GMCH/MEU-CC/2024/0020
Dated 23/10/2024.

GMCH Chandigarh MBBS Phase 1 Batch 2024

GOVERNMENT MEDICAL COLLEGE & HOSPITAL, CHANDIGARH

TIME TABLE MBBS PHASE I (BATCH 2024)

FOUNDATION COURSE		CURRICULUM				
COLOUR CODE	HOURS	SUBJECT	LECTURE (HOURS)	SGD/INTEGRATED/TUTORIAL/ PRACTICAL (HOURS)	SDL (HOURS)	TOTAL (HOURS)
ORIENTATION	15	ANATOMY	180	430	10	620
PROFESSIONALISM	20	PHYSIOLOGY	130	305	10	445
SKILLS	15	BIOCHEMISTRY	85	160	10	255
FIELD VISIT	05	EARLY CLINICAL EXPOSURE	-	27	-	27
LANGUAGE & COMPUTERS	10	COMMUNITY MEDICINE	20	20	-	40
		FAMILY ADOPTION PROGRAM	-	24		24
SPORTS	15	AETCOM	-	26	-	26
EXTRACURRICULAR		SPORTS / EC activities	-	-	-	10
TOTAL	80	Foundation Course				80
		TOTAL	415	992	30	1527

Aligned Integrated Topics

1. Jaundice 2. COPD 3. MI/CAD 4. ANEMIA

PROF SS LEHL
Coordinator, MEU
GMCH, Chandigarh
23/10/2024

PROF AK Attri
Director Principal
GMCH, Chandigarh
23/10/24

Date	9.00-10.00 am	10.00-11.00 am	11.00-12.00 noon	12.00-1.00 pm	2.00- 3.00 pm	3.00-4.00 pm	4.00-5.00 pm
14/10/2024	INAUGURATION ACADEMIC DAY **White Coat Ceremony** **Oath Taking Ceremony**		**Interaction with the Parents**	General Rules, Discipline , Punctuality, Attendance, Correspondence	Sensitization on Ragging and its consequences.	Introduction to various Literary, Sports, Library & Cultural activities	Computer and Language Skills
15/10/2024	Role of the doctors at various levels of Health care delivery and their impact	National Health goals and policies	History of Medicine & Alternative Medicine	Mentorship program	Orientation to Hospital & College Campus: Visit to Hospital, Academic Blocks, Library		Computer and Language Skills
16/10/2024	Introduction to CBME & IMG	Overview of MBBS curriculum, structure and assessment	MBBS: Various career pathways ahead	Health care systems in India with reference to primary, secondary and tertiary level care	Biosafety, Universal Precautions & Hand Washing		Computer and Language Skills
18/10/2024	Concept of Professionalism and ethics, Unprofessional behaviour	Principles of Family Medicine	Evidence Based Medicine	Ethics in Medical Research Conflict of Interest	Communication Skills		Computer and Language Skills
19/10/2024	**RHTC/UHTC: Field Visit**				SPORTS & EXTRACURRICULAR		

Date	9.00-10.00 am	10.00-11.00 am	11.00-12.00 noon	12.00-1.00 pm	2.00- 3.00 pm	3.00-4.00 pm	4.00-5.00 pm
21/10/2024	Altruisim: a virtue of a physician	Ethical dilemmas in Medicine	Legal issues in medical practice	Significance of working in a health care team, Workplace etiquettes	GROUP DYNAMICS		Computer and Language Skills
22/10/2024	Care of patient	The Dying patient	Competence in dealing with Disability, Cultural diversity & Gender sensitivity	Competence in dealing with Cultural diversity & Gender sensitivity	Leadership Skills		Computer and Language Skills
23/10/2024	Immunization schedule/Immunization requirements of Health care workers	Interpersonal Relationships & Conflict management	Dealing with Media	Time Management	Reflective Writing and role in medical education		Computer and Language Skills
24/10/2024	Basic life support				Learning skills (SDL, peer/ learning, e-learning, simulation learning)		Computer and Language Skills
25/10/2024	Stress Management	Basic disaster management & BMW Disposal	Documentation Of Medical Records	First Aid	Creative Writing		Computer and Language Skills
26/10/2024	Yoga in Medicine			Computer and Language Skills	SPORTS & EXTRACURRICULAR		

Month	Date	9-11.00 am	11.00-12.00 noon	12.00-1.00 pm	2.00-3.00 pm	3.00-5.00 pm
OCT	28	PY2.11 DOAP Study of Microscope	AN 1.1L Demonstrate anatomical position, planes, relations and movements in our body	CM 1.1 L Define the concept of public health	PY1.1L Describe the structure and functions of a cell	AETCOM MODULE 1.5 Opening Session Cadaver as a first teacher (ANATOMY)
OCT	29	AN3.2 SGT Enumerate parts of skeletal muscle and differentiate between tendons And aponeuroses	AN 1.2, 2.1, 2.2, 2.3L Describe bones- parts, blood supply, nerve supply, sesamoid bones	BC 1.1 L Describe the sub- cellular components	PY1.1 L Describe intercellular communication and their applications in Clinical care and research	PY2.11 DOAP Focussing and observing artefacts under the microscope
OCT	30	AN5.1, 5.2,5.3, 5.4 SGT Differentiate between blood vascular and lymphatic system.	AN 2.4 L Describe various types of cartilage with its structure and distribution in body	PY1.1L Describe the intercellular communication in Clinical care and research	AN 3.1, 3.3SGT Classify muscle tissue according to structure & action, Explain Shunt and spurt muscles	BC 14.1 DEMO Describe commonly used laboratory apparatus and equipment's, good safe laboratory practice and waste disposal
OCT	31	HOLIDAY				
NOV	1	BC 14.3 DOAP Describe physical and chemical properties of normal urine	AN2.5, 2.6L Various joints with subtypes, the concept of nerve supply of joints & Hilton 's law	PY1.2L Principles of homeostasis and feedback mechanism	BC1.1 L Describe the sub- cellular components	AN4.1, 4.2 , 4.5 SGT Types of skin & dermatomes in body,structure & function of skin with its appendages. Explain principles of skin incisions
NOV	2	AN 4.3, 4.4 SGT Superficial fascia along with fat distribution in body, deep fascia	PY1.3 L Describe apoptosis mechanism of action and physiological significance	AN 6.1, 6.2, 6.3L List the components lymphatic system, lymph capillaries & lymph circulation		
NOV	3	SUNDAY				

Month	Date	9-11.00 am	11.00-12.00 noon	12.00-1.00 pm	2.00-3.00 pm	3.00-5.00 pm
NOV	4	PY2.11DOAP Focussing and examining artefacts under the microscope	AN 5.5,5.6,5.7,5.8 L Describe Portal system, concept of anastomoses, collateral circulation	CM 1.2 L Define health, concept of holistic health, spiritual health and health determinants	PY1.4 L Various transport mechanisms across cell membranes	AN 14.2 AN 14.1SGT Identify the given bone, its side, anatomical position, joint formation, important features
NOV	5	AN 14.1, 14.2, 14.3, 17.2 SGT Describe the importance of ossification of lower end of femur , fracture neck of femur	AN 7.1, 7.2, 7.3, 7.4 L Describe general plan of nervous system with components of CNS & ANS	BC 1.1 L Describe the transport across cell membrane, types of transporters, disorders related to transport.	PY1.5 L Describe the fluid compartments of the body, its ionic composition & measurement methods	PY2.11DOAP Collection of blood sample
NOV	6	AN 14.1,14.2, 14.3 SGT Describe the importance of ossification of and upper end of tibia,	AN7.5L, Describe principles of sensory and motor innervations of muscles	PY1.6 L Describe the concept of pH & Buffer systems in the body	AN 65.1L Identify epithelium under the microscopic	BC 14.3 DOAP Describe physical and chemical properties of abnormal urine
NOV	7	PY2.11DOAP Preparation of peripheral blood smear	AN 7.6, 7.7, 7.8 L Describe concept of loss of innervation of a muscle with its applied anatomy,	BC 6.1 L List the functions and components of the extracellular matrix (ECM).	PY1.7 L Molecular basis of resting membrane potential (RMP) and generation of action potential	AN 14.3 SGT Describe the importance of ossification of and explain violation of law of ossification in fibula
NOV	8	BC14.3 BC 14.4 DOAP Perform urine analysis for normal and abnormal constituents of urine Urine report	AN15.1 L Describe and demonstrate origin, course, relations, branches termination of important nerve of anterior thigh	PY1.7 L Describe the molecular basis of resting membrane potential (RMP) and generation of action potential in a nerve fibre	BC 6.2 L Discuss the involvement of ECM components in health and disease	AN 14.4 SGT Identify and name various bones in the articulated foot with individual muscle attachment
NOV	9	AN 15.2 SGT Major muscles with their attachment, nerve supply and actions	PY1.7 Tutorial Describe the molecular basis of RMP and generation of action potential in a nerve fibre	AN 15.3,15.4 L Boundaries of femoral triangle and anatomical basis of Psoas abscess & Femoral Hernia		
NOV	10	SUNDAY				

Month	Date	9-11.00 am	11.00-12.00 noon	12.00-1.00 pm	2.00-3.00 pm	3.00-5.00 pm
NOV	11	Anemia AITo Session 1 L PY2.4 PY2.3 PA 13.1 Sharing	AN 15.5 L Describe and demonstrate adductor canal with its contents	CM 1.3 L Describe the characteristics of agent, host and environmental factors and multifactorial etiology of disease	PY2.1 L Describe the composition and functions of blood and its components	AN 16.6SGT Describe and demonstrate the boundaries, roof, floor, contents and relations of popliteal fossa with its clinical anatomy
NOV	12	AN 16.2 & 16.3 SGT Describe structures under the cover of gluteus Maximus, anatomical basis of sciatic nerve	AN 16.11 L Major muscles with their attachment, nerve supply and actions gluteal region	BC 6.3 L Describe protein targeting & sorting along with its associated disorders	PY2.2LDiscuss the origin, forms, variations and functions of plasma proteins	PY2.11DOAP Preparation, staining and identifying blood cells
NOV	13	AN 16.4 SGT Describe and demonstrate the hamstrings group of muscles with their attachment, nerve supply and action	AN 17.1 LDescribe, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved.	PY2.2L Discuss the origin, forms, variations and functions of plasma proteins and its clinical implications	AN 70.1L Identify exocrine gland under the microscope	Anemia AITo session 2 L BC 5.8 PA14.1 PE13.1 Nesting
NOV	14	Test: General Physiology	AN 16.5 L Describe rigin, course, relations, branches, termination of importance nerves on the back of thigh	BC 5.1 L Describe amino acid structure, classification and biological importance	PY2.3L Physiological structure, synthesis , functions and breakdown of Hemoglobin.	**SDL-I** AN 17.3 Describe dislocation of hip joint and surgical of hip replacement
NOV	15	**HOLIDAY**				
NOV	16	AN 18.2 SGT Describe and demonstrate origin, course, relations , branches, termination of important nerves and vessels of anterior compartment of leg	PY2.3L Describe the physiological structure, synthesis , functions and breakdown of Hemoglobin. Discuss its variants and clinical significance.	AN 18.1 L Describe and demonstrate major muscles of anterior compartment of leg with their attachment nerve supply and actions		
NOV	17	**SUNDAY**				

Month	Date	9-11.00 am	11.00-12.00 noon	12.00-1.00 pm	2.00-3.00 pm	3.00-5.00 pm
NOV	18	PY2.11DOAP Estimate Hb, RBC, TLC, DLC, Blood groups, BT/CT, RBC indices	AN 77.2, 77.3 L Describe the synchrony between the ovarian and menstrual cycles, the spermatogenesis and oogenesis along with diagrams	CM 1.3 L Describe the characteristics of agent, host and environmental factors and multifactorial etiology of disease	PY2.4L Describe Erythropoiesis & discuss its regulation in physiological and pathological situations	AN 18.3 SGT Explain anatomical basis of foot drop
NOV	19	AN 18.4 SGT Describe type surfaces, capsule, ligaments, relations, and movement'sanastomosis around the knee joint.	AN 76.1 , 76.2 ,77.1, 77.2 L Describe the stages of human life	BC 5.2 L Describe and discuss structural organization of proteins and clinical aspects	PY2.5 L Anaemias, polycythemia& jaundice and principles of management	PY2.11DOAP Estimate Hb, RBC, TLC, DLC, Blood groups, BT/CT, RBC indices
NOV	20	AN 18.5 SGT Anatomical basis of locking and unlocking of the knee joint	AN 76.2, L Describe - phylogency,ontogeny, trimester, viability, Describe the uterine changes occurring during the menstrual cycle	PY2.5L Describe anaemias, polycythemia& jaundice and principles of management	AN 66.1 & 66.2 L Describe and identify various types of connective tissue with functional correlations	Anemia AITO session 3L BC 5.2 L PA16.1 Sharing
NOV	21	PY2.11DOAP Estimate Hb, RBC, TLC, DLC, Blood groups, BT/CT, RBC indices	AN 77.4, 77.5 L Describe the stages and consequences of fertilization, anatomical principles underlying contraception	BC 2.1 L Explain fundamental concepts of enzyme, isoenzyme, IUBMB nomenclature	PY2.5 L Describe anaemias, polycythemia& jaundice and physiologic al principles of management	AN 19.2, 19.3 Describe and demonstrate origin, course, relations, branches, termination of important nerves and vessels of back of leg, Concept of peripheral Heart.
NOV	22	Anemia AITo session 4 L BC 5.9 PA16.2 PE 29.4 Linker case to be introduced. Correlation	**SDL-II** AN18.6 AN18.7 Describe knee joint injuries with its applied anatomy , anatomical basis ofOsteoarthritis	PY2.6 L Describe the formation of WBC (Leucopoiesis), structure and function of various WBC	BC 2.2 L Discuss factors affecting enzyme activity	AN 19.3 SGT Describe and demonstrate origin, course, relations, branches, termination of important nerves and vessels of back of leg, Concept of peripheral Heart
NOV	23	AN 19.1 SGT Describe and demonstrate the major muscles of back of leg.	PY2.6 L Describe the formation of WBC (Leucopoiesis), structure and function of various WBC types and their regulatory mechanisms	AN19.4 L Explain the anatomical basis of rupture of calcaneal tendon		
NOV	24	**SUNDAY**				

Month	Date	9-11.00 am	11.00-12.00 noon	12.00-1.00 pm	2.00-3.00 pm	3.00-5.00 pm
NOV	25	Anemia AITo session 5 SGD PY2. PA16.2 Nesting	AN19.5 L Arches of the foot	CM 1.4 L Describe and discuss the natural history of disease	PY3.1L Describe the structure and functions of a neuron and neuroglia; Discuss nerve growth factors	AN 20.5 SGT Explain anatomical basis of varicose veins and deep vein thrombosis
NOV	26	AN20.1 SGT Describe and Demonstrate the type, articular surfaces capsule, synovial membrane, ligaments, relations, movements and muscles involved blood and nerve supply of tibiofibular and ankle joint	AN 19.6,.19.7 L Anatomical basis of Flat Foot, club foot , Metatarsalgia and Plantar Fasciitis	BC 2.3 L Discuss enzyme kinetics	PY3.2L Describe the types, functions, properties of nerve fibers including strength duration curve, chronaxie and rheobase	Anemia AITO Session 6 SGD PY2.5 PA 13.3 Nesting
NOV	27	AN 20.2 SGT Describe the subtalar and transverse tarsal joints	AN20.3 L Describe and demonstrate Fascia lata, venous drainage, Lymphatic drainage, Retinacular and Dermatomes of lower limb	PY3.3L Classify nerve injury and discuss the mechanism of degeneration and regeneration in peripheral nerves	AN 67.1,67.2:L Describe & Identify various types of muscle under the Microscope, classify muscle and the structure function co AN 67.3 Describe the ultra-structure of muscular tissue rrelation of the same	BC 14.5 DOAP Use of paper chromatography
NOV	28	PY2.11DOAP Estimate Hb, RBC, TLC, DLC, Blood groups, BT/CT, RBC indices	AN 20.4 L Explain anatomical basis of enlarged inguinal lymph nodes	BC 2.3 L Discuss enzyme kinetics	PY3.4L Describe the microscopic structure of neuro-muscular junction (NMJ) and mechanism of neuromuscular transmission	AN 20.6,20.7 SGT Identify the bones and joints of lower limb seen in anteroposterior and lateral view radiographs of various regions of lower limb, Identify & demonstrate important bony landmarks of lower limbs
NOV	29	BC 14.6 SGT Describe principles of colorimetry and chromatography	AN 20.10 L Describe basis concept of development of Lower Limb	PY3.5ECE Discuss the applied aspects of neuromuscular junction : myasthenia gravis, Lambert Eaton syndrome and neuromuscular blocking agents.	BC 2.4, 2.5 SGT Discuss therapeutic use of enzymes. Discuss use of enzymes in laboratory investigations.	AN 20.8,20.9 SGT Identify & demonstrate palpation of femoral, popilteal, posterior tibial, anterior tibial& dorsalis pedis arteries in a simulated environment , surface projection
NOV	30	Family Adoption Program				
DEC	1	SUNDAY				

Month	Date	9-11.00 am	11.00-12.00 noon	12.00-1.00 pm	2.00-3.00 pm	3.00-5.00 pm
DEC	2	FA ANATOMY		Anemia AITo session 7 DOAP CM5.6 IM9.14 Sharing	PY3.6L Describe the different types of muscle fibres, their structure and physiological basis of action potential	FA ANATOMY
DEC	3	AN 8.1 SGT Identify the given bone, its side, anatomical position, joint formation, important features and clinical anatomy (Clavicle, scapula, humerus, radius, ulna, carpal bones)	AN 79.4, 79.5 L Describe the development of somites and intra- embryonic coelom, Explain embryological basis of congenital malformations, nucleus pulposus, NTD sacrococcygealteratomas	BC 7.2 L Describe the ETC and Inhibitors.	PY3.7L Describe properties, action potential and molecular basis of muscle contraction in skeletal muscle	Anemia AITo session 8 SGD PY2.12 PA16.2 IM9.10 Correlation
DEC	4	AN 8.2 SGT Identify Scapula, Demonstrate important muscle attachment on Scapula's	AN 79.6, 80.1, 80.2 LDescribe the diagnosis of pregnancy in first trimester, fate of chorion, amnion, yolk sac, formation of umbilical cord	PY3.8L Describe properties, action potential and molecular basis of muscle contraction in smooth muscle	AN 69.1, 69.2,69.3 Describe the microscopic structure of cardiovascular system	Assessment of certifiable competencies
DEC	5	AITo Anemia Session 9 Reflection and feedback	AN 9.1 L Describe attachment, nerve supply and action of perctoralis major and pectoralis minor	BC 3.1 L Discuss and differentiate monosaccharides, disaccharides and polysaccharides	PY3.9L Describe the mode of muscle contraction (isometric and isotonic), energy source, muscle metabolism and gradation of muscular activity	AN 8.2, SGT Identify Humerus, radius, ulna its side, important features
DEC	6	Assessment of certifiable competencies	AN 9.2, 9.3 L Breast	AITo Anemia Session 10 Assessment	BC 3.1 SGD Discuss and differentiate main carbohydrates as energy fuel, structural element and storage in the human body	AN 8.2, Identify radius, ulna its side, important features
DEC	7	AETCOM MODULE 1.1 SGD What it means to be a doctor? (BIOCHEMISTRY)		AN10.1, 10.2 L Boundaries and contents of axilla		
DEC	8	SUNDAY				

DEC	Date	9-11.00 am	11.00-12.00 noon	12.00-1.00 pm	2.00-3.00 pm	3.00-5.00 pm
DEC	9	FA BIOCHEMISTRY		CM SGT 1.5 Describe the application of interventions at various levels of prevention	PY2.7 L Discuss 'Immunity' in terms of its types, development, regulation and physiological significance	AN 8.3, 8.4 : SGT Identify and name various bones in articulated hand, specify the part of metacarpals and phalangens
DEC	10	AN 10.3, 10.5,10.6 SGT Identify and dissect brachial plexus, its distribution and variations	AN10.3,10.4, 10.7, LAxillary lymph nodes and their areas of drainage, anatomical basis of enlarged axillary lymph nodes	BC 3.2SGD Describe the processes involved in digestion and assimilation of CHO	PY2.7 L Discuss 'Immunity' in terms of its types, development, regulation and physiological significance	PY2.12 Practical demonstration Describe the test to measure Erythrocyte Sedimentation Rate (ESR), Osmotic fragility, Hematocrit
DEC	11	AITO: CAD/MI HI Session 1 L AN22.3, AN22.7 PY5.1, PY 5.2 SHARING	AN 10.12L Describe Shoulder joint ,	PY2.7 L Discuss 'Immunity' in terms of its types, development, regulation and physiological significance	AN 70.2L Describe the microscopic structure of Lymphatic tissue & organs	BC 14.7 DOAP Estimation of blood glucose and demonstration of glucometer usage
DEC	12	AITo: CAD/MI VI Session 2.L PY5.3, PY 5.4 IM 2.5 NESTING	AN 11.1 L Muscle groups of upper arm with emphasis on biceps and triceps brachii	BC 3.3 L Discuss glycolysis pathway & regulation	PY2.8L Describe the formation of platelets (thrombopoiesis), structure, functions and variations	AN 11.2,11.3,11.5, 11.6,12.1 SGT Boundaries and contents of cubital fossa Nerves and vessels in arm. Describe the anatomical basis of Venepuncture of cubital veins.Nerves and vessels of forearm
DEC	13	BC 14.8 DOAP Estimation of urea and BUN calculation	AN 12.2 L, Muscle groups of ventral forearm with attachments, nerve supply and actions	PY2.8L Describe the formation of platelets (thrombopoiesis), structure, functions and variations	BC 3.3 L Discuss glycolysis pathway & regulation	AN 12.5, 12.6 AN12.7, 12.8 SGT Small muscles of hand. Course and branches of blood vessels and nerves in hand
DEC	14	AETCOM MODULE 1.1 SGD What it means to be a doctor? (BIOCHEMISTRY)		AN 12.3, 12.4 L Flexor retinaculum with its attachments, Carpal tunnel syndrome		
DEC	15	**SUNDAY**				

Month	Date	9-11.00 am	11.00-12.00 noon	12.00-1.00 pm	2.00-3.00 pm	3.00-5.00 pm
DEC	16	FA PHYSIOLOGY(Practical) HematologyLab Leaving)		CM SGT 1.6 Describe and discuss the concepts, principles of health promotion and education, IEC and BCC.	Feedback Hematology practical	AN 12.11,12.12,12.14 SGT Identify & describe compartments deep to extensor retinaculum
DEC	17	SDL-III AN 10.13 , 11.4 ,12.13 Anatomical basic of injury to axillary nerve during intramuscular injections, Describe the anatomical basis of Saturday night paralysis, Wrist drop	AN 12.7, 12.9, 12.10 L Fibrous flexor sheaths, ulnar bursa, radial bursa and digital synovial sheaths, Course and branches of blood vessels and nerves in hand	BC 3.3 L Describe PDH complex and importance of acetyl CoA	PY2.9 ECE Visit to blood bank Describe hemostasis, coagulation pathways, mechanism of action of anticoagulants	AITO: CAD/MI HI Session 3 SGD PY5.6 AN5.6, AN22.4 BC 4.5 SHARING
DEC	18	AN13.5 SGT radiographs of shoulder region, arm, elbow, forearm and hand	AN 13.1,13.2 L Describe and explain fascia of upper limb, veins , lymphatic drainage, Dermatomes of upper limb	PY2.9L Describe hemostasis, coagulation pathways, mechanism of action of anticoagulants	AN 71.1& 71.2 L Describe the microscopic structure of cartilage & Bone	BC 14.9 DOAP Estimation of serum creatinine and calculation of creatinine clearance
DEC	19	PY3.11 DOAP Perform Ergography and calculate the work done by a skeletal muscle	AN 13.3,13.4 LIdentify and describe radio-ulnar joints, wrist joint & first carpometacarpal joint, acromioclavicular joint	BC 3.3 L Discuss TCA Cycle pathway & Regulation, role as TCA amphibolic pathway	PY2.9L Describe hemostasis, coagulation pathways, mechanism of action of anticoagulants	AN 13.6,13.7 SGT Identify and demonstrate important bony landmarks of upper limb, demonstrate of surface projection
DEC	20	Assessment of certifiable competencies	AN13.8 L Describe development of upper limb	PY2.10L Discuss types of blood groups, clinical importance of blood grouping, blood banking and transfusion	BC 3.3 L Describe glycogen metabolism pathway & regulation	AN8.6 SGT Palmar Spaces
DEC	21	AITO: CAD/MI VI Session 4 L AN5.8 PA27.5 NESTING	PY2.10L Discuss types of blood groups, clinical importance of blood grouping, blood banking and transfusion	AN 12.12 L Identify and describe origin course, relations, branches of nerves forearm		
DEC	22	SUNDAY				

Month	Date	9-11.00 am	11.00-12.00 noon	12.00-1.00 pm	2.00-3.00 pm	3.00-5.00 pm
DEC	23	PY3.11 DOAP Perform Ergography and calculate the work done by a skeletal muscle	AN 44.2 44.3L Describe & identify the Fascia, nerves & blood Describe the formation of rectus sheath and its contents	CM 1.7 L Enumerate and describe health indicators.	PY3.12 DOAP Observe with Computer assisted learning (i) Amphibian nerve -muscle experiments (ii) Amphibian cardiac experiments	AN 44.1 SGT Demonstrate the plane (transpyloric, transtubercular) Quadrants of abdomen
DEC	24	SDL IV- AN 44.5 Explain the anatomical basis of inguinal hernia	AN 44.4 L Describe & demonstrate extend boundaries, contents of inguinal canal Hesselbach's Triangle	BC 3.3 L Discuss glycogen metabolism pathway & regulation	PY3.12 DOAP Observe with Computer assisted learning (i) Amphibian nerve -muscle experiments (ii) Amphibian cardiac experiments	PY3.11 DOAP Perform Ergography and calculate the work done by a skeletal muscle
DEC	25	**HOLIDAY**				
DEC	26	PY3.11 DOAP Perform Ergography and calculate the work done by a skeletal muscle	AN46.1 ,46.2, 46.4 L Describe & demonstrate testis with its applied anatomy, Epididymis, Varicocele	BC 3.3L Describe HMP &Uronic acid pathway & regulation.	PY3.12 DOAP Observe with Computer assisted learning (i) Amphibian nerve -muscle experiments (ii) Amphibian cardiac experiments	AN 44.6 SGT Describe & demonstrate attachments of muscles of anterior abdominal wall
DEC	27	AITO: CAD/MI VI Session 5 SGD BC 14.19 PA27.8 NESTING	AN 47.1 L Peritoneum, Lesser and Greater sac	PY10.2 L Describe the functional anatomy of peripheral nervous system (including autonomic nervous system)	BC 3.3L Describe gluconeogenesis	AN 50.1& 53.4 SGT Describe the curvatures of the vertebral column, Clinical importatnce of bones of abdominopelvic region.
DEC	28	AN 50.2 SGT Describe and demonstrate the type, articular ends, ligaments and movements of intervertebral joints, sacroiliac joints and pubic symphysis	PY10.2 L Describe the functional anatomy of peripheral nervous system (including autonomic nervous system)	AN 47.2,47.3,L Identify various peritoneal folds and pouches Anatomical basis of Ascites & Peritonitis		
DEC	29	**SUNDAY**				

Month	Date	9-11.00 am	11.00-12.00 noon	12.00-1.00 pm	2.00-3.00 pm	3.00-5.00 pm
DEC	30	WINTER VACATIONS				
DEC	31					
JAN	1					
JAN	2					
JAN	3					
JAN	4					
JAN	5	SUNDAY				

Month	Date	9-11.00 am	11.00-12.00 noon	12.00-1.00 pm	2.00-3.00 pm	3.00-5.00 pm
JAN	6	HOLIDAY				
JAN	7	AN 47.5 SGT Describe & Demonstrate major viscera of abdomen stomach	AN 47.4 L Explain anatomical basis of Supphrenic abscess	BC 3.4 L Discuss fructose & galactose metabolism	Test Topic: Blood and Nerve Muscle Physiology	Test Topic: Blood and Nerve Muscle Physiology
JAN	8	AN 47.5, 47.6 SGT Describe & Demonstrate major viscera of abdomen Liver, Liver Biopsy	AN 47.6 & 47.7 L Referred pain in cholecystis, obstructive jaundice, referred pain around umblilicus, Demonstrate boundaries of Calot's triangle.	PY5.1L Describe the functional anatomy of heart including chambers and coronary circulation	AN 72.1 L Identify the skin and its appendages under microscope	BC 3.5 SGT Discuss blood glucose regulation.
JAN	9	AITO: CAD/MI VI Session 6. SGD PY5.13 PY 5.6 IM2.10 IM2.5 NESTING	AN 47.6 L Explain the anatomical basic of splenic notch, accessory spleens, Kehr's Sign	BC 3.6 SGT Discuss and interpret laboratory results of analytes associated with metabolism of carbohydrates	PY5.2 L Describe the properties of cardiac muscle including its morphology, electrical, mechanical and metabolic functions	AN 47.9 SGT Describe and identify the origin, course, important relations and branches of the abdominal aorta coeliac trunk, superior mesenteric inferior mesenteric and common iliac artery
JAN	10	BC 14.12 DOAP Estimation of serum cholesterol	AN 47.8, L Describe & Identify the formation, course relations and tributaries of portal vein, inferior vena cava and renal vein	PY5.2 L Describe the properties of cardiac muscle including its morphology, electrical, mechanical and metabolic functions	BC 4.1 4.2 SGD Describe main classes of lipids relevant to human system and their major functions., digestion and absorption of dietary lipids	AN 47.10 SGT Describe sites of portosystemic anastomosis, describe its applied anatomy and anatomical correlations
JAN	11	AN 47.11 SDL V Explain the anatomic basic of hematemesis and caput medusa in portal hypertension	PY5.3L Describe generation and conduction of cardiac impulse along with the conduction pathway (including pacemaker potential).	AN 47.12 L Describe important nerve plexuses of posterior abdominal wall		
JAN	12	SUNDAY				

Month	Date	9-11.00 am	11.00-12.00 noon	12.00-1.00 pm	2.00-3.00 pm	3.00-5.00 pm
JAN	13	PY5.16 DOAP Obtain relevant history and conduct General and Clinical examination of the cardiovascular system in a normal volunteer or simulated environment	AN 47.13, 52.5 L Describe & demonstrate the attachments , openings, nerve supply and action of the thoracoabdomindal diaphragm, anomalies of diaphragm	CM SGT 1.8 Describe the demographic profile of India and discuss its impact on health.	PY5.4L Discuss the physiological events occurring during the cardiac cycle, concurrent pressure volume changes,	AN 47.14, SGT Describe the abnormal openings of thoracoabdominal diaphragm and diaphragmatic hernia
JAN	14	AN 45.2 SGT Describe & demonstrate Lumbar plexus, its root value, formation, branches and clinical anatomy	AN 45.1 L Describe Thoracolumbar fascia, its different layers, their attachments and extents	BC 4.3 L Describe key features of lipid metabolism (synthesis)	PY5.4L Discuss the physiological events occurring during the cardiac cycle, concurrent pressure volume changes, generation of heart sounds and murmur	PY5.15 DOAP Record and interpret normal ECG in a volunteer or simulated environment
JAN	15	AN 55.1 SGT Demonstrate the surface marking of regions and planes of abdomen, superficial inguinal ring, Deep Inguinal ring, McBurney's point, renal angle & Murphy's point	AN 45.3 LDescribe and demonstrate back muscles, nerve supply and action	PY5.5ECE Describe the physiology of electrocardiogram (E.C.G), the cardiac axis and its applications	SGT AN 52.1 Describe and identify the microanatomical features of Gastro-intestinal system	BC 14.15 SGT Describe estimation of triglycerides, HDL, and LDL with interpretation
JAN	16	AITO: CAD/MI VI Session 7 DOAP PY5.13 PY 5.6 IM2.10 CORRELATION	AN 52.4 & 52.6L Describe the development of anterior abdominal wall, congenital anomalies of: foregut, midgut and hind gut	BC 4.3 L Describe key features of lipid metabolism (oxidation)	PY5.5L Describe the physiology of electrocardiogram (E.C.G), the cardiac axis & its applications	AN 47.6 SGT Demonstrate major viscera of abdomen Kidney to groin
JAN	17	Assessment of certifiable competencies	AN 52.6 L Describe the development and congenital anomalies of : foregut, midgut and hind gut	PY5.6SGT Discuss physiological variations in ECG waveforms, abnormal waveforms and intervals , arrhythmias, heart blocks and myocardial Infarction	AITO: CAD/MI VI Session 8 SGD BI2.5 BC 14.19 IM2.12 IM2.18 CORRELATION	AN 54.2, 54.3, 54.4: SGT Describe and identify of X-ray abdomen, Barium swallow, Barium meal, Barium enema, Cholecystography, Intravenous pyelography & Hysterosal-pinogography , role of ERCP, CT abdomen, MRI ,Arteriography
JAN	18	FA	AITO: CAD/MI Session 9 REFLECTION & FEEDBACK	AN 55.2 LDemonstrate the surface projection of stomach, liver, funds of gall bladder, spleen, Duodenum, Pancreas, Ilrocaecal junction, kidneys and root of mesentery		
JAN	19	SUNDAY				

Month	Date	9-11.00 am	11.00-12.00 noon	12.00-1.00 pm	2.00-3.00 pm	3.00-5.00 pm
		TERM 1 EXAMINATIONS				
JAN	20	THEORY PAPER : ANATOMY				
JAN	21	THEORY PAPER : BIOCHEMISTRY				
JAN	22	THEORY PAPER : PHYSIOLOGY				
JAN	23	PRACTICAL				
JAN	24	PRACTICAL				
JAN	25	PRACTICAL				
JAN	26	SUNDAY				

Month	Date	9-11.00 am	11.00-12.00 noon	12.00-1.00 pm	2.00-3.00 pm	3.00-5.00 pm
JAN	27	PY6.12DOAP Obtain relevant history of the respiratory system in a normal volunteer or simulated environment	AN 53.2 L Anatomical position of bony pelvis	CM SGT 2.1 Describe the steps and perform clinico-cultural and demographic assessment of individual, family and community	AITO: CAD/MI Session 10 Assesment	AN 53.3 & 53.4 SGT Define True pelvis and false pelvis and demonstrate sex determination in male and female bony pelvis
JAN	28	AITO: COPD HI Session 1 AN24.1 PY6.1 SHARING	AN 48.5, 48.6 L Explain the anatomical basis of suprapubic cystomy , Neurlogical basis of Automatic bladder	BC 4.3 L Describe key features of lipid metabolism (ketone body)	PY6.2 L Describe the mechanics of normal respiration, pressure changes during Ventilation , lung volume and capacities	AITO: COPD VI/HI Session 2 L PY6.2 CT2.5 CT2.11 AN21.9 NESTING
JAN	29	AN 48.3 SGT Describe And demonstrate the origin, course, important relations and branches of internal iliac artery	AN 48.4 L Describe the branches of sacral plexus	AITO: COPD Session 3 L PY6.2 PY6.7 CT2.11 NESTING	AN 52.1 SGT Microanatomy liver , gall bladder	AITo: COPD HI Session 4 L BC 9.3 PY6.3 SHARING BC 14.2 DEMO Estimation of pH.
JAN	30	PY6.13 DOAP Demonstrate the correct technique to perform measurement of peak expiratory flow rate and maximum voluntary ventilation in a normal volunteer or simulated environment	AN 48.1 L Blood supply, nerve supply, lymphatic drainage and clinical aspects of important male and female pelvic viscera	BC 4.4 L Describe the metabolism of cholesterol and triglycerides	PY6.4L Discuss the transport of respiratory gases viz Oxygen and Carbon dioxide across lungs and whole body	AN 48.7, 48.5 SDLVI ProstateBPH, the lobes involved in benign prostatic hypertrophy and prostatic cancer
JAN	31	AITO: COPD VI Session 5 SGD BC 9.3 IM22.11 IM22.12 NESTING	AN 49.1, 49.2,L superficial and deep perineal pouch	PY6.5 L Describe the chemoreceptors (peripheral and central) and neural centres of respiration including chemical and neural regulation of respiration	BI 4.5 L Explain the regulation of lipoprotein metabolism & associated disorders.	AN 49.3 SGT perineal membrane
FEB	1	Family Adoption Program				
FEB	2	SUNDAY				

Month	Date	9-11.00 am	11.00-12.00 noon	12.00-1.00 pm	2.00-3.00 pm	3.00-5.00 pm
FEB	3	PY6.13 DOAP Demonstrate the correct technique to perform measurement of peak expiratory flow rate & maximum voluntary ventilation in a normal volunteer or simulated environment	AN 49.4L Ischiorectal fossa	CM SGT 2.2 Describe the socio-cultural factors, family types and its role in health and disease and assessment of socio-economic status	PY6.7Tutorial Discuss various lung function tests and their clinical significance in obstructive and restrictive lung diseases	AN 51.2 SGT Mid Sagittal section of male and female pelvis
FEB	4	AITO: COPD VI Session 6 DOAP AN25.9 AN25.7 IM3.7 CORRELATION	AN 49.5 L Anatomical basis of perineal tear, Episiotomy, perianal abscess and anal fissure	BC 4.5 L Explain the regulation of lipoprotein metabolism & associated disorders.	PY6.7L Discuss various lung function tests and their clinical significance in obstructive and restrictive lung diseases	PY6.10 DOAP Perform Spirometry and interpret the findings (Manual)
FEB	5	AN 54.1 SGT Principles Of plain and contrast radiography, CT, MRI.	AITO: COPD VI Session 7 L AN 21.9 Ct 2.5, PY6.9,6.8,CT2.11 Sharing	PY6.11 DOAP Describe principles and methods of artificial respiration	AN 52.2 SGT Describe and identify the micro anatomical features of Urinary system, Kidney, Ureter & Urinary bladder	Term 1 feedback session
FEB	6	AITO: COPD VI Session 8 DOAP PY6.9 PY6.8 CT2.11 SHARING	AN 52.8L development of Male & Female reproductive system	BC 4.6 SGT Discuss biological role and therapeutic applications of eicosanoids	PY6.6 L Describe and discuss the pathophysiology of dyspnoea, hypoxia, cyanosis, asphyxia, drowning, periodic breathing and oxygen therapy	AN 46.5 SGT Explain Anatomical basis of phimosis and circumcision
FEB	7	BC 14.17 SGT Describe various body fluids and composition of CSF	AN 48.8 L Mention the structure vaginal and rectal examination	AITO: COPD VI Session 9 DOAP PY6.10 CT2.12 SHARING	BC 4.7 SGT Cholelithiasis, Obesity	AN 46.3 SGT Describe penis under following headings: Lymphatic drainage
FEB	8	**ECE Anatomy** 44.7 , 49.5 Common Abdominal incisions clinical importance, and anal fissure		AITO: COPD VI Session 10 SGD AN24.2 PA 26.3 NESTING		
FEB	9	**SUNDAY**				

Month	Date	9-11.00 am	11.00-12.00 noon	12.00-1.00 pm	2.00-3.00 pm	3.00-5.00 pm
FEB	10	PY6.10 DOAP Perform Spirometry and interpret the findings (Digital)	AN 50.4 L Anatomical basis of Scoliosis Lordosis, Proplased disc	CM SGT 2.3 Describe and demonstrate assessment of barriers to good health and health seeking behaviour	PY6.9 L Discuss the physiology of deep sea diving and decompression sickness	AN 48.7, 48.5 SGT VI Retroverted uterus, proplase uteruspregnancy & tubal ligation
FEB	11	AN 48.7, 48.5 SGT VI Internal and external haemorrhoids, anal fistula vasectomy	AN 47.8 L Formation Course relations IVC	BC 5.3 SGT Describe the digestion and absorption of dietary proteins	Respiratory system competency certification: PY6.10 and PY6.12	Respiratory system competency certification PY6.10 and PY6.12
FEB	12	AN 21.1 SGT Identify and describe the salient features of sternum, typical ribs and typical thoracic vertebra,	AN 21.3 L Describe and demonstrate the boundaries of thoracic inlet cavity, and outlet along with its applied aspect	PY5.7L Discuss haemodynamics of circulatory system	AN 52.2 SGT Microanatomy Male Reproductive system	AITO: COPD Session 11 DOAP BC 14.2 IM 22'13 Correlation
FEB	13	PY5.14 DOAP Record blood pressure & pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment	AITO: COPD Session 12 REFLECTION AND FEEDBACK	BC 5.4 L Discuss plasma proteins and acute phase reactants	PY5.7ECE Discuss haemodynamics of circulatory system	AN 21.2 SGT Identify and describe the salient features of atypical ribs and atypical thoracic vertebrae
FEB	14	BC 14.18 Demo Protein electrophoresis	AITO COPD Session 13 ASSESSMENT	PY5.8 L Describe and discuss local and systemic cardiovascular regulatory mechanisms	BC 5.5 L Describe cellular and humoral components of the immune system	AN 21.6 SGT Mention origin, course and branches/ tributaries of: a) anterior & posterior intercostal vessels b) internal thoracic vessels
FEB	15	**ECE Biochemistry** BC 4.8 Dyslipidemia		AN 21.8 L Describe and demonstrate type, articular surfaces and movements of manubriosternal, costrovertebral, costotransverse and xiphisternal joints,		
FEB	16	**SUNDAY**				

Month	Date	9-11.00 am	11.00-12.00 noon	12.00-1.00 pm	2.00-3.00 pm	3.00-5.00 pm
FEB	17	Test Topic: Respiration	AN 21.10 L Describe costochondral and interchondral joints	CM 2.4 L Describe social psychology, community behaviour and community relationship and their impact on health & disease	PY5.8 L Describe and discuss local and systemic cardiovascular regulatory mechanisms	AN 21.7 SGT Mention origin, course and branches/ tributaries of: a) atypical intercostal nerve b) superior internal artery, subcostal artery
FEB	18	AN 21.9 SGT Describe And demonstrate mechanics and types of respiration	AN 21.11 L Mention boundaries and contents of the superior, anterior, middle and posterior mediastinum	BC 5.5 L Describe cellular and humoral components of the immune system,	PY5.9L Describe heart rate, factors affecting heart rate, and its regulation	PY5.14 DOAP Record blood pressure & pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment
FEB	19	AN 22.2 SGT Describe And demonstrate external and internal features of each chambers of heart	AN 22.1 L Describe and demonstrate subdivisions, sinuses in pericardium, blood supply and nerve supply of pericardium	PY5.9L Describe heart rate, factors affecting heart rate, and its regulation	AN 52.2 SGT Microanatomy Female Reproductive system	BC 14.18 DEMO Immunodiffusion
FEB	20	PY5.14 DOAP Record blood pressure & pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment	AN 22.3 L Describe and demonstrate origin course and branches of coronary arteries,	BC 5.5 L Discuss structure functions and disorders of immunoglobulins	PY5.11L Describe blood pressure, factors affecting blood pressure and its regulation	AN22.7 SGT Mention the parts, positions and arterial supply of the conducting system of heart.
FEB	21	Assessment of certifiable competencies	AN 22.4 L Describe, anatomical basis of ischaemic heart disease	PY5.11L Describe blood pressure, factors affecting blood pressure and its regulation	BC 5.5 L Discuss structure functions and disorders of immunoglobulins	AN 23.2 SGT Describe And demonstrate the extent, relations and tributaries of thoracic duct and applied anatomy
FEB	22	**ECE** **Physiology**		AN 22.5L Describe and demonstrate the formation, course, tributaries and termination of coronary sinus		
FEB	23	**SUNDAY**				

Month	Date	9-11.00 am	11.00-12.00 noon	12.00-1.00 pm	2.00-3.00 pm	3.00-5.00 pm
FEB	24	PY5.14 DOAP Record blood pressure & pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment	AN 22.6 L Describe the fibrous skeleton of heart AN 22.6 Describe the fibrous skeleton of heart	CM SGT 2.4Describe social psychology, community behaviour and community relationship and their impact on health & disease	PY5.12 L Describe & discuss regional circulation including microcirculation, lymphatic circulation, cerebral, capillary, skin, foetal	AN 23.3 SGT Describe and demonstrate origin, course, relations, tributaries and termination of superior vena cava, Azygous, hemiazygous and accessory hemiazygos veins
FEB	25	AN 23.4 SGT Mention the extent, branches and relations of arch of aorta & descending thoracic aorta	AN 23.1 L Describe and demonstrate the external appearance, relations, blood supply, nerve supply, lymphatic drainage and applied anatomy of oesophagus	BC 5.3 SGT Describe the digestion and absorption of dietary proteins	PY5.12 L Describe & discuss regional circulation including microcirculation, lymphatic circulation, cerebral, capillary, skin, foetal, pulmonary and splanchnic circulation	PY5.14 DOAP Record blood pressure & pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment
FEB	26	HOLIDAY				
FEB	27	PY5.14 DOAP Record blood pressure & pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment	AN 23.6 L Describe the splanchnic nerves	BC 5.6 L Describe formation, transport and detoxification of ammonia	PY5.13 L Describe the patho-physiology of shock, syncope heart failure with physiological basis of its management	AN 23.5 SGT Identify & Mention The location and extent of thoracic sympathetic chain
FEB	28	BC 14.11 DOAP Estimation of serum proteins, albumin and A:G ratio	AN 24.2 L Root of lung and bronchial tree and clinical correlate	PY5.13 L Describe the patho-physiology of shock, syncope heart failure with physiological basis of its management	BC 5.6 L Describe ammonia toxicity and clinical significance	AN 24.1 SGT Mention The blood supply, lymphatic drainage and nerve supply of pleura and their applied anatomy
MAR	1	AETCOM MODULE 1.2. SGD What it means to be a patient ? (PHYSIOLOGY)		AN 24.3 L Describe a bronchopulmonary segment with its clinical anatomy,		
MAR	2	SUNDAY				

Month	Date	9-11.00 am	11.00-12.00 noon	12.00-1.00 pm	2.00-3.00 pm	3.00-5.00 pm
MAR	3	FA ANATOMY		CM 2.5 L Describe poverty and social security measures and its relationship to health and disease	PY4.1L Describe the functional anatomy of digestive system	AN 24.6 SGT Describe the extent, length, relations , blood supply, lymphatic drainage and nerve supply of trachea
MAR	4	AN 24.4 SGT Identify phrenic nerve and describe its , formation and distribution.	AN 24.5 L Mention the blood supply, lymphatic drainage and nerve supply of lungs	BC 5.7 L Discuss specialized products of glycine, phenylalanine, tryptophan	PY4.2L Enumerate various Gastrointestinal hormones (GI) hormones, discuss their functions and regulation	PY5.14 DOAP Record blood pressure & pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment
MAR	5	AN 25.3 SGT Describe Fetal circulation and changes occurring at birth	AN 25.2 L Describe development of pleura, lung and heart	PY4.3 L Describe the composition, mechanism of secretion, functions, and regulation of saliva	AN 21.9 SDL VII Mechanics of Respiration	BC 14.18 Observe use of equipment in clinical lab – Autoanalyzer, Electrolyte Analyzer, ELISA
MAR	6	PY5.14 DOAP Record blood pressure & pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment	AN 25.4 L Describe embryological basic of: Atrial septal, ventiricular, Fallot'stertralogy, Tracheoesophageal	BC 5.7 L Discuss specialized products of methionine, arginine, branched chain amino acids	PY4.4 L Describe the composition, mechanism of secretion, functions, and regulation of gastric juice.	AN 25.7 SGT Identify structures seen on a plain X-ray chest PA View
MAR	7	BC 14.10 DOAP Estimation of serum uric acid	AN 25.5 L Describe basis of congenital anomalies, transposisiotn of great vessels, dextrocardia, patent ducts arteriosus and coarctation	PY4.5 L Describe the composition, mechanism of secretion, functions, and regulation of pancreatic juice including various pancreatic exocrine function tests	BC 5.7 L Discuss inborn errors of metabolism	AN 25.8 SGT Identify and describe in brief a barium swallow
MAR	8	AETCOM MODULE 1.2. SGD What it means to be a patient ? (PHYSIOLOGY		AN 25.6 L Mention development of aortic arch arteries, SVC, IVC and coronary sinus		
MAR	9	**SUNDAY**				

Month	Date	9-11.00 am	11.00-12.00 noon	12.00-1.00 pm	2.00-3.00 pm	3.00-5.00 pm
MAR	10	FA BIOCHEMISTRY		CM 4.1 L Describe various methods of health education with their advantages and limitations	PY4.6L Describe the composition, mechanism of secretion, functions, and regulation of intestinal juices	AN 25.9 SGT Demonstrate surface marking of lines of pleural reflection and lung borders and fissures, trachea heart, borders, apex beat and surface projection of valves of heart
MAR	11	AN 26.1 SGT Describe & Demonstrate anatomical position of skull. Identify and locate individual skull bones in skull	AN 26.2 L Describe & Demonstrate the features of norma frontalis, verticalis, occipitalis, lateralis and basalis	BC 5.7 L Discuss new born screening	PY4.7L Describe the physiology of digestion and absorption of nutrients	DOAP Practical Revision: BP practicals PY 5.14
MAR	12	AN 26.1 SGT Describe & Demonstrate anatomical position of skull. Identify and locate individual skull bones in skull	AN 26.3L Describe cranial cavity, its subdivisions, foramina	PY4.7L Describe the physiology of digestion and absorption of nutrients	AN 43.2 SGT Microanatomy Of Pituitary gland & Thyroid gland	Assessment of certifiable competencies
MAR	13	DOAP Practical Revision: BP practicals PY 5.14	AN 26.5 L Describe and Demonstrate features of typical and atypical cervical vertebrae	BC 7.1 SGT Integration of various metabolic processes	PY4.8L Describe GIT movements, its regulation and physiological significance including defecation reflex	AN 26.4 SGT Describe and demonstrate morphological features of mandible
MAR	14	HOLIDAY				
MAR	15	Family Adoption Program				
MAR	16	SUNDAY				

Month	Date	9-11.00 am	11.00-12.00 noon	12.00-1.00 pm	2.00-3.00 pm	3.00-5.00 pm
MAR	17	FA PHYSIOLOGY(Theory) Topic: CVS		CM SGT 4.1 Describe various methods of health education with their advantages and limitations	PY4.11 SDL Discuss (in brief) the applied physiology of GIT viz. Peptic ulcer, gastroesophageal reflux disease, vomiting, diarrhoea, constipation, Adynamic ileus, Hirschsprung's disease	AITo Jaundice Session 1 L ANA52. SU28.10 Nesting
MAR	18	AITo Jaundice Session 2 DOAP ANA 55.2 SU 28.10 Nesting	AN 28.2 L Describe innervation of face	BC 8.1 L Describe biochemical role of fat soluble vitamins	PY4.10 L Describe the Gut-Brain Axis and its physiological significance	PY4.12 DOAP Obtain relevant history related to the abdomen in a normal volunteer or simulated environment
MAR	19	AN 28.1 SGT Describe and demonstrate muscles of facial expression and their nerve supply	AN 28.5 L Describe cervical lymph nodes and lymphatic drainage of head , face and neck	AITO Jaundice Session 3 L PY 4.7 L PY4.9 L Sharing	AN 43.2 SGT Microanatomy Of Paratthyroid gland, tongue, salivary gland	BC 8.1 SDL Discuss water soluble vitamins
MAR	20	AITo Jaundice Session 4L PY 2.5 BC 14.19 Sharing	AN 28.8 L Describe surgical importance of deep facial vein	BC 8.1 L Discuss fat soluble vitamins	PY7.1 L Describe the functional anatomy of kidney and non-excretory functionsof kidney	AN 28.3 SGT Describe and demonstrate origin /formation, course, branches/tributaries of facial vessels
MAR	21	BC 8.2 SDL Importance of various dietary components and dietary fibre	AN 28.7 L Describe anatomical basis of facial nerve palsy,	PY7.2 L Describe the structure & functions of juxta glomerular apparatus & role of renin-angiotensin system	BC 8.3 L Discuss PEM	AN 28.4 SGT Describe and branches of facial nerve with distribution
MAR	22	SGT AN 28.6 Identify superficial muscles of face, their nerve supply and action	PY7.3 L Describe the mechanism of urine formation involving processes of filtration (Glomerular filtration), tubular reabsorption & secretion.	AN 28.10 L Explain the anatomical basic of Frey's syndrome		
MAR	23	SUNDAY				

Month	Date	9-11.00 am	11.00-12.00 noon	12.00-1.00 pm	2.00-3.00 pm	3.00-5.00 pm
MAR	24	Test: Topic GIT	AN 29.3 L basis of Erb'sKlumpke's palsy ,	CM SGT 4.2 Describe the methods of organising health promotion and education and counselling activities at individual, family and community settings.	PY4.11 SDL Discuss (in brief) the applied physiology of GIT viz. Peptic ulcer, gastroesophageal reflux disease,	AN 28.9 SGT Describe and demonstrate the parts, borders, surfaces, contents, relations and nerve supply of parotid gland
MAR	25	AN 29.1 SGT Describe and demonstrate the boundaries, subdivisions, contents of posterior triangle of neck, nerves supply, relations and actions of sternocleidomastoid	AN 29.4 L Anatomical basis of Wry Neck	BC 8.4 SGT Discuss dietary advice in health and disease	PY7.4 L Describe the mechanism of urine concentration and dilution (Counter current Multiplier & Exchanger)	DOAP Competency assessment of certifiable competencies: Mosse'sergography
MAR	26	AN 29.2 SGT Describe and Demonstrate of sternocleidomastoid	AN 30.4 L Describe clinical importance of dural venous sinuses	PY7.5 L Describe the renal regulation of fluid and electrolytes & acid-base balance	AN 43.2 SGT Microanatomy of Tonsil, Epiglottis	AITo Jaundice session 5 BC 11.1,BC14.19 L PY 4.8 PA 25.1 PA 25.6 Introduce linker case Nesting
MAR	27	DOAP Competency assessment of certifiable competencies: Examination of CVS	AN 30.5L Explain Effect of pituitary turmours on visual pathway.	BC 8.5 L Describe causes aand effects of obesity, metabolic syndrome	PY7.6 L Describe the innervations of urinary bladder, physiology of micturition and its abnormalities	AN 29.5 SGT Describe and demonstrate attachments of inferior belly of omohyoid, scalenus anterior, scalenusmedius, Levator scapulae
MAR	28	AITo Jaundice session 6 SGD BC 14.13 PA 25.6 IM 5.12 Discuss in context of linker case Correlation	AN 31.3 L Describe anatomical basis of Horner's syndrome,	PY7.7L Describe cystometry and discuss the normal cystometrogram	BC 8.6 SGT Nutritional importance of macromolecules	AN 30.1 SGT Demonstrate The cranial fossae and identify related structures
MAR	29	Family Adoption Program				
MAR	30	SUNDAY				

Month	Date	9-11.00 am	11.00-12.00 noon	12.00-1.00 pm	2.00-3.00 pm	3.00-5.00 pm
MAR	31	HOLIDAY				
APR	1	AN 30.2 SGT Describe and identify major foramina with structures passing through them, dural folds and dural venous sinuses	AN 31.4 L Describe Components of Lacrimal apparatus	BC 9.1 L Discuss sources, absorption, transport and metabolism of Iron	PY4.11 SDL Discuss (in brief) the applied physiology of GIT viz. Peptic ulcer, gastroesophageal reflux disease, vomiting, diarrhoea	DOAP Competency assessment of certifiable competencies: Recording of normal pulse and BP
APR	2	AN 30.3 SGT Describe and identify dural folds and dural venous sinuses	AN 31.5 L Anatomical basis of oculomotor, trochlear and abducent nerve palsies along with strabismus	PY7.8 ECE Discuss various Renal Function Tests with its physiological significance and clinical implication of Renal clearance	AN28.7, AN28.8 SDL-VIII Explain the anatomical basis of facial nerve palsy Explain surgical importance of deep facial vein	AITo Jaundice Session 7 DOAP BC 14.16 PA 25.1 Nesting
APR	3	DOAP Competency assessment of certifiable competencies: BP and change of posture	AN 32.1 L Describe boundaries and subdivisions of anterior triangle	BC 9.1 SDL Discuss sources, absorption, transport and metabolism of Calcium and Phosphorus	PY7.9L Discuss the role of artificial kidneys, dialysis and indications of renal transplant	AITo Jaundice Session 8 SGD ANA 47.6 SU 28.10 Nesting
APR	4	BC 9.3 SDL Describe processes involved in maintenance of water electrolyte balance	AN 33.1 L Describe boundaries and contents of termporal and infratemporal fossae	PY9.1L Explain sex determination, sex differentiation and their abnormalities and discuss the effects of removal of gonads on physiological functions	BC 9.1 SDL Discuss Magnesium, Zinc, Copper, trace elements	AN 31.2 SGT Describe And demonstrate nerves and vessels in the orbit
APR	5	AETCOM MODULE 1.3 SGD Doctor patient relationship (PHYSIOLOGY)		AN 32.2L Describe And demonstrate boundaries and contents of muscular, carotid, digastric and submental triangles		
APR	6	SUNDAY				

Month		9-11.00 am	11.00-12.00 noon	12.00-1.00 pm	2.00-3.00 pm	3.00-5.00 pm
APR	7	Test Topic: Kidney	AN 33.4 L explain the clinical significance of pterygoid venous plexus	CM 4.3 L Demonstrate and describe the steps in evaluation of health promotion and education program.	PY4.11 SDL Discuss (in brief) the applied physiology of GIT viz. Peptic ulcer, gastroesophageal reflux disease, vomiting, diarrhoea, constipation, Adynamic ileus, Hirschsprung's disease	AN 33.3 SGT Describe and demonstrate articulating surface, type and movements of temporomandibular joint
APR	8	AN 34.1 SGT Describe & demonstrate the superficial and deep structures, muscles, nerves, vessels and glands in the submandibular region	AN 33.5L Describe The features dislocation of temporomandibular joint	BC 9.3 L Disorders associated with water and electrolyte imbalance	PY9.2 L Describe and discuss puberty: onset, progression, stages; early and delayed puberty.	DOAP Competency assessment of certifiable competencies: BP and isometric exercise
APR	9	AN 34.2 SGT Morphology, relations and nerve supply of submandibular salivary gland and subamnibular region	AN 34.3L Describe the basis of formation of submandibular stones	PY9.3 L Describe the functional anatomy of male reproductive system, functions of testis, spermatogenesis anddiscuss the functions and regulations of testosterone hormone	AN 43 SGT.3Microantomy of eye lid, pineal gland	BC 14.19 SGT Rationale of tests done in water electrolyte imbalance
APR	10	AITo Jaundice Session 9 SGD PY 4.8 PE 26.9 IM 5.14. Discuss in context of linker case Correlation	AN 35.1 L Describe the parts, extent, attachments, modifications of deep cervical fascia	BC 10.1 L Discuss nucleotide Chemistry	PY9.4 L Describe the functional anatomy of female reproductive system: functions of ovary and its hormones (estrogen and progesterone) ; hormonal regulation by hypothalamic pituitary gonadal (HPG axis	AN 35.2 SGT Describe and demonstrate of Thyroid gland
APR	11	BC 11.1 SGT Describe renal function tests	AN 35.4L Describe internal jugular and brachiocephalic veins	PY9.5 L Discuss the menstrual cycle, uterine and ovarian changes, hormonal regulation and its implications in reproductive physiology	BC 10.2 L Describe purine synthesis and salvage pathway	AN 35.3 SGT Describe the origin, parts, course and branches subclavian artery
APR	12	AETCOM MODULE 1.3 SGD Doctor patient relationship (PHYSIOLOGY)	PY9.6 ECE Enumerate male and female contraceptive methods, rationale of its prescription, side effects and its advantages & disadvantages	AN 35. L Describe And demonstrate extent drainage & applied anatomy of cervical lymph nodes, cervical sympathetic chain		
APR	13	SUNDAY				

Month	Date	9-11.00 am	11.00-12.00 noon	12.00-1.00 pm	2.00-3.00 pm	3.00-5.00 pm
APR	14	DOAP Competency assessment of certifiable competencies: Harvard step test	AN 35.6 L Describe and demonstrate the extent, formation,, relation & branches of cervical sympathetic chain	CM SGT 4.3 Demonstrate and describe the steps in evaluation of health promotion and education program.	PY9.7 L Discuss the physiology of pregnancy, parturition & lactation.	AN 36.1 SGT Describe and demonstrate the structures of the vestibule of the mouth and oral cavity proper
APR	15	AN 35.8 SGT Describe The anatomically relevant clinical features of Thyroid swellings	AN 35.7 L Describe the course and branches of IX,X,XI and XII nerve in the neck	BC 10.3 SGT Describe purine degradation and associated disorders	PY9.8 L Discuss the physiological basis of various pregnancy tests	DOAP Competency assessment of certifiable competencies: Examination of the abdomen
APR	16	AN 36.2 SGT Describe the morphology, relations, blood supply and applied anatomy of palatine tonsil 2. Composition of soft palate	AN 35.9 L Describe the clinical features of compression of subclavian artery and lower trunk of branchial plexus by cervical rib	PY9.9 L Discuss the hormonal changes and their effects during perimenopause and menopause	AN 35.2 SDL –IX Describe and demonstrate location, parts, borders, surfaces, relations, blood supply & applied anatomy of Thyroid gland. Also, describe the parathyroid glands in brief.	AITo Jaundice Session 10 Reflection and Feedback
APR	17	DOAP Competency assessment of certifiable competencies: Examination of Respiratory system	AN 35.10 L Describe the fascial spaces of neck	AITo Jaundice Session 11 Assessment	PY9.10 Visit to IVF lab Discuss the common causes of infertility in a couple and role of IVF in managing a case of infertility	AN 36.3 SGT Describe the muscles, nerve supply , blood supply and lymphatic drainage of the pharynx
APR	18	HOLIDAY				
APR	19	FA	PY4.11 SDL Discuss (in brief) the applied physiology of GIT viz. Peptic ulcer, gastroesophageal reflux disease, vomiting, diarrhoea, constipation, Adynamic ileus, Hirschsprung's disease	AN 36.4 L Describe the components and functions of Waldeyer's Lymphatic ring		
APR	20	SUNDAY				

Month	Date	9-11.00 am	11.00-12.00 noon	12.00-1.00 pm	2.00-3.00 pm	3.00-5.00 pm
		TERM 2 EXAMINATIONS				
APR	21	THEORY PAPER : ANATOMY				
APR	22	THEORY PAPER : BIOCHEMISTRY				
APR	23	THEORY PAPER : PHYSIOLOGY				
APR	24	PRACTICAL				
APR	25	PRACTICAL				
APR	26	PRACTICAL				
APR	27	SUNDAY				

Month	Date	9-11.00 am	11.00-12.00 noon	12.00-1.00 pm	2.00-3.00 pm	3.00-5.00 pm
APR	**28**	PY10.19 DOAP Obtain relevant history and conduct correct General and Clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes in a normal volunteer or simulated environment	AN 36.5 L Describe the pharyngeal spaces. Boundaries and clinical significance of pyriform fossa	CM 6.1 L Formulate research question for a study	PY10.1 L Describe and discuss the functional organization of central nervous system (brain and spinal cord)	AN 37.1 SGT Describe and demonstrate features of nasal septum, lateral wall of nose, their blood supply and nerve supply
APR	**29**	AN 37.2 SGT Describe location and functional anatomy of paranasal sinuses,	AN 36.6 L anatomical basis of tonsilites, tonsillectomy, adenoids and peri-tonsillar abscess	BC 10.4 L Describe replication	PY10.3L Classify the neurotransmitters and discuss the chemical transmission in the nervous system	PY10.19 DOAP Obtain relevant history and conduct correct General and Clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes in a normal volunteer or simulated environment
APR	**30**	AN 38.1 SGT Describe Morphology identify structure of the wall, nerve supply, blood supply and actions of intrinsic and extrinsic muscles of the larynx	AN 36.7 L Clinical Significance of Killian's dehiscence	PY10.4 L Discuss the classification, functions and properties of synapse	AN 43.3 SGT Microantomy of Optic nerve cochlea-organ of corti	BC 14.15 Demo DNA Isolation
MAY	**1**	PY10.19 DOAP Obtain relevant history and conduct correct General and Clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes in a normal volunteer or simulated environment	AN 37.3 L Anatomical basis of sinusitis and maxillary sinus tumours	BC 10.4 L Describe replication	PY10.5 L Discuss the classification, functions and properties of reflex	AN 39.1 SGT Describe the extrinsic and intrinsic muscles of tongue
MAY	**2**	BC 14.14 Demo Estimation of serum calcium and phosphorus	AN 38.2 L Describe anatomical aspects of Laryngitis	PY10.5 L Discuss the classification, functions and properties of reflex	BC 10.4 L Describe steps of transcription	AN 40.1 SGT Describe and identify the parts, blood supply and nerve supply of external ear, middle ear and auditory tube
MAY	**3**	Family Adoption Program				
MAY	**4**	**SUNDAY**				

Month	Date	9-11.00 am	11.00-12.00 noon	12.00-1.00 pm	2.00-3.00 pm	3.00-5.00 pm
MAY	5	PY10.19 DOAP Obtain relevant history and conduct correct General and Clinical examination of the nervous system Higher functions,sensory system, motor system, reflexes in a normal volunteer or simulated environment	AN 38.3 L Describe anatomical basis of recurrent laryngeal nerve injury	CM 6.2 L Describe and discuss the principles of collection, classification, analysis, interpretation and presentation of statistical data	PY10.6 L Discuss the classification, functions and properties of receptors	AN 40.2 SGT Describe and demonstrate the boundaries, contents, relations and functional anatomy of middle ear and auditory tube
MAY	6	AN 41.1 SGT Describe the demonstrate parts and layers of eye ball	AN 39.2 L Explain the anatomical basis of hypoglossal nerve palsy	BC 10.4 L Describe steps of transcription	PY10.7 L Discuss somatic sensations, ascending tracts, (sensory tracts) andapplied aspects of sensory system	PY10.19 DOAP Obtain relevant history and conduct correct General and Clinical examination of the nervous system: Higher functions, sensory system, motor system
MAY	7	AN 41.3 SGT Describe The position, nerve supply and actions of intraocular muscles	AN 40.3 L Describe the features of internal ear	PY10.8 L Discuss Physiology of pain including pain pathways and its modulation with special emphasis on gate control theory of pain	AN 36.6, 38.2, 38.3, 40.4, SGT 40.5 ECE Anatomical basic of tonsillitis , Laryngitis, laryngeal nerve injury, otitis externa and otitis media, myringotomy	Term 2 Feed back session
MAY	8	PY10.19 DOAP Obtain relevant history and conduct correct General and Clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes in a normal volunteer or simulated environment	AN 40.4 ,L Anatomical basis of otitis externa and otitis media	BC 10.4 L Describe major steps in translation	PY10.8 L Discuss Physiology of pain including pain pathways and its modulation with special emphasis on gate control theory of pain	AN 42.1 SGT Demonstrate the contents of the vertebral canal
MAY	9	Assessment of certifiable competencies	AN 40.5 L Anatomical basis of myringotomy	PY10.9 L Describe the course of descending tracts (pyramidal and extra pyramidal), its clinical implications including difference in Upper motor neuron (UMN)and lower motor neuron (LMN)lesions	BC 10.4 L Describe major steps in translation	AN 42.2 SGT Describe and demonstrate the boundaries and contents of suboccian 36.6pital triangle
MAY	10	AETCOM MODULE 1.4 SGD Communication skills (ANATOMY)		AN 41.2 L Describe the anatomical aspects of cataract, glaucoma and central retinal artery occlusion		
MAY	11	SUNDAY				

Month	Date	9-11.00 am	11.00-12.00 noon	12.00-1.00 pm	2.00-3.00 pm	3.00-5.00 pm
MAY	12	HOLIDAY				
MAY	13	AN 43.1 SGT Demonstrate the movements with muscles producing the movements of atlantooccipital joint and atlantoaxial joint	AN 42.3 L Describe The position, direction of fibres, relations, nerve supply, actions of semispinalis and splenius capitis	BC 10.4 L Describe major steps in translation	PY10.9 L Describe the course of descending tracts (pyramidal and extra pyramidal), its clinical implications including difference in Upper motor neuron (UMN)and lower motor neuron (LMN) lesions	PY10.19 DOAP Obtain relevant history and conduct correct General and Clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes in a normal volunteer or simulated environment
MAY	14	AN 43.2 SGT Identify describe and draw the microanatomy of pituitary gland, thyroid, parathyroid gland, tongue, salivary gland, tonsil, epiglottis	AN 43.4 LDevelopmental basis of congenital anomalies of face, palate, tongue, branchial apparatus, pituitary gland thyroid gland and eye	PY10.10 ECE Discuss types and clinical features of spinal cord lesions (complete, incomplete transection and hemisection - Brown Sequard syndrome)	SDL X Developmental basis of congenital anomalies of face, palate, tongue, branchial apparatus, pituitary gland thyroid gland and eye	BC 14.19 SGT Rationale of biochemical tests done in renal failure, nephrotic syndrome, gout
MAY	15	DOAP Competency assessment and certification PY 10.19	AN 43.8 L Describe The anatomical route used for carotid aniogram and vertebral	BC 10.5 L Describe DNA Repair, Mutations	PY10.11 L Describe functional anatomy of cerebellum, its connections, functions and clinical abnormalities .	AN 43.3 SGT Microanatomy of olfactory epithelium , eye lid, lip, optic nerve, cochlea-organ of corti, sclera-corneal junction, pineal gland
MAY	16	Assessment of certifiable competencies	AN 56.1 L Describe and identify various layers of meninges with its extent and modifications	PY10.11 L Describe functional anatomy of cerebellum, its connections, functions and clinical abnormalities	BC 10.6 L Describe regulation of gene expression	AN 43.5 SGT Demonstrate- Testing of muscles of facial expression, extraocular muscles, muscles of mastication, palpation of carotid arteries
MAY	17	AETCOM MODULE 1.4 SGD Communication skills (ANATOMY)	PY10.12 L Discuss functional anatomy of basal ganglia , its connections, functions and Clinical abnormalities .	AN 56.2 SGT Describe formation , circulation and absorption of CSF with its applied anatomy		
MAY	18	SUNDAY				

Month	Date	9-11.00 am	11.00-12.00 noon	12.00-1.00 pm	2.00-3.00 pm	3.00-5.00 pm
MAY	19	DOAP Competency assessment and certification PY10.19	AN 57.2 L Describe extent of spinal cord in child and adult with its clinical implication	CM SGT 6.3 Describe, discuss and demonstrate the application of elementary statistical methods including test of significance.	PY10.12 L Discuss functional anatomy of basal ganglia , its connections, functions and Clinical abnormalities .	AN 43.6 SGT Demonstrate surface projection of –Thyroid gland, parotid gland and duct pterion ,common carotid artery,
MAY	20	AN 43.7 SGT Plain X-ray skull, AP View and lateral view, plain x-ray cervical spine AP and lateral view	AN 57.3 L Draw and label transverse section of spinal cord at mid cervical and mid thoracic level	BC 10.6 L Describe regulation of gene expression	PY10.13 SGT Discuss the mechanism of maintenance of tone, posture and control ofbody movements	DOAP Competency assessment and certification PY10.19
MAY	21	AN 43.9 SGT Identify anatomical structures in carotid angiogram and vertebral angiogram	AN 57.4 L Enumerate ascending and descending tracts at mid thoracic level of spinal cord	PY10.14 L Discuss functional anatomy of thalamus , its connections, functions and clinical abnormalities	AN 68.1 SGT Identify multipolar & unipolar neuron, ganglia, peripheral nerve under the microscope	Assessment of certifiable competencies
MAY	22	DOAP Competency assessment PY10.19	AN 57.5 L Describe the anatomical basis of clinical conditions affecting the grey and white matter of spinal cord	BC 10.6 L Describe regulation of gene expression	PY10.15 L Discuss functional anatomy of hypothalamus and limbic system its connections, functions & clinical abnormalities	AN 57.1 SGT Identify External features of spinal cord
MAY	23	BC 14.20 DOAP Describe and identify pre-, analytical and post analytical errors in lab	AN 58.2 L Describe transverse section of medulla oblongata at the level	PY10.15 L Discuss functional anatomy of hypothalamus and limbic system , its connections, functions and clinical abnormalities .	BC 10.7 L Describe applications of molecular techniques	AN 58.1 SGT Identify external features of medulla oblongata
MAY	24	**ECE Anatomy** AN 58.4 Describe the anatomical basis of clinical conditions affecting the medullar oblongata ,pons,midbrain&spinal cord carotid angiogram		AN 58.3 L Describe cranial nerve nuclei in medulla oblongata		
MAY	25	**SUNDAY**				

Month	Date	9-11.00 am	11.00-12.00 noon	12.00-1.00 pm	2.00-3.00 pm	3.00-5.00 pm
MAY	26	Test Topic: CNS I	AN 58.4 L Describe the anatomical basis of clinical condition affection the medulla oblongata	CM LEC 6.4 Describe, discuss and demonstrate common sampling techniques and simple statistical methods.	PY10.16 L Discuss functional anatomy of cerebral cortex, its connections, functions and Clinical abnormalities	AN 59.1 SGT Identify external features of pons
MAY	27	AN 60.1 SGT Describe and demonstrate external and internal features of cerebellum	AN 59.2 L Draw and label transverse section of PONS at the upper and lower level	BC 10.7 L Describe applications of molecular techniques	PY10.17 SGT Discuss the structure and functions of reticular activating system, sleep physiology and EEG waveforms during sleep wake cycle	PY10.20 DOAP Obtain relevant history and conduct correct General and Clinical examination of the cranial nerves in a normal volunteer or simulated environment
MAY	28	AN 61.1 SGT Identify external and internal features of mid brain	AN 59.3 L Describe cranial nerves nuclei in pons	PY10.18 SGT Discuss the physiological basis of memory, learning and speech and clinical alterations in speech	AN 68.2 L describe the structure function correlation of neuron	BC 14.21 DOAP Describe quality control and identify basic LJ charts
MAY	29	PY10.20 DOAP Obtain relevant history and conduct correct General and Clinical examination of the cranial nerves in a normal volunteer or simulated environment	AN 59.4 L Describe the anatomical basis of clinical conditions affection the Pons	BC 10.7 L Describe applications of molecular techniques	PY11.1 SGT Describe and discuss physiology of smell and its applied aspects	AN 62.2 SGT Describe and demonstrate surfaces, Sulci, gyri, poles and function areas of cerebral hemispheres
MAY	30	BC 14,24 SGT Observe, interpret,and discuss baseline, diagnostic and prognostic investigations in Biochemistry Lab	AN 60.2 L Describe connection of cerebellar cortex and intracerebellar nuclei	PY11.2 L Describe and discuss physiology of taste sensation and applied aspects	BC 12.1 SGT Discuss xenobiotics in health and disease	AN 62.6 SGT Describe and identify formation branches and major areas of distribution of circle of Willis
MAY	31	**ECE Biochemistry** **GOUT**		AN 60.3 L Describe anatomical basis of cerebellar dysfunction		
JUN	1	**SUNDAY**				

Month	Date	9-11.00 am	11.00-12.00 noon	12.00-1.00 pm	2.00-3.00 pm	3.00-5.00 pm
JUN	2	FA ANATOMY		CM SGT 6.5 Able to understand use of statistical software for the data analysis	PY11.3 L Describe and discuss functional anatomy of ear and auditory pathways, vestibular apparatus and equilibrium	AN 63.1 SGT Describe and demonstrate parts, boundaries and features of 3rd, 4h and lateral ventricle
JUN	3	AN 64.1 SGT Describe and identify the micro anatomical features of spinal cord, cerebellum, cerebrum	AN 61.2 L Describe internal features of mid brain at the level of superior and inferior colliculus	BC 12.2 L Describe antioxidant defence system	PY11.3 L Describe and discuss functional anatomy of ear and auditory pathways, vestibular apparatus and equilibrium	PY10.20 DOAP Obtain relevant history and conduct correct General and Clinical examination of the cranial nerves in a normal volunteer or simulated environment
JUN	4	AN 63.1 SGT Describe and demonstrate parts, boundaries and features of 3rd, 4h and lateral ventricle	AN 61.3 L Describe the anatomical basis of clinical conditions the midbrain	PY11.4 L Discuss physiology of hearing, pathophysiology of deafness and hearing tests	AN 46.1 SGT Microanatomy of testis , epididymis, penis	Assessment of certifiable competencies
JUN	5	PY10.20 DOAP Obtain relevant history and conduct correct General and Clinical examination of the cranial nerves in a normal volunteer or simulated environment	AN 62.1L Describe the cranial nerves nuclei with its functional components	BC 12.2 L Describe antioxidant defence system	PY11.5 SGT Discuss functional anatomy of eye, visual pathway, light and pupillary reflex and clinical implication of lesions in visual pathway	AN 73.1 SGT Describe the structure of chromosomes with classifications
JUN	6	Assessment of certifiable competencies	AN 62.3 L Describe the white matter of cerebrum	PY11.5 L Discuss functional anatomy of eye, visual pathway, light and pupillary reflex and clinical implication of lesions in visual pathway	BC 12.3 L Describe the role of oxidative stress in various diseases	AN 73.2 SGT Describe Technique of karyotyping with its application
JUN	7	HOLIDAY				
JUN	8	SUNDAY				

Month	Date	9-11.00 am	11.00-12.00 noon	12.00-1.00 pm	2.00-3.00 pm	3.00-5.00 pm
JUN	9	FA BIOCHEMISTRY		CM SGT 6.5 Able to understand use of statistical software for the data analysis	PY11.5 L Discuss functional anatomy of eye, visual pathway, light and pupillary reflex and clinical implication of lesions in visual pathway	AN 73.3 &74.1 SGT Describe mendelian and non-mendelian inheritance&Describe the Lyon's hypothesis
JUN	10	AN 74.2 SGT Draw pedigree charts of various types of inheritance and give examples of disease of each mode of inheritance	AN 62.4 L Describe the parts and major connection of basal ganglia and limbic lobe	BC 12.3 L Describe the role of oxidative stress in various diseases	PY11.6 ECE Discuss physiology of image formation, refractive errors	PY10.20 DOAP Obtain relevant history and conduct correct General and Clinical examination of the cranial nerves in a normal volunteer or simulated environment
JUN	11	AN 74.3 SGT Describe multifactorial inheritance with examples	AN 62.5 L Describe boundaries, parts gross relations , major nuclei and connection of dorsal thalamus, hypothalamus and subthalamus	PY11.7 Flipped class Discuss physiology of vision including colour vision and colour blindness	AN 68.3 SGT Describe the ultrastructure of nervous system	BC 14.22 SGT Describe performance of OGTT and HbA1c estimation
JUN	12	PY10.20 DOAP Obtain relevant history and conduct correct General and Clinical examination of the cranial nerves in a normal volunteer or simulated environment	AN 63.2 L Describe anatomical basis of congenital hydrocephalus	BC 13.1 L Describe oncogenesis and oncogenes	PY12.1 SGT Describe physiological mechanism of temperature regulation	AN 74.4 SGT Describe the genetic basis and clinical features of achondroplasis, cystic fibrosis ,Vitamin D Resistant
JUN	13	BC 14.23 SGT Calculate energy content of various food items and glycemic index	AN 63.3 L Describe The olfactory, visual, auditory and gustatory pathways	PY12.2 L Discuss adaptation to altered temperature (heat and cold) and mechanism of fever, cold injuries and heat stroke	BC 13.1 L Describe p53, Apoptosis	AN 60.1 SGT Describe and demonstrate external and internal features of cerebellum
JUN	14	**ECE Physiology**		AN 64.2 L Describe the development of neural tube, spinal cord, medulla oblongata,pons,midbrain,cerebral hemisphere and cerebellum		
JUN	15	**SUNDAY**				

Month	Date	9-11.00 am	11.00-12.00 noon	12.00-1.00 pm	2.00-3.00 pm	3.00-5.00 pm
JUN	16	FA PHYSIOLOGY CNS Test II including special senses		CM 9.1 L Define and describe the principles of demography, demographic cycle and vital statistics	PY12.3 L Discuss cardio-respiratory and metabolic adjustments during exercise (isometric and isotonic	AN 57.5 & 59.4 SGT Describe the anatomical basis of clinical conditions affecting the grey and white matter of spinal cord
JUN	17	AN 61.1 SGT Identify external and internal features of mid brain	AN 64.3 L Describe Various types of open neural tube defects	BC 13.2 SGT Describe tumour markers and basis of cancer therapy	PY12.4 SGT Discuss physiological consequences of sedentary lifestyle; metabolic and endocrinal consequences of obesity	DOAP Competency assessment and certificationPY10.20
JUN	18	AN 62.2 SGT Describe and demonstrate surfaces, Sulci, gyri, poles and function areas of cerebral hemispheres	AN 75.4 L Describe genetic basis of variation: polymorphism and mutation	PY12.6 L Describe and discuss physiology of aging, role of free radicals and antioxidants	AN 75.2 L Explain the terns mosaics and chimeras with example	BC 14.19 Clinical case studies Diabetes mellitus, Obesity, dyslipidemia
JUN	19	DOAP Competency assessment and certification PY10.20	AN 75.5 L Describe in brief : genetic counselling, karyotyping, FISH, PCR and genetic sequencing	BC 13.3 L Discuss HIV and biochemical changes in AIDS		AN 58.4, 61.3 SDL XI Describe the anatomical basis of clinical condition affection the medulla oblongata Describe the anatomical basis of clinical conditions the midbrain
JUN	20	BC 14.19 Clinical case studies Genetic disorders	AN 77.6 L Describe tertogenic influences, fertility and sterility , surrogate , sex ratio	PY12.7 SGT Discuss the concept, criteria for diagnosis of Brain death and its implications	BC 13.4 L Discuss alcohol metabolism and biochemical changes in chronic alcoholism	AN 63.1 SGT Describe and demonstrate parts, boundaries and features of 3rd, 4h and lateral ventricle
JUN	21	AN 62.6 SGT Describe and identify formation branches and major areas of distribution of circle of Willis		AN 63.1 L Describe and demonstrate parts, boundaries and features of 3rd, 4h and lateral ventricle		
JUN	22	SUNDAY				

Month	Date	9-11.00 am	11.00-12.00 noon	12.00-1.00 pm	2.00-3.00 pm	3.00-5.00 pm
JUN	23	DOAP Competency assessment and certification PY10.20	AN 78.1 L Describe cleavage and formation of blastocyst	CM 9.2 L Define, calculate and interpret demographic indices including birth rate, death rate and fertility rates	PY8.1 L Describe the functional anatomy of endocrine glands, mechanism of hormonal action (steroid and peptide) and hypothalamus pituitary axis {HPA}	AN 8.1 SGT Identify the given bone, its side, anatomical position, joint formation, important features and clinical anatomy (Clavicle, scapula, humerus, radius, ulna, carpal bones)
JUN	24	AN 9.1,10.1,10.2,10.3 SGT Pectoral Region and Axilla	AN 78.2 L Describe development of trophoblast	BC 13.5 SGT Discuss artificial intelligence in Clinical laboratory practices	PY8.1 L Describe the functional anatomy of endocrine glands,mechanism of hormonal action (steroid and peptide) and hypothalamus pituitary axis{HPA}	DOAP Competency assessment and certification PY10.20
JUN	25	AN 10.8,10.10, 10.11 SGT Scapular region	AN 78.3 L Describe the process of implantation and common abnormal sites of implantation	PY8.2 SGT Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland	AN 10.12 L Shoulder Joint	BC 14.19 L Fatty liver
JUN	26	PY12.9 DOAP Obtain history and perform general examination in the volunteer / simulated environment	AN 78.4 L Describe the formation of extra-embryonic mesoderm and coelom, bilaminar disc and prochordal plate	BC 11.2 L Discuss mechanism of hormone action	PY8.2 SGT Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland	AN 11.1,11.2,11.5,11.6 SGT Arm and cubital fossa
JUN	27	Assessment of certifiable competencies	AN 78.5 L Describe abortion, decidual reaction and pregnancy test	PY8.4 L Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of adrenal gland and its function tests	BC 11.2 L Discuss mechanism of hormone action	AN 12.1,12.2 SGT Forearm and Hand
JUN	28	Family Adoption Program				
JUN	29	SUNDAY				

Month	Date	9-11.00 am	11.00-12.00 noon	12.00-1.00 pm	2.00-3.00 pm	3.00-5.00 pm
JUN	30	PY12.10 DOAP Demonstrate Basic Life Support in a simulated environment	AN 79.1 L Describe the formation & fate of the primitive streak	CM 9.3 L Enumerate and describe the causes of declining sex-ratio and its social and health implications	PY8.4 L Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper)	AN 43.9 AN 43.9 SGT Identify anatomical structures in carotid angiogram and vertebral angiogram
JUL	1	AN 13.1 - 13.6 SGT General features , joints, radiographs and upper limb	AN 79.2 L Describe formation of & fate of notochord	BC 11.2 L Discuss mechanism of hormone action	PY8.5 L Describe the synthesis, secretion, transport, physiological actions, regulation & effect of altered (hypo & hyper)	DOAP Revision of hematology practical
JUL	2	AN 14.1,14.2,14.3,14.4 SGT Bones Lower limb	AN 79.3 LDescribe the process of neurulation	PY8.5 L Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of parathyroid gland	AN 14.4 L Articulated foot	Assessment of certifiable competencies
JUL	3	DOAP Revision of hematologypracticals	AN 79.4 L Describe the development of somites and intra- embryonic coelom	BC 11.2 SGT Discuss pituitary hormones	PY8.6 SGT Describe the synthesis, secretion, transport, physiological actions, regulation & effect of altered (hypo and hyper) secretion of pancreatic gland including pancreatic function tests	AN 15.1,15.2,15.3,15.4 SGT Front and Medial side of thigh
JUL	4	Assessment of certifiable competencies	AN 79.5 L Explain embryological basis of congenital malformations, nucleus pulposus, sacrococcygealteratomas, neural tube defects	PY8.6 SGT Describe the synthesis, secretion, transport, physiological actions, Regulation & effect of altered (hypo & hyper) secretion of pancreatic gland including pancreatic function tests	BC 11.2 SGT Describe thyroid hormones	AN 15.5 SGT Adductor canal
JUL	5	**ECE Anatomy** AN 13.5, 20.6 Radiographs of shoulder region, arm, elbow, forearm and hand, Identify the bones and joints of lower limb		AN 79.6 L Describe the diagnosis of pregnancy in first trimester, role of teratogens, alpha-fetoprotein		
JUL	6	**SUNDAY**				

Month	Date	9-11.00 am	11.00-12.00 noon	12.00-1.00 pm	2.00-3.00 pm	3.00-5.00 pm
JUL	7	DOAP Revision of hematology practical	AN 80.1 L Describe formation, function & fate of chorion, amnion, yolk sac, allantois & decidua	CM 9.4 L Enumerate and describe the causes and consequences of population explosion and population dynamics of India	PY8.7 L Describe the physiology of Thymus & Pineal Gland	AN16.1- 16.5 SGT Gluteal region and back of thigh
JUL	8	AN 16.6 SGT Popliteal Fossa	AN 80.2 L Describe formation of umbilical cord	BC 11.1 L Describe thyroid function tests	PY8.7 L Describe the physiology of Thymus & Pineal Gland	DOAP Revision of hematologypracticals
JUL	9	AN 17.1-17.3 SGT Hip Joint	AN 75.1 L Describe the structural and numerical chromosomal aberrations	Student seminar PY1.4	AN 18.1-18.3 SGT Anterior compartment of leg & dorsum of foot	Assessment of certifiable competencies
JUL	10	DOAP Revision of experimental lab graphs	LAN 18.4-18.5,18.6 L Knee joint	BC 11.1 L Discuss adrenal function tests	Student seminar PY2.5	AN 18.4-18.5,18.6 SGT Knee joint
JUL	11	BC 14.19 SGT Rationale of biochemical tests done in vitamin deficiency, nutritional and mineral disorders	AN 19.5 t- 19.7 L club foot & flat foot	Student seminar PY5.6	BC 11.2 SGT Discuss reproductive hormones	AN19.1-19.4 SGT Back of leg & sole
JUL	12	**ECE Biochemistry** Thyroid disorders		AN 20.3 L Fascia Lata		
JUL	13	**SUNDAY**				

Month	Date	9-11.00 am	11.00-12.00 noon	12.00-1.00 pm	2.00-3.00 pm	3.00-5.00 pm
JUL	14	Test Topic: Integrated Physiology and Endocrine system	AN 20.2 L Subtalar and transverse tarsal joints	CM LEC 9.5 Describe he methods of population control	Student seminar PY5.11	AN20.1 SGT Joints Radiographs, surface marking lower limb
JUL	15	AN 21.1 SGT Sternum, typical rib and thoracic vertebra	AN 21.3 L Thoracic inlet syndrome	BC 11.2 L Discuss markers of reproductive health	Student seminar PY5.13	DOAP Human/clinical Physiology Lab Leaving
JUL	16	AN 21.4 -21.6 SGT Typical intercostal space	AN 21.9 L Mechanics and types of respiration	Student seminar PY7.3	AN 22.3 SGT coronary arteries	QUIZ 1
JUL	17	DOAP Human/clinical Physiology Lab Leaving	AN 22.2 L Chamber of heart	BC 11.2 L Discuss importance of prenatal screening	Student seminar PY9.4	AN 23.3 SGT Azygos veins
JUL	18	QUIZ 2	AN 23.2 L Thoracic duct	Student seminar PY10.4	BC 11.1 SGT Describe renal function tests	AN 23.1 SGT Oesophagus
JUL	19	**ECE Physiology**		AN 23.5 L SGT Sympathetic chain		
JUL	20	**SUNDAY**				

Month	Date	9-11.00 am	11.00-12.00 noon	12.00-1.00 pm	2.00-3.00 pm	3.00-5.00 pm
JUL	21	DOAP Human/clinical Physiology Lab Leaving	AN 24.1 L Pleura	CM LEC 9.6 Describe the National Population Policy.	Student seminar PY10.5	AETCOM MODULE 1.5 Closing Session Cadaver as a first teacher (ANATOMY)
JUL	22	AN 26.1-26.5 SGT SKull Osteology cervical vertebrae	AN 24.3L Bronchopulmoanry Segments	QUIZ 3	Student seminar PY10.6	DOAP Revision of clinical examination of CNS, CVS, Respiratory, Abdomen and general physical examination
JUL	23	AN 28.1-10 SGT Face And parotid region	AN AN 28.4 L Facial nerve	SGT PY10.7	AN 29.1 SGT Posterior triangle of neck	Assessment of certifiable competencies
JUL	24	DOAP Revision of clinical examination of CNS, CVS, Respiratory, Abdomen and general physical examination	AN 31.1 L Orbit, ocular muscle	QUIZ 4	SGT PY10.9	AN 30.1 , 30.3 SGT Dural folds, Cranial cavity
JUL	25	Assessment of certifiable competencies	AN 32.1 L Anterior triangle	Tutorial PY10.10	QUIZ 5	AN 33.1-33.5 SGT Temporal And infratempral regions
JUL	26	AN 34.1-34.3 SGT Submandibular region	SGT 10.11	AN 35.1-35.10 L Deep structures in the neck		
JUL	27	SUNDAY				

Month	Date	9-11.00 am	11.00-12.00 noon	12.00-1.00 pm	2.00-3.00 pm	3.00-5.00 pm
JUL	28	DOAP Revision of Examination of all cranial nerves	AN 36.1-36.7 L Mouth, Pharynx and palate	CM LEC 9.7 Enumerate the sources of vital statistics including census, SRS, NFHS, NSSO etc	SGT PY10.12	AN 37.1-37.3 SGT Nose
JUL	29	AN 39.1-39.2 SGT Tongue	AN 38.1-38.3 L Larynx	QUIZ 6	SGT PY10.16	DOAP Revision of Mosses Ergography
JUL	30	AN 41.1-41.3 SGT Eye ball	AN 40.1-40.5 L Organs of hearing	SGT PY10.18	AN 44.1-44.7 SGT Anterior abdominal wall	Assessment of certifiable competencies
JUL	31	DOAP Revision of Harvard Step test	AN 47.1 –47.14 L Abdominal cavity	QUIZ 7	SGT PY11.4	AN 48.1 -48.8 SGT Pelvic wall and viscera
AUG	1	Assessment of certifiable competencies	AN 58.1-58.4 L Medulla oblongata	SGT PY11.5	QUIZ 8	AN 59.1-59.4 SGT Pons
AUG	2	SUMMATIVE ASSESSMENT	SGT PY 12.3	AN 60.1-60.3 L Cerebellum		
AUG	3	SUNDAY				

Month	Date	9-11.00 am	11.00-12.00 noon	12.00-1.00 pm	2.00-3.00 pm	3.00-5.00 pm
		SEND UP EXAMINATIONS				
AUG	4	ANATOMY: PAPER A				
AUG	5	ANATOMY: PAPER B				
AUG	6	BIOCHEMISTRY: PAPER A				
AUG	7	BIOCHEMISTRY: PAPER B				
AUG	8	PHYSIOLOGY: PAPER A				
AUG	9	PHYSIOLOGY: PAPER B				
AUG	10	SUNDAY				

Month	Date	9-11.00 am	11.00-12.00 noon	12.00-1.00 pm	2.00-3.00 pm	3.00-5.00 pm
AUG	11	SEND UP: PRACTICAL				
AUG	12	SEND UP: PRACTICAL				
AUG	13	SEND UP: PRACTICAL				
AUG	14	FEED BACK				
AUG	15	HOLIDAY				
AUG	16	HOLIDAY				
AUG	17	SUNDAY				

Month	Date	9-11.00 am	11.00-12.00 noon	12.00-1.00 pm	2.00-3.00 pm	3.00-5.00 pm
AUG	18	VACATION				
AUG	19					
AUG	20					
AUG	21					
AUG	22					
AUG	23					
AUG	24					

Month	Date	9-11.00 am	11.00-12.00 noon	12.00-1.00 pm	2.00-3.00 pm	3.00-5.00 pm
Sept	UNIVERSITY FINAL EXAMINATIONS					