BI10.4 Innate and adaptive immune responses, self/non-self recognition and the central role of T-helper cells in immune responses. INT GM ALN Physio	Physiology- Describe and discuss the physiological basis of memory, learning and speech PY10.9 P1	PY 10.11 Clinical examination of cranial nerves- III, IV, VI PY 10.11 Clinical examination of cranial nerve -V (A+B)	BI Constituents of abnormal urine Skill assesment	AN-DOAP -large intestine AN 47.5 Anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects AN 47.5 Anatomical position, parts, blood supply, flexures	AN -Dissection - Large intestine AN 47.5 Anatomical position, parts, blood supply, flexures
11/24/2022	Thu	Physiology- Describe and discuss physiological consequences of sedentary lifestyle PY11.5	Describe development of heart Describe embryological basis of: atrial septal defect, ventricular septal defect, fallot's tetralogy, tracheo-oesophageal fistula Describe developmental basis of congenital anomalies, transposition of great vessels, dextrocardia, patent ductus arteriosus	AN - Histology Practical : Muscle		AN-DOAP- Liver AN 47.5,47.6 anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects, Couinaud hepatic segment	BI Immunodiffusion Demo Second sessional paper discussion for left out batch BI Quality Control & L J chart SGD BI 11.16 Quality control
11/25/2022	Fri	Physiology- Describe and discuss the physiological basis of memory, learning and speech PY10.9 P2	AN - Histology Practical : Muscle Development of Heart - 2 AN 25.2, 25.4, 25.5 Describe development of heart Describe embryological basis of: atrial septal defect, ventricular septal defect, fallot's tetralogy, tracheo-oesophageal fistula Describe developmental basis of congenital anomalies, transposition of great vessels, dextrocardia, patent ductus arteriosus and coarctation of aorta	AN - Histology Practical : Muscle		Early Clinical Exposure- Biochemistry	
11/26/2022	Sat	AN- Lecture: Extrahepatic biliary apparatus AN 47.5,47.6,47.7 External and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic Obstructive jaundice, Referred pain to	AN Lecture - Revision: Stomach, Liver	(Community Medicine) AETCOM - Module 1.3 The doctor-patient relationship iv) Discussion and closure		BI Immunity 4 BI10.4 Disorders of Human Immunity like immunodeficiency, autoimmunity and hypersensitivity. SDL	Physiology(Tutorial/SGD/SDL) PY 9.6 Contraception Methods
11/27/2022	Sun	AN- Lecture: Extrahepatic biliary apparatus AN 47.5,47.6,47.7 External and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic Obstructive jaundice, Referred pain to	AN Lecture - Revision: Stomach, Liver	(Community Medicine) AETCOM - Module 1.3 The doctor-patient relationship iv) Discussion and closure		SGD- BI. 4.5, BI 4.7 Lipid Metabolism	
11/28/2022	Mon	AN-Histology- Cardiovascular system INT Pathology AN 69.1.69.2,69.3 Identify elastic & muscular blood vessels, capillaries under the microscope Describe the various types and structure-function correlation of blood vessel Describe the ultrastructure of blood vessels	Physiology- Describe and discuss the physiological basis of memory, learning and speech PY10.9 P3	PY 10.11 Clinical examination of cranial nerves- III, IV, VI PY 10.11 Clinical examination of cranial nerve -V (B+C)	BI Constituents of abnormal urine Skill assesment	AN-DOAP: Portal vein & portosystemic anastomosis AN 47.8, 47.11 Describe & identify the formation, course relations and tributaries of Portal Vein Portocaval Anastomosis - Explain the anatomic basis of hematemesis & caput medusae in portal hypertension	AN - Dissection- Pancreas AN 47.5 Anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects, Carcinoma head of pancreas
11/29/2022	Tue	AN lecture: Kidneys AN 47.5 Anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects explain the anatomical basis of radiating pain of kidney to groin	BI Antigens and concepts involved in vaccine development. BI10.5 Antigens and concepts involved in vaccine development.	PY 10.11 Clinical examination of cranial nerves- III, IV, VI PY 10.11 Clinical examination of cranial nerve -V (C+A)	BI Estimation of serum creatinine Skill assesment	Physiology- Describe and discuss physiology of aging: free radicals and antioxidants PY11.7	AN-DOAP: Portal vein & portosystemic anastomosis AN 47.8, 47.11 Describe & identify the formation, course relations and tributaries of Portal Vein Portocaval Anastomosis - Explain the anatomic basis of hematemesis & caput medusae in portal hypertension
11/30/2022	Wed	BI Extracellular matrix 1 BI9.1 Structure, functions and types of ECM	Physiology- Describe and discuss chemical transmission in the nervous system. (Outline the psychiatry element). PY10.10	PY 10.11 Clinical examination of cranial nerve - VII PY 10.11 Clinical examination of cranial nerve- VIII (A+B)	BI Estimation of serum creatinine Skill assesment	AN DOAP: Ureters AN 47.6 Anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects	

12/1/2022	Thu	Physiology- Discuss the concept, criteria for diagnosis of Brain death and its implications PY11.11	AN Development of respiratory system AN 25.2,25.4,25.5 describe development of pleura,lungs describe embryological basis of tracheo-oesophageal fistula describe	AN -Dissection Histology Practical - Cardiovascular system	AN DOAP: Ureters AN 47.6 Anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects	<div> PY 10.8 BI11.23 Energy content of different food items, food items with high and low glycemic index and importance of these in the diet BI Importance of high and low </div>
12/2/2022	Fri	Physiology- Describe and discuss perception of smell and taste sensation PY10.13	AN - Posterior abdominal wall AN 45.1 ,45.2,45.3 Describe Thoracolumbar fascia Describe & demonstrate Lumbar plexus for its root value, formation & Branches Mention the major subgroups of back muscles, nerve supply and action	AN dissection: Kidneys AN 47.5 Anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) explain the anatomical basis of radiating pain of kidney to groin	Early Clinical Exposure- Physiology(1st Friday)	
12/3/2022	Holiday					
4-Dec	SUNDAY					
Date	Day	9:00 AM - 10:00 AM	10:00AM - 11:00AM	11:00AM - 1:00 PM	2:00 PM -3:00 PM	3:00 PM - 5:00 PM
12/5/2022	Mon	AN- Lecture: Histology - GIT 1 AN 52.1 Describe & identify the microanatomical features of gastro-intestinal system:oesophagus,fundus of stomach, pylorus of stomach, duodenum, jejunum, ileum, large intestine, appendix, gall bladder, pancreas, suprarenal gland Describe & identify the microanatomical features of cardiooesophageal junction	Physiology- Discuss the physiological effects of meditation PY11.12	PY 10.11 Clinical examination of cranial nerve - VII PY 10.11 Clinical examination cranial nerve- VIII (B+C)	ECE-Anatomy	
12/6/2022	Tue	AN- Lecture: - Urethra AN 48.2 Anatomical position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects.	BI Extracellular matrix 2 BI9.1 Structure and functions of proteoglycans and glycoproteins of ECM	PY 10.11 Clinical examination of cranial nerve - VII PY 10.11 Clinical examination cranial nerve- VIII (C+A)	AN-DOAP - Demo - Uterine tube& Ovaries AN 48.2 Describe & demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects	AN Dissection - Uterus,Uterine tube& Ovaries AN 48.2 External and internal features, important peritoneal and other relations External and internal features, important peritoneal and other relations
12/7/2022	Wed	BI Extra cellular matrix BI9.2 Involvement of ECM components in health and disease	Physiology-Describe and discuss patho-physiology of altered smell and taste sensation PY10.14	PY 10.11 Clinical examination of cranial nerves -IX & X PY 10.11 Clinical examination of cranial nerves - XI & XII (A+B)	AN DOAP- Uterus AN 48.2,48.5 Describe & demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects. Retroverted & Prolapse uterus,	AN Dissection - Uterus,Uterine tube& Ovaries AN 48.2 External and internal features, important peritoneal and other relations (Histology Practical Batch-B)
12/8/2022	Thu	Physiology- Describe and discuss functional anatomy of ear and auditory pathways & physiology of hearing PY10.15 P1	AN Embryology: GIT 1 AN 52.6 describe the development and congenital anomalies of foregut,midgut and hindgut	AN Dissection -Uterus,Uterine tube& Ovaries AN 48.2 External and internal features, important peritoneal and other relations (Histology Practical Batch-C)	AN DOAP- Uterus AN 48.2,48.5 Describe & demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects. Retroverted & Prolapse uterus,	BI Extra cellular matrix SGD (CD) BI9.2 Involvement of ECM components in health and disease
Early Clinical Exposure- Biochemistry						
12/9/2022	Fri	Physiology- Describe and discuss functional anatomy of ear and auditory pathways & physiology of hearing PY10.15 P1	AN- Lecture - Rectum AN 48.2 Anatomical position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects. Internal and external haemorrhoids	AN Dissection - Rectum and anal canal AN 48.2 External and internal features, important peritoneal and other relations External and internal features, important peritoneal and other relation	BI Basis and rationale of serum amylase and lipase done in pancreatitis	Physiology(Tutorial/SGD/SDL) PY 10.8 EEG and Sleep

12/10/2022	Sat	AN - Lecture: Revision - urinary bladder, prostate	AN - Lecture: Revision - uterus, uterine tubes, ovaries	(Community Medicine) Lecture-Health care delivery system In India	(Community Medicine) Lecture- Health education & practice of health education	Physiology(Tutorial/SGD/SDL) PY 10.9 Learning and Memory	SGD- BI6.9 Describe the functions of various minerals in the body, their metabolism and homeostasis.
11-Dec		SUNDAY					
Date	Day	9:00 AM - 10:00 AM	10:00AM - 11:00AM	11:00AM - 1:00 PM		2:00 PM -3:00 PM	3:00 PM - 5:00 PM
12/12/2022	Mon	AN Histology - GIT 2 AN 52.1 Describe & identify the microanatomical features of gastro-intestinal system:oesophagus,fundus of stomach, pylorus of stomach, duodenum, jejunum, ileum, large intestine, appendix, gall bladder, pancreas, suprarenal gland Describe & identify the microanatomical features of cardiooesophageal junction	Physiology- Describe and discuss functional anatomy of ear and auditory pathways & physiology of hearing PY10.15 P2	PY 10.11 Clinical examination of cranial nerves -IX & X PY 10.11 Clinical examination of cranial nerves - XI & XII (B+C)		AN DOAP- Uterus AN 48.2,48.5 Describe & demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects, Retroverted & Prolapse uterus,	AN Dissection - Urinary bladder, prostrate, uterus
12/13/2022	Tue	AN Lecture: Anal canal AN 48.2 Anatomical position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects INT General Surgery	BI Extra cellular matrix 3 BI9.3 Protein targeting, sorting & its associated disorders	PY 10.11 Clinical examination of cranial nerves -IX & X PY 10.11 Clinical examination of cranial nerves - XI & XII (C+A)		Physiology- Describe and discuss pathophysiology of deafness. Describe hearing tests PY10.16 Integrated ENT class	AN Dissection - Rectum and anal canal AN 48.2 External and internal features, important peritoneal and other relations External and internal features, important peritoneal and other relation
12/14/2022	Wed	BI Diet and nutrition Seminar BI11.24 Advantages and Disadvantages of unsaturated, saturated and trans fats SGD INT GM	Physiology- Describe and discuss functional anatomy of eye, physiology of image formation, physiology of vision including colour vision, refractive errors, colour blindness, physiology of pupil and light reflex PY10.17 P1	PY 2.11 (DOAP) - TLC PY 2.11 (DOAP) TRBC (A+B)		AN- DOAP : Perineum & Perineal membrane INT Obstetrics & Gynecology AN 49.2,49.3,49.5 Describe & identify Perineal body Describe & demonstrate Perineal membrane in male & female Explain the anatomical basis of Perineal tear, Episiotomy, Perianal abscess and Anal fissure	AN - Dissection - Ischioanal fossa AN 49.4 Describe & demonstrate boundaries, content & applied anatomy of Ischioanal fossa (Histology Practical Batch -B)
12/15/2022	Thu	discuss functional anatomy of eye, physiology of image formation, physiology of vision including colour vision, refractive errors, colour blindness, physiology of pupil and	AN 52.6 describe the development and congenital anomalies of foregut, midgut and hindgut	AN 49.4 Describe & demonstrate boundaries, content & applied anatomy of Ischioanal fossa (Histology Practical		AN 49.2,49.3,49.5 Describe & identify Perineal body Describe & demonstrate Perineal membrane in male & female Explain the anatomical basis of Perineal tear,	BI Bio-Medical Waste Management ECE
12/16/2022	Fri	Physiology- Describe and discuss functional anatomy of eye, physiology of image formation, physiology of vision including colour vision, refractive errors, colour blindness, physiology of pupil and light reflex PY10.17 P3	AN Lecture: Ischioanal fossa AN 49.4 Describe & demonstrate boundaries, content & applied anatomy of Ischioanal fossa INT General Surgery	AN - Dissection -Ischioanal fossa AN 49.4 Describe & demonstrate boundaries, content & applied anatomy of Ischioanal fossa		Early Clinical Exposure- Biochemistry	
12/17/2022	Sat	AN-SDL - Superficial and deep perineal spaces AN 49.1 Describe & demonstrate boundaries, content & applied anatomy of Ischioanal fossa	AN SDL: Thoraco abdominal Diaphragm AN 47.13, 47.14 Describe & demonstrate the attachments, openings, nerve supply & action of the thoracoabdominal diaphragm. Describe the	(Community Medicine) Leture- Nutrition - I Macronutrients & Micronutrients	(Community Medicine) Leture- Nutrition - II Nutritional disorders	Physiology(Tutorial/SGD/SDL) PY 10.9 Speech	AN - Dissection - Ischioanal fossa AN 49.4 Describe & demonstrate boundaries, content & applied anatomy of Ischioanal fossa
18-Dec		SUNDAY					
Date	Day	9:00 AM - 10:00 AM	10:00AM - 11:00AM	11:00AM - 1:00 PM		2:00 PM -3:00 PM	3:00 PM - 5:00 PM

12/19/2022	Mon	AN Histology - GIT 3 AN 52.1 Describe & identify the microanatomical features of gastro-intestinal system:oesophagus,fundus of stomach, pylorus of stomach, duodenum, jejunum, ileum, large intestine, appendix, gall bladder, pancreas, suprarenal gland Describe & identify the microanatomical features of cardioesophageal junction	Physiology- Describe and discuss functional anatomy of eye, physiology of image formation, physiology of vision including colour vision, refractive errors, colour blindness, physiology of pupil and light reflex PY10.17 P4	PY 2.11 (DOAP) - TLC PY 2.11 (DOAP) TRBC (B+C)	Revision BI Demonstration of Blood Glucose using Glucometer	AN-DOAP - surface anatomy & living anatomy AN 55.1, 55.2 Demonstrate the surface marking of: regions and planes of abdomen, superficial & deep inguinal ring, McBurney's point, renal angle & Murphy's point demonstrate the surface porjections of: stomach, liver, fundus of gall bladder, spleen, duodenum, pancreas, ileocecal junction, kidneys, root of mesentry	AN Dissection - Sagittal section of male and female pelvis AN 51.2 describe & identify the midsagittal section of male and female pelvis
12/20/2022	Tue	AN Lecture: femoral triangle AN 5.3 Describe and demonstrate boundaries, floor, roof and contents of femoral triangle	BI Carbohydrate Metabolism SGD	PY 2.11 (DOAP) - TLC PY 2.11 (DOAP) TRBC (C+A)	Revision BI Demonstration of Blood Glucose using Glucometer	AN-DOAP - surface anatomy & living anatomy AN 55.1, 55.2 Demonstrate the surface marking of: regions and planes of abdomen, superficial & deep inguinal ring, McBurney's point, renal angle & Murphy's point demonstrate the surface porjections of: stomach, liver, fundus of gall bladder, spleen, duodenum, pancreas, ileocecal junction, kidneys, root of mesentry	Dissection - Introduction to inferior extremity AN 15.2 Describe and demonstrate major muscles with their attachment, nerve supply and actions (Histology practical Batch A)
12/21/2022	Wed	BI Environmental Pollution	Physiology- Describe and discuss the physiological basis of lesion in visual pathway PY10.18	Revision PY 2.11 (DOAP) - Differential leukocyte count PY(DOAP) - Computer assisted learning (3.18) (A+B)	Revision BI Demonstration of Blood Glucose using Glucometer	AN - DOAP Hip bone 2 AN 14.1,14.2 Identify the given bone, its side, important features & keep it in anatomical position Identify & describe joints formed by the given bone	Dissection - Front of thigh & femoral triangle AN 5.1 to 5.3 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 Describe and demonstrate boundaries, floor, roof and contents of femoral triangle (Histology practical Batch B)
12/22/2022	Thu	Physiology- Describe and discuss auditory & visual evoke potentials PY10.19 Integrated class Ophthalmology	AN 52.6 describe the development and congenital anomalies of foregut, midgut and hindgut		vessels of anterior thigh Describe and demonstrate major muscles with their attachment, nerve supply and	Identify the given bone, its side, important features & keep it in anatomical position Identify & describe joints formed by the given bone	BI Lipid Metabolism Seminar
12/23/2022	Fri	Physiology(Tutorial/SGD/SDL) PY 10.19 Visual and auditory evoked Potentials	AN-Lecture - Adductor canal & Obturator nerve AN 15.5, 15.1 Describe and demonstrate adductor canal with its content Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of medial side of thigh	AN - Dissection- Adductor canal & Obturator nerve AN 15.5, 15.1 Describe and demonstrate adductor canal with its content Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of medial side of thigh		SGD Protein Metabolism	Physiology(Tutorial/SGD/SDL) PY 10.17 Refractive errors
		AN - Lecture: Revision - Anal canal, ischioanal fossa	AN - Lecture: Revision - femoral triangle, adductor canal	(Community Medicine) Practical/Demo [Small group discussion (SGD)] (Batch A) Nutritional value of food items of public health importance			SGD- Kidney function tests BI6.13, BI6.14, BI6.15 Kidney functions, tests and disorders Liver function tests BI6.13, BI6.14, BI6.15

12/24/2022	Sat			(Community Medicine) Practical/Demo [Small group discussion (SGD)] (Batch B) Nutritional value of food items of public health importance	Physiology(Tutorial/SGD/SDL) PY 10.18 Visual Pathway and its defects	Liver functions, tests and disorders
25-Dec		SUNDAY				
Date	Day	9:00 AM - 10:00 AM	10:00AM - 11:00AM	11:00AM - 1:00 PM	2:00 PM -3:00 PM	3:00 PM - 5:00 PM
12/26/2022	Mon	AN Histology - GIT 4 AN 52.1 Describe & identify the microanatomical features of gastro-intestinal system:oesophagus,fundus of stomach, pylorus of stomach, duodenum, jejunum, ileum, large intestine, appendix, gall bladder, pancreas, suprarenal gland Describe & identify the microanatomical features of cardiooesophageal junction	Physiology(Tutorial/SGD/SDL) PY 10.16 Deafness	Revision PY 2.11 (DOAP) - Differential leukocyte count PY(DOAP) - Computer assisted learning (3.18) (B+C)	Revision normal and abnormal urine DOAP BI11.4 Perform urine analysis to estimate normal and abnormal constituents DOAP	AN - dissection - medial side of thigh AN 15.1 Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of medial side of thigh
12/27/2022	Tue	AN - Lecture: Structures under cover of gluteus maximus AN 16.1 to 16.3 Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of gluteal region	BI SGD Protein Metabolism	Revision PY 2.11 (DOAP) - Differential leukocyte count PY(DOAP) - Computer assisted learning (3.18) (C+A)	BI Revision Estimation of serum Glucose by GOD/POD	AN - dissection - medial side of thigh AN 15.1 Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of medial side of thigh (Histology practical Batch A)
12/28/2022	Wed	BI Purine Catabolism and Gout	Physiology(Tutorial/SGD/SDL) PY 11.1 Body temperature regulation	Revision PY 10.11 Clinical examination of cranial nerves (A+B)	BI Revision Estimation of serum Glucose by GOD/POD	DOAP - Tibia & Patella AN 14.1 to 14.3 & 18.5 Identify the given bone, its side, important features & keep it in anatomical position Identify & describe joints formed by the given bone Describe the importance of ossification of upper end of tibia Explain the anatomical basis of locking and unlocking of the knee joint
12/29/2022	Thu	Physiology(Tutorial/SGD/SDL) PY 11.4 Exercise Physiology	AN-Embryology - urinary system INT Paediatrics AN 52.7 describe the development of urinary system	AN Dissection Gluteal region AN 16.1 to 16.3 Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of gluteal region (Histology practical Batch A)	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).	BI Nucleotide metabolism MCQ's and short answers Formative assesment
12/30/2022	Fri	Physiology(Tutorial/SGD/SDL) PY 11.6 Infancy and Growth charts	AN Lecture - Hip Joint AN 17.1 to 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 Describe dislocation of hip joint and surgical hip replacement (INT Orthopaedics)	AN Dissection - Back of thigh AN 16.4,16.5 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	Early Clinical Exposure- Biochemistry	
					BI SGD Transcription & Translation	Physiology(Tutorial/SGD/SDL) PY 11.7 Aging

12/31/2022	Sat	AN: SDL :Popliteal fossa AN 16.6 Describe and demonstrate the boundaries, roof, floor, contents and relations of popliteal fossa	AN SDL : Knee Joint INT Orthopaedics AN 18.4 to 18.7 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 Explain the anatomical basis of locking and unlocking of the knee joint Describe knee joint injuries with its applied anatomy Explain anatomical basis of Osteoarthritis	(Community Medicine) Practical/Demo [Small group discussion (SGD)] (Batch A) RDA of vulnerable age groups	Physiology(Tutorial/SGD/SDL) PY 11.5 Sedentary Lifestyle	SDL- Anatomy
			(Community Medicine) Practical/Demo [Small group discussion (SGD)] (Batch B) RDA of vulnerable age groups			
1-Jan	SUNDAY					
Date	Day	9:00 AM - 10:00 AM	10:00AM - 11:00AM	11:00AM - 1:00 PM	2:00 PM -3:00 PM	3:00 PM - 5:00 PM
1/2/2023	Anatomy Paper I Pre University Examination Theory				Time 10 AM to 1 PM	
1/3/2023	Anatomy Paper II Pre University Examination Theory				Time 10 AM to 1 PM	
1/4/2023	Physiology Paper I Pre University Examination Theory				Time 10 AM to 1 PM	
1/5/2023	Physiology Paper II Pre University Examination Theory				Time 10 AM to 1 PM	
1/6/2023	Bio-Chemistry Paper I Pre University Examination Theory				Time 10 AM to 1 PM	
1/7/2023	Bio-Chemistry Paper II Pre University Examination Theory				Time 10 AM to 1 PM	
8-Jan	SUNDAY					
Date	Day	9:00 AM - 10:00 AM	10:00AM - 11:00AM	11:00AM - 1:00 PM	2:00 PM -3:00 PM	3:00 PM - 5:00 PM
1/9/2023	Anatomy Pre University Examination Practical				Time 9 AM to 4PM	
1/10/2023	Physiology Pre University Examination Practical				Time 9 AM to 4PM	
1/11/2023	Bio-Chemistry Pre University Examination Practical				Time 9 AM to 4PM	
1/12/2023	Thu	Physiology(Tutorial/SGD/SDL) PY 8.5 Metabolic Syndrome	AN Lecture- front of leg AN 18.1,18.2 Describe and demonstrate major muscles of anterior 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	AN Dissection- front of leg AN 18.1,18.2 Describe and demonstrate major muscles of anterior 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 (histology practical Batch A)	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)	BI Quality Control & L J chart BI 11.16 Quality control ECE
1/13/2023	Fri	Physiology(Tutorial/SGD/SDL) PY 11.7 Antioxidants and free radicals	AN - Lecture- Pancreas AN 47.5 Anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects, Carcinoma head of pancreas	AN Dissection - Duodenum& pancreas AN 47.5 Anatomical position, parts, Ampulla of Vater External and internal features, Pancreatic duct, Ampulla of vater (Histology Practical Batch - D)	Physiology(Tutorial/SGD/SDL) PY 11.11 Brain Death	
1/14/2023	Sat	AN- SDL EHB apparatus, duodenum	AN- Revision-General Embryology	(Community Medicine) Practical/Demo [Small group discussion (SGD)] (Batch A) Calculation of nutritional requirements of all age groups	Physiology(Tutorial/SGD/SDL) PY 11.12 Meditation	AN-Dissection - ECE- Inguinal Canal, Pancreas, Gall Bladder
				Community Medicine) Practical/Demo [Small group discussion (SGD)] (Batch B) Calculation of nutritional requirements of all age groups		
15-Jan	SUNDAY					
Date	Day	9:00 AM - 10:00 AM	10:00AM - 11:00AM	11:00AM - 1:00 PM	2:00 PM -3:00 PM	3:00 PM - 5:00 PM

1/16/2023	Mon	AN- Histology GIT 1 AN 52.1 Describe & identify the microanatomical features of gastro-intestinal system:oesophagus,fundus of stomach, pylorus of stomach, duodenum, jejunum, ileum, large intestine, appendix, gall bladder, pancreas, suprarenal gland Describe & identify the microanatomical features of cardiooesophageal junction	Physiology(Tutorial/SGD/SDL) Revision - General Physiology (MCQs, SAQs and important questions)	Revision PY 10.11 Clinical examination of cranial nerves (B+C)	BI Revision Estimation of serum Glucose by GOD/POD	AN DOAP- Hamstring muscles AN 16.4,16.5 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- Suprarenal glands AN 47.5 Anatomical position,external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects ECE
1/17/2023	Tue	AN-Lecture: Portal vein & portosystemic anastomosis AN 47.8 , 47.11 Describe & identify the formation, course relations and tributaries of Portal Vein Portocaval Anastomosis - Explain the anatomic basis of hematemesis & caput medusae in portal hypertension	BI SGD rationale of biochemical tests in Renal disorders	Revision PY 10.11 Clinical examination of cranial nerves (C+A)	BI Revision Estimation of Blood Urea DOAP 11.21 Estimation of Blood Urea	Physiology(Tutorial/SGD/SDL) Revision - Hematology (MCQs, SAQs and important questions)	AN DOAP- Abdominal aorta AN 47.9 describe & identify the origin, course, important relations and branches of abdominal aorta AN- Portal vein AN 47.8 Identify the formation, course relations and tributaries of Portal Vein SGD
1/18/2023	Wed	BI SGD Recombinant DNA and PCR	Physiology(Tutorial/SGD/SDL) Revision - Nerve Muscle Physiology (MCQs, SAQs and important questions)	Revision PY 10.11 (DOAP) Clinical examination of motor system PY 10.11 Clinical examination of reflexes (A+B)	BI Revision Estimation of Blood Urea DOAP 11.21 Estimation of Blood Urea	AN - DOAP Kidney - External features and relations Anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)	AN- Dissection - Abdominal aorta AN 47.9 describe & identify the origin, course, important relations and branches of abdominal aorta (Histology Practical Batch - B)
1/19/2023	Thu	Physiology(Tutorial/SGD/SDL) Revision - GIT (MCQs, SAQs and important questions)	AN 52.6 describe the development and congenital anomalies of foregut,midgut and hindgut	AN Dissection - Kidney & ureters AN 475 Anatomical position, external and internal features, important peritoneal and other relations (Histology Practical Batch - C)		and relations Anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)	BI Jaundice & Liver Diseases, Thyroid dysfunction SGD
1/20/2023	Fri	Physiology(Tutorial/SGD/SDL) Revision - Cardiovascular System (MCQs, SAQs and important questions)	AN Kidney- (Blood supply,lymphatic drainage,Applied anatomy)& Ureters INT General Surgery, Urology, PY AN 47.5, 47.6 Anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) explain the anatomical basis of radiating pain of kidney to groin Anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects	AN -Dissection - Kidney & ureters AN 47.5 Anatomical position, external and internal features,important peritoneal and other relations (Histology Practical Batch -D)		BI Acid Base Balance Formative assessment (MCQ's, Short answers)	Physiology(Tutorial/SGD/SDL) Revision - Respiratory System (MCQs, SAQs and important questions)
1/21/2023	Sat	AN- SDL Pancreas, portal vein	AN Revision: Suprarenal glands, abdominal aorta	(Community Medicine) Practical/Demo [Small group discussion (SGD)] (Batch A) Nutrition problem solving exercises (Community Medicine) Practical/Demo [Small group discussion (SGD)] (Batch B) Nutrition problem solving exercises		Physiology(Tutorial/SGD/SDL) Revision - Excretory System (MCQs, SAQs and important questions)	SDL - Anatomy
22-Jan		SUNDAY					
Date	Day	9:00 AM - 10:00 AM	10:00AM - 11:00AM	11:00AM - 1:00 PM		2:00 PM -3:00 PM	3:00 PM - 5:00 PM
1/23/2023	Mon	AN Histology GIT 2 AN 52.1 Describe & identify the microanatomical features of gastro-intestinal system:oesophagus,fundus of stomach, pylorus of stomach, duodenum, jejunum, ileum, large intestine, appendix, gall bladder, pancreas, suprarenal gland Describe & identify the microanatomical features of cardiooesophageal junction	Physiology(Tutorial/SGD/SDL) Revision - Endocrine System (MCQs, SAQs and important questions)	Revision PY 10.11 (DOAP) Clinical examination of motor system PY 10.11 Clinical examination of reflexes (B+C)	BI Revision Estimation of Blood Urea DOAP 11.21 Estimation of Blood Urea	AN - DOAP - Posterior abdominal wall AN 45.1 ,45.2,45.3 Describe Thoracolumbar fascia Describe & demonstrate Lumbar plexus for its root value, formation & Branches Mention the major subgroups of back muscles, nerve supply and action	AN -Dissection -Posterior abdominal wall AN 45.2 Lumbar plexus for itsroot value, formation &branches

1/24/2023	Tue	AN Embryology- GIT 3 AN 52.6 describe the development and congenital anomalies of foregut, midgut and hindgut	BI Biological Oxidation SGD	Revision PY 10.11 (DOAP) Clinical examination of motor system PY 10.11 Clinical examination of reflexes (C+A)	BI Revision Estimation of Serum Creatinine & Creatinine Clearance DOAP BI 11.21, 11.22 Demonstrate estimation of creatinine in serum. Calculate creatinine clearance	AN DOAP - Pelvic Diaphragm AN 48.1 Describe & identify the muscles of Pelvic diaphragm	AN- Dissection - Urinary bladder and Urethra AN 48.2 External and internal features, important peritoneal and other relations (Histology Practical Batch C)
1/25/2023	Wed	BI Bases & Rational of Biochemical test in Diabetes mellitus, dislipdemia, MI SGD	Physiology(Tutorial/SGD/SDL) Revision - Reproductive System (MCQs, SAQs and important questions)		BI Revision Estimation of Serum Creatinine & Creatinine Clearance DOAP BI 11.21, 11.22 Demonstrate estimation of creatinine in serum. Calculate creatinine clearance	AN-DOAP - Bony Pelvis AN 53.2 53.3 Identify the given bone, important features & keep it in anatomical position Identify & describe joints formed by the given bone Demonstrate important muscle attachment on the given bone Difference between Male and female Pelvis	AN- Dissection Urinary bladder AN 48.2 External and internal features, important peritoneal and other relations (Histology Practical Batch -B)
1/26/2023	Thu	Holiday					
1/27/2023	Fri	Physiology(Tutorial/SGD/SDL) Revision - CNS-1 (MCQs, SAQs and important questions)	AN Lecture: Urinary bladder AN 48.2, 48.6 Anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects, Describe the neurological basis of Automatic bladder	AN Dissection : Prostate AN 48.2 Features, important peritoneal and other relations, (Histology Practical Batch -D)		BI SGD Detoxification	Physiology(Tutorial/SGD/SDL) Revision - CNS -2 (MCQs, SAQs and important questions)
1/28/2023	Sat	AN-SDL Kidney, Pelvic diaphragm	AN- Lecture: Prostate AN 48.2 Anatomical position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical	Self Directed Learning(SDL) Role of nutrition in health	Internal Assessment Examination	Physiology(Tutorial/SGD/SDL) Revision - CNS -3 (MCQs, SAQs and important questions)	SDL- Anatomy
29-Jan							
SUNDAY							
Date	Day	9:00 AM - 10:00 AM	10:00AM - 11:00AM	11:00AM - 1:00 PM		2:00 PM -3:00 PM	3:00 PM - 5:00 PM
1/30/2023	Mon	AN-Histology - GIT 3 AN 52.1 Describe & identify the microanatomical features of gastro-intestinal system:oesophagus,fundus of stomach, pylorus of stomach, duodenum, jejunum, ileum, large intestine, appendix, gall bladder, pancreas, suprarenal gland Describe & identify the microanatomical features of cardioesophageal junction	Physiology(Tutorial/SGD/SDL) Revision - Special Senses (MCQs, SAQs and important questions)	PY 10.11 (DOAP) Examination of cranial nerves PY 10.11 (DOAP) Examination of Reflexes (B+C)	BI Revision Estimation of Serum Creatinine & Creatinine Clearance DOAP BI 11.21, 11.22 Demonstrate estimation of creatinine in serum. Calculate creatinine clearance	AN- DOAP - Urethra AN 48.2 Anatomical position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects.	AN Dissection - Uterus,Uterine tube& Ovaries AN 448.2 External and internal features, important peritoneal and other relations External and internal features, important peritoneal and other relations
1/31/2023	Tue	AN Lecture - UterusPY AN 48.2, 48.5 Describe & demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects, Retroverted & Prolapse uterus, INT Obstetrics & Gynecology,	BI SGD Minerals	PY 10.11 (DOAP) Examination of cranial nerves PY 10.11 (DOAP) Examination of Reflexes (A+B)	BI Revision Estimation of Serum Total Protein, A:G ratio BI11.21 & BI11.22 Estimation of Serum Total Protein, A:G ratio DOAP	Physiology(Tutorial/SGD/SDL) Revision - Integrated Physiology (MCQs, SAQs and important questions)	AN Dissection - Uterus,Uterine tube& Ovaries AN 48.2 External and internal features, important peritoneal and other relations External and internal features, important peritoneal and other relations (Histology Practical Batch-A)
2/1/2023	Wed				BI Revision Estimation of Serum Total Protein, A:G ratio BI11.21 & BI11.22 Estimation of Serum Total Protein, A:G ratio DOAP	AN-DOAP - Uterine tube& Ovaries AN 48.2 Describe & demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects	AN Dissection - Rectum and anal canal AN 48.2 External and internal features, important peritoneal and other relations External and internal features, important peritoneal and other relations(Histology Practical Batch -B)
	Thu						
	Fri						
	Sat						
SUNDAY							
Date	Day	9:00 AM - 10:00 AM	10:00AM - 11:00AM	11:00AM - 1:00 PM		2:00 PM -3:00 PM	3:00 PM - 5:00 PM

	SUNDAY								