GOVERNMENT MEDICAL COLLEGE & HOSPITAL, CHANDIGARH

TIME TABLE MBBS PHASE I (BATCH 2025)

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. Anemia
2. CAD/MI
3. Hypertension
4. Thyroid Disorders.
5. Diabetes Mellitus
6. Tuberculosis

Prof. SS LEHL
Coordinator, MEU
GMCH, Chandigarh

1/10/2025

Prof. GP Thami
Director Principal
GMCH, Chandigarh

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	5.00-6.00 pm
23/09/2025	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	Sports & Extracurricular
24/09/2025	National Health goals and policies	Role of the doctors at various levels of Health care delivery and their impact	History of Medicine & Alternative Medicine	Mentorship program	Orientation to Hospital & College Campus: Visit to Hospital, Academic Blocks, Library		Computer and Language Skills	Sports & Extracurricular
25/09/2025	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	Basic disaster management & BMW Disposal	Computer and Language Skills	Sports & Extracurricular
26/09/2025	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	Sports & Extracurricular
27/09/2025	**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	5.00-6.00 pm
29/09/2025	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	Sports & Extracurricular
30/09/2025	Care of patient	The Dying patient	Competence in dealing with Disability, Cultural diversity & Gender sensitivity	Competence in dealing with Cultural diversity & Gender sensitivity	Learning skills (SDL, peer/ learning, e-learning, simulation learning)		Computer and Language Skills	Sports & Extracurricular
01/10/2025	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	Sports & Extracurricular
03/10/2025	Stress Management	Documentation Of Medical Records	Creative Writing		First Aid	Leadership Skills	Computer and Language Skills	Sports & Extracurricular
04/10/2025	Basic life support				Yoga in Medicine			

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	6	PY2.11 DOAP Introduction to Physiology	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	7	**MAHARISHI VALMIKI BIRTHDAY**				
OCT	8	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 SGD Introduction To Biochemistry	PY1.1 L Describe intercellular communication and their applications in Clinical care and research	PY2.11 DOAP Study of Microscope Focussing and observing artefacts under the microscope
OCT	9	AITO: HT Session 1 AN 5.1, 5.2,5.3, 5.4 SGT Differentiate between blood vascular and lymphatic system. NESTING	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	10	PY2.11 DOAP Study of Microscope Focussing and observing artefacts under the microscope	AN 3.1, 3.3SGT Classify muscle tissue according to structure & action, Explain Shunt and spurt muscles	BC1.1 L Describe the sub- cellular components	PY1.4 L Various transport mechanisms across cell membranes	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
OCT	11	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	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		
OCT	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
OCT	**13**	PY2.11DOAP Focussing and examining artefacts under the microscope	AN 6.1, 6.2, 6.3L List the components lymphatic system, lymph capillaries & lymph circulation	CM 1.2 L Define health, concept of holistic health, spiritual health and health determinants	PY1.3 L Describe apoptosis mechanism of action and physiological significance	AN 4.3, 4.4 SGD Superficial fascia along with fat distribution in body, deep fascia
OCT	**14**	AN 14.1, 14.2, 14.3, 17.2 SGT Describe the importance of ossification of lower end of femur , fracture neck of femur	AITO: HT Session 2 AN 5.5,5.6,5.7,5.8 LPY 5.7 Describe Portal system, concept of anastomoses, collateral circulation	BC 1.1 L Describe the transport across cell membrane, types of transporters, disorders related to transport.	PY1.4 L Various transport mechanisms across cell membranes	PY2.11DOAP Focussing and examining artefacts under the microscope
OCT	15	AN 14.2 AN 14.1SGT Identify the given bone, its side, anatomical position, joint formation, important features	AN 7.1, 7.2, 7.3, 7.4 L Describe general plan of nervous system with components of CNS & ANS	PY1.5 L Describe the fluid compartments of the body, its ionic composition & measurement methods	AN 65.1L Identify epithelium under the microscopic	BC DOAP Carbohydrate Colour Reactions
OCT	16	PY2.11DOAP Preparation of peripheral blood smear	AN7.5L, Describe principles of sensory and motor innervations of muscles	BC 1.1 L Describe the transport across cell membrane, types of transporters, disorders related to transport.	PY1.6 L Describe the concept of pH & Buffer systems in the body	AN 14.1,14.2 SGT Describe the importance of ossification of and upper end of tibia,
OCT	17	BC DOAP Carbohydrate Colour Reactions	AN 7.6, 7.7, 7.8 L Describe concept of loss of innervation of a muscle with its applied anatomy,	PY1.7 L Molecular basis of resting membrane potential (RMP) and generation of action potential	BC 5.1 L Describe amino acid structure, classification and biological importance	AN 14.3 14.4 SGT Describe the importance of ossification of and explain violation of law of ossification in fibula. Identify and name various bones in the articulated foot with individual muscle attachment
OCT	18	AN 15.2 SGT Major muscles with their attachment, nerve supply and actions	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		
OCT	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
OCT	20	HOLIDAY				
OCT	21	AN 16.2 & 16.3 SGT Describe structures under the cover of gluteus Maximus, anatomical basis of sciatic nerve	AN 15.3,15.4 L Boundaries of femoral riangle and anatomical basis of Psoas abscess & Femoral Hernia	BC 5.1 L Describe amino acid structure, classification and biological importance	PY1.7 Tutorial Describe the molecular basis of RMP and generation of action potential in a nerve fibre	Anemia AITo Session 1 L PY2.4 PY2.3 PA 13.1 Sharing
OCT	22	AN 16.4 SGT Describe and demonstrate the hamstrings group of muscles with their attachment, nerve supply and action	AN 15.5 L Describe and demonstrate adductor canal with its contents	PY2.1 L Describe the composition and functions of blood and its components	AN 70.1L Identify exocrine gland under the microscope	BC DOAP Protein Colour Reactions
OCT	23	PY2.11DOAP Preparation, staining and identifying blood cells	AN 16.11 L Major muscles with their attachment, nerve supply and actions gluteal region	BC 5.2 L Describe and discuss structural organization of proteins and clinical aspects	PY2.2LDiscuss the origin, forms, variations and functions of plasma proteins	AN 16.6SGT Describe and demonstrate the boundaries, roof, floor, contents and relations of popliteal fossa with its clinical anatomy
OCT	24	BC DOAP Protein precipitation Reactions	AN 17.1 L Describe, articular surfaces, capsule, synovial membrane, ligaments, relations	PY2.2L Discuss the origin, forms, variations and functions of plasma proteins and its clinical implications	BC 5.2 L Describe and discuss structural organization of proteins and clinical aspects	**SDL-I** AN 17.3 Describe dislocation of hip joint and surgical of hip replacement
OCT	25	AN 18.1 18.2 SGT demonstrate major muscles of anterior compartment of leg Describe and demonstrate origin, course, relations , branches,	AN 16.5 L Describe rigin, course, relations, branches, termination of importance nerves on the back of thigh	PY2.3L Physiological structure, synthesis , functions and breakdown of Hemoglobin		
OCT	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
OCT	**27**	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	CM 1.3 L Describe the characteristics of agent, host and environmental factors and multifactorial etiology of disease	PY2.3L Describe the physiological structure, synthesis , functions and breakdown of Hemoglobin.	AN 18.3 SGT Explain anatomical basis of foot drop
OCT	**28**	AN 18.4 18.5 SGT Describe type surfaces, capsule, ligaments, relations, and movement' anastomosis around the knee joint.	AN 76.1 , 76.2 ,77.1, 77.2 L Describe the stages of human life	BC 6.1 L List the functions and components of the extracellular matrix (ECM).	PY2.3L Describe the physiological structure, synthesis , functions and breakdown of Hemoglobin.	PY2.11DOAP Estimate Hb, RBC, TLC, DLC, Blood groups, BT/CT, RBC indices
OCT	**29**	AN 18.4 18.5 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	PY2.4L Describe Erythropoiesis & discuss its regulation in physiological and pathological situations	AN 66.1 & 66.2 L Describe and identify various types of connective tissue with functional correlations	Anemia AITo session 2 L BC 5.8 PA14.1 PE13.1 Nesting Structure Hb metab Porphyrin
OCT	**30**	PY2.11DOAP Estimate Hb, RBC, TLC, DLC, Blood groups, BT/CT, RBC indices	AN 76.2, L Describe - phylogency, ontogeny, trimester, viability, Describe the uterine changes occurring during the menstrual cycle	BC 6.2 L Discuss the involvement of ECM components in health and disease	PY2.5 L Anaemias, polycythemia& jaundice and 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.
OCT	**31**	Anemia AITO session 3L BC 5.9 L PA16.1 Sharing Hb variants	AN 77.4, 77.5 L Describe the stages and consequences of fertilization, anatomical principles underlying contraception	PY2.5L Describe anaemias, polycythemia & jaundice and principles of management	BC 6.3 L Describe protein targeting & sorting along with its associated disorders	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	**01**	AETCOM MODULE 1.1 SGD What it means to be a doctor? (BIOCHEMISTRY)		**SDL-II** AN18.6 AN18.7 Describe knee joint injuries with its applied anatomy , anatomical basis of Osteoarthritis		
NOV	**02**	**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	03	PY2.11DOAP Estimate Hb, RBC, TLC, DLC, Blood groups, BT/CT, RBC indices	AN19.5 L Arches of the foot	CM 1.3 L Describe the characteristics of agent, host and environmental factors and multifactorial etiology of disease	PY2.5 L Describe anaemias, polycythemia& jaundice and physiologic al principles of management	AN 19.1 SGT Describe and demonstrate the major muscles of back of leg.
NOV	04	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	AN19.4 L Explain the anatomical basis of rupture of calcaneal tendon	BC 2.1 L Explain fundamental concepts of enzyme, isoenzyme, IUBMB nomenclature	PY2.6 L Describe the formation of WBC (Leucopoiesis), structure and function of various WBC	PY2.11DOAP Estimate Hb, RBC, TLC, DLC, Blood groups, BT/CT, RBC indices
NOV	05	HOLIDAY				
NOV	06	PY2.11DOAP Estimate Hb, RBC, TLC, DLC, Blood groups, BT/CT, RBC indices	AN 19.5 19.6,.19.7 L Anatomical basis of Flat Foot, club foot , Metatarsalgia and Plantar Fasciitis	BC 2.2 L Discuss factors affecting enzyme activity	PY2.6 L Describe the formation of WBC (Leucopoiesis), structure and function of various WBC types and their regulatory mechanisms	AN 20.2 SGT Describe the subtalar and transverse tarsal joints
NOV	07	Anemia AITo session 4 L BC 5.9 PA16.2 PE 29.4 Linker case to be introduced. Correlation	AN 20.3 20.4 L Describe and demonstrate Fascia lata, venous drainage, Lymphatic drainage, Retinacular and Dermatomes	PY3.1L Describe the structure and functions of a neuron and neuroglia; Discuss nerve growth factors	BC 2.3 L Discuss enzyme kinetics	AN 20.5 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,
NOV	08	AETCOM MODULE 1.1 SGD What it means to be a doctor? (BIOCHEMISTRY)		AN 67.1,67.2 67.3 L Describe & Identify various types of muscle under the Microscope, classify muscle and the structure function co		
NOV	09	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
NOV	10	PY2.11DOAP Estimate Hb, RBC, TLC, DLC, Blood groups, BT/CT, RBC indices	AN 20.10 L Describe basis concept of development of Lower Limb	CM 1.3 SGD Describe the characteristics of agent, host and environmental factors and multifactorial etiology of disease	PY3.2L Describe the types, functions, properties of nerve fibers including strength duration curve, chronaxie and rheobase	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	11	AN 14.1, 2 Hip Bone (Seminar) AN No. 15.3 & 15.4 Femoral Triangle & Hernia (Seminar)	AN 76.1, 76.2, 77.1 Ovarian uterine cycle	BC 2.3 L Discuss enzyme regulation	PY3.3L Classify nerve injury and discuss the mechanism of degeneration and regeneration in peripheral nerves	Anemia AITo session 5 SGD PY2. PA16.2 Nesting
NOV	12	AN 14.3 Femur, Tibia Fibula AN 18.4 Knee Joint (Seminar) AN 16.2, 16.3, 16.5 & 19.4 Trendelenberg test of hip , Inversion and eversion of foot, Peripheral heart (Seminar)	AN 77.2, 77.3 L Oogenesis & spermatogenesis	PY3.4L Describe the microscopic structure of neuro-muscular junction (NMJ) and mechanism of neuromuscular transmission	AN 69.1, 69.2,69.3 Describe the microscopic structure of cardiovascular system	BC 14.3 DOAP Describe physical and chemical properties of normal urine
NOV	13	Anemia AITO Session 6 SGD PY2.5 PA 13.3 Nesting	AN 77.6 L Fertilization, Principles of contraception	BC 2.4, 2.5 SGD Discuss therapeutic use of enzymes. Discuss use of enzymes in laboratory investigations.	PY35 L Discuss the applied aspects of neuromuscular junction : myasthenia gravis,	AN 14.4 Articulated foot (Seminar) AN 16.6, 17.1 & 18.1 Popliteal fossa, Hip joint, Deep peroneal nerve (Seminar)
NOV	14	BC 14.3 DOAP Describe physical and chemical properties of abnormal urine Write a urine report	AN 78.1, 78.2, 78.4, 78.5 L Formation of blastocyst, trophoblast implantation, Bilaminar, trilaminar germinal disc prochordal plate, primitive streak	PY3.6L Describe the different types of muscle fibres, their structure and physiological basis of action potential	BC 7.2 L Describe the ETC and Inhibitors.	AN 65.2, 66.1, 67.1, 67.2, 69.1 Epithelium, Connective tissue, Muscular tissue, Blood vessel, Histology revision
NOV	15	**FAMILY ADOPTION PROGRAM**				
NOV	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
NOV	**17**	PY2.12 Practical demonstration Describe the test to measure Erythrocyte Sedimentation Rate (ESR), Osmotic fragility, Hematocrit	AN 79.1-79.3, 79.6 Bilaminar, trilaminar germinal disc	Anemia AITo session 7 DOAP CM5.6 IM9.14 Sharing	PY3.7L Describe properties, action potential and molecular basis of muscle contraction in skeletal muscle	AN 80.1-80.2 Formation of placenta, teratology
NOV	**18**	Formative Assessment Lower Limb (General anatomy + General Histology & General Embryology		BC 3.1 L Discuss and differentiate monosaccharides, disaccharides and polysaccharides	PY3.8L Describe properties, action potential and molecular basis of muscle contraction in smooth muscle	Anemia AITo session 8 SGD PY2.12 PA16.2 IM9.10 Correlation
NOV	**19**	Sumative Assessment Lower Limb (General anatomy + General Histology & General Embryology		PY3.9L Describe the mode of muscle contraction (isometric and isotonic), energy source,	AN 70.2L Describe the microscopic structure of Lymphatic tissue & organs	AITO TB SESSION 1 BC 5.5 MI 2.3 MI 2.4 L Describe the structure, functions and disorders of Immunoglobulins . Description of cellular and humoral Immunity.
NOV	**20**	AITo Anemia Session 9 Reflection and feedback Assessment	AN 21.3 L Describe and demonstrate the boundaries of thoracic inlet cavity, and outlet along with its applied aspect	BC 3.1 SGD Discuss and differentiate main carbohydrates as energy fuel, structural element and storage in the human body	PY2.7 L Discuss 'Immunity' in terms of its types, development, regulation and physiological significance	AN 21.1 SGT Identify and describe the salient features of sternum, typical ribs and typical thoracic vertebra
NOV	**21**	AITO TB Session 2 BC 5.5 MI 2.3 MI 2.4 L Describe the structure, functions and disorders of Ig Description of cellular and humoral Immunity.	AN 21.6 SGT Mention origin, course and branches/ tributaries of: a) anterior & posterior intercostal vessels b) internal thoracic vessels	PY2.7 L Discuss 'Immunity' in terms of its types, development, regulation and physiological significance	BC 3.2SGD Describe the processes involved in digestion and assimilation of CHO	AN 23.3 SGT Describe and demonstrate origin, course, relations, tributaries and termination of superior vena cava, Azygous, hemiazygous and accessory hemiazygos veins
NOV	**22**	AN 21.2 SGT Identify and describe the salient features of atypical ribs and atypical thoracic vertebrae	AN 21.8 L Describe and demonstrate type, articular surfaces and movements of manubriosternal, costrovertebral	PY2.7 L Discuss 'Immunity' in terms of its types, development, regulation and physiological significance		
NOV	**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
NOV	**24**	PY3.11 DOAP Perform Ergography and calculate the work done by a skeletal muscle	AN 21.10 L Describe costochondral and interchondral joints	CM 1.4 L Describe and discuss the natural history of disease	PY2.7 L Discuss 'Immunity' in terms of its types, development, regulation and physiological significance	AN 21.7 SGT Mention origin, course and branches/ tributaries of: a) atypical intercostal nerve b) superior internal artery, subcostal artery
NOV	**25**	AN 21.7 SGT Mention origin, course and branches/ tributaries atypical intercostal nerve superior internal artery, subcostal artery	AN 21.11 L Mention boundaries and contents of the superior, anterior, middle and posterior mediastinum	BC 3.3 L Discuss glycolysis pathway & regulation	PY2.8L Describe the formation of platelets (thrombopoiesis), structure, functions and variations	PY3.11 DOAP Perform Ergography and calculate the work done by a skeletal muscle
NOV	**26**	AN 21.7 SGT Mention origin, course and branches/ tributaries atypical intercostal nerve superior internal artery, subcostal artery	AN 21.11 L Mention boundaries and contents of the superior, anterior, middle and posterior mediastinum	PY2.8L Describe the formation of platelets (thrombopoiesis), structure, functions and variations	AN 21.11 L Mention boundaries and contents of the superior, anterior, middle and posterior mediastinum	BC14.3 BC 14.4 DOAP Perform urine analysis for normal and abnormal constituents of urine Urine report
NOV	**27**	PY3.11 DOAP Perform Ergography and calculate the work done by a skeletal muscle	AN 21.11 L Mention boundaries and contents of the superior, anterior, middle and posterior mediastinum	BC 3.3 L Discuss glycolysis pathway & regulation	PY2.8L Describe the formation of platelets (thrombopoiesis), structure, functions and variations	AN 21.11 L Mention boundaries and contents of the superior, anterior, middle and posterior mediastinum
NOV	**28**	BC 13.3 L Discuss briefly on HIV and Biochemical changes in AIDS.	AN 23.3 SGT Describe and demonstrate origin, course, relations, tributaries and termination of superior vena cava, Azygous, hemiazygous and accessory hemiazygos veins	PY2.9 ECE Visit to blood bank Describe hemostasis, coagulation pathways, mechanism of action of anticoagulants	BC 3.3 L Describe PDH complex and importance of acetyl CoA	AN 21.11 L Mention boundaries and contents of the superior, anterior, middle and posterior mediastinum
NOV	**29**	AETCOM MODULE 1.2. SGD What it means to be a patient ? (PHYSIOLOGY)		AN 23.3 SGT Describe and demonstrate origin, course, relations, tributaries and termination of superior vena cava, Azygous, hemiazygous and		
NOV	**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
DEC	01	**FA ANATOMY SUB STAGE**		CM SGT 1.5 Describe the application of interventions at various levels of prevention	PY2.9L Describe hemostasis, coagulation pathways, mechanism of action of anticoagulants	AN 23.4 SGT Mention the extent, branches and relations of arch of aorta & descending thoracic aorta
DEC	02	AN 23.2 SGT Describe And demonstrate the extent, relations and tributaries of thoracic duct and applied anatomy	AN 23.1 L Describe and demonstrate the external appearance, relations, blood supply, nerve supply, lymphatic drainage and applied anatomy of oesophagus	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	PY3.11 DOAP Perform Ergography and calculate the work done by a skeletal muscle
DEC	03	AN 22.1 L Describe and demonstrate subdivisions, sinuses in pericardium, blood supply and nerve supply of pericardium	AN 22.1 L Describe and demonstrate subdivisions, sinuses in pericardium, blood supply and nerve supply of pericardium	PY2.10L Discuss types of blood groups, clinical importance of blood grouping, blood banking and transfusion	AN64.3 Describe the various type of open neural tube defects with its embryological basis	BC14.3 BC 14.4 DOAP Perform urine analysis for normal and abnormal constituents of urine Urine report
DEC	04	PY3.12 DOAP Observe with Computer assisted learning (i) Amphibian nerve -muscle experiments (ii) Amphibian cardiac experiments	AN 22.1 L Describe and demonstrate subdivisions, sinuses in pericardium, blood supply and nerve supply of pericardium	BC 3.3 L Describe glycogen metabolism pathway & regulation	PY2.10L Discuss types of blood groups, clinical importance of blood grouping, blood banking and transfusion	AITO: CAD/MI HI Session 1 SGD AN 22.3 AN 22.7 PY 5.1 PY 5.2 NESTING
DEC	05	BC14.3 BC 14.4 DOAP Perform urine analysis for normal and abnormal constituents of urine Urine report	AN 22.6 SGT Describe the fibrous skeleton of heart AN 22.6 Describe the fibrous skeleton of heart	PY5.1L Describe the functional anatomy of heart including chambers and coronary circulation	BC 3.3 L Discuss glycogen metabolism pathway & regulation	AN 22.1 L Describe and demonstrate subdivisions, sinuses in pericardium, blood supply and nerve supply of pericardium
DEC	06	AETCOM MODULE 1.2. SGD What it means to be a patient ? (PHYSIOLOGY)		AN 22.3 L Describe and demonstrate origin course and branches of coronary arteries		
DEC	07	**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	08	**FA BIOCHEMISTRY**		CM SGT 1.6 Describe and discuss the concepts, principles of health promotion and education, IEC and BCC.	PY5.2 L Describe the properties of cardiac muscle including its morphology, electrical, mechanical and metabolic functions	AN 23.3 SGT Describe and demonstrate origin, course, relations, tributaries and termination of superior vena cava, Azygous, hemiazygous and accessory hemiazygos veins
DEC	09	AN 23.4 SGT Mention the extent, branches and relations of arch of aorta & descending thoracic aorta	AN 24.1 L Mention The blood supply, lymphatic drainage and nerve supply of pleura and their applied anatomy	BC 3.3L Describe gluconeogenesis	PY5.2 L Describe the properties of cardiac muscle including its morphology, electrical, mechanical and metabolic functions	AITO: CAD/MI Session 2 L PY5.3 PY 5.4 GM 2.5 NESTING LINKER CASE
DEC	10	AN 23.5 SGT Identify & Mention The location and extent Describe the splanchnic nerves of thoracic sympathetic chain	AN 24.2 L Root of lung and bronchial tree and clinical correlate	PY5.2 L Describe the properties of cardiac muscle including its morphology, electrical, mechanical and metabolic functions	AN 72.1 L Identify the skin and its appendages under microscope	BC 14.18 DEMO Immunodiffusion
DEC	11	AITO: CAD/MI Session 3 SGD PY5.6 AN5.6, AN22.4 BC 4.5 SHARING	AITO TB Session 3 AN 24.3 PY 6.1 L Describe a bronchopulmonary segment with its clinical anatomy	BC 3.3L Describe HMP &Uronic acid pathway & regulation.	Describe generation and conduction of cardiac impulse along with the conduction pathway	AN 24.6 SGT Describe the extent, length, relations , blood supply, lymphatic drainage and nerve supply of trachea
DEC	12	AITO: CAD/MI VI Session 4 SGD BC 14.19 PA27.8 NESTING	AITO TB Session 4 AN 24.5 AN 25.7 PA 25.4L Mention the blood supply, lymphatic drainage and nerve supply of lungs	PY5.3L Describe generation and conduction of cardiac impulse along with the conduction pathway	BC 3.4 L Discuss fructose & galactose metabolism	AN 24.6 SGT Describe the extent, length, relations , blood supply, lymphatic drainage and nerve supply of trachea
DEC	13	AN 24.4 SGT Identify phrenic nerve and describe its , formation and distribution	AN 25.2 L Describe development of pleura, lung and heart	PY 10.2 Peripheral nervous system		
DEC	14	**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	15	**FA PHYSIOLOGY**		CM 1.7 L Enumerate and describe health indicators.	PY 10.2 Peripheral nervous system	AN 24.4 SGT Identify phrenic nerve and describe its , formation and distribution
DEC	16	AN 25.3 SGT Describe Fetal circulation and changes occurring at birth	AN 25.4 L Describe embryological basic of: Atrial septal, ventiricular, Fallot'stertralogy, Tracheoesophageal	AITO DM Session I BC 3.5 PA 31.5 GM 11.1 SGD Discuss blood glucose regulation NESTING	PY5.4L Discuss the physiological events occurring during the cardiac cycle, concurrent pressure volume changes, generation of heart sounds and murmur	AITO: CAD/MI Session 5 SGD PY5.15 PY 5.6 IM2.10 IM2.5 NESTING
DEC	17	AN 25.7 SGT Identify structures seen on a plain X-ray chest PA View	AN 25.5 L Describe basis of congenital anomalies, transposisiotn of great vessels, dextrocardia, patent ducts arteriosus and coarctation	PY5.4L Discuss the physiological events occurring during the cardiac cycle, concurrent	SGT AN 52.1 Describe and identify the microanatomical features of Gastro-intestinal system	BC 14.6 SGT Describe principles of colorimetry
DEC	18	PY5.5ECE Describe the physiology of electrocardiogram (E.C.G), the cardiac axis and its applications	AN 25.6 L Mention development of aortic arch arteries, SVC, IVC and coronary sinus	AITO DM Session II BC 14.9 PY 8.6 Pancreatic function test SHARING	PY5.5ECE Describe the physiology of electrocardiogram (E.C.G), the cardiac axis and its applications	AN 25.8 SGT Identify and describe in brief a barium swallow
DEC	19	AITO DM Session III BC3.5 PA 31.5 GM 11.2 Biochemical changes in Diabetes Mellitus NESTING	AN 26.2 L Describe & Demonstrate the features of norma frontalis, verticalis, occipitalis.	AITO: CAD/MI Session 6 REFELECTION ASSESSMENT	AITO DM Session V BC3.5 GM 11.15 Describe the metabolic complications in Diabetes Mellitus NESTING	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
DEC	20	**FAMILY ADOPTION PROGRAM**				
DEC	21	**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	**22**	PY5.16 DOAP Obtain relevant history and conduct General and Clinical examination of the cvs system	AN 55.2 L Demonstrate the surface projection of stomach, liver, funds of gall bladder, spleen, Duodenum	CM SGT 1.8 Describe the demographic profile of India and discuss its impact on health.	PY5.5L Describe the physiology of electrocardiogram (E.C.G), the cardiac axis & its applications	AN 53.3 & 53.4 SGT Define True pelvis and false pelvis and demonstrate sex determination in male and female bony pelvis
DEC	**23**	AN 48.3 SGT Describe And demonstrate the origin, course, important relations and branches of internal iliac artery	AN 53.2 L Anatomical position of bony pelvis	AITO DM Session V BC 8.4 CM 5.20 Dietary advice in DM	PY5.5L Describe the physiology of electrocardiogram (E.C.G), the cardiac axis & its applications	PY5.15 DOAP Record and interpret normal ECG in a volunteer or simulated environment
DEC	**24**	AN 48.7, 48.5 SDLVI ProstateBPH, the lobes involved in benign prostatic hypertrophy and prostatic cancer	AN 48.5, 48.6 L Explain the anatomical basis of suprapubic cystomy , Neurlogical basis of Automatic bladder	PY5.6 L Discuss physiological variations in ECG waveforms,	AN 52.1 SGT Microanatomy liver , gall bladder	AITO DM Session VI DOAP BC3.5 14.22 PA 31.5 GM 11.2 Estimation of blood glucose and demonstration of glucometer usage Describe performance of OGTT and HbA1c estimation NESTING
DEC	**25**	**HOLIDAY**				
DEC	**26**	AITO DM Session VII BC 3.6 BC14.9 BC 14.22 CM 8.2 GM 11.11 Basis and rationale of Biochemical tests done and interpretation of laboratory results in Diabetes mellitus	AN 48.1 L Blood supply, nerve supply, lymphatic drainage and clinical aspects of important male and female pelvic viscera	PY5.6 SGD Discuss physiological variations in ECG waveforms,	AITO DM Session VIII ASSESSMENT REFLECTION	AN 49.1 49.2 49.3 SGT AN 51.2 SGT Mid Sagittal section of male and female pelvis perineal membrane superficial and deep perineal pouch
DEC	**27**	FA	AN 49.4L Ischiorectal fossa	PY5.5 SGD		
DEC	**28**	**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	29	WINTER VACATIONS				
DEC	30					
DEC	31					
DEC	01					
JAN	02					
JAN	03					
JAN	04	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	**5**	AITO TB Session 5 PY6.12 GM 27.8 DOAP Obtain relevant history of the respiratory system in a normal volunteer or simulated environment	AN 79.4, 79.5 L Describe the development of somites and intra-embryonic coelom,	CM SGT 2.1 Describe the steps and perform clinico-cultural and demographic assessment of individual, family and community	PY6.2 L Describe the mechanics of normal respiration, pressure changes during Ventilation , lung volume and capacities	AN 8.3, 8.4 : SGT Identify and name various bones in articulated hand, specify the part of metacarpals and phalangens
JAN	**6**	AN 8.1 SGT (Identify the given bone, its side, anatomical position, joint formation, important features and clinical anatomy	AN 79.6, 80.1, 80.2 LDescribe the diagnosis of pregnancy in first trimester, fate of chorion,	BC 4.1 SGD Digestion and absorption of dietary lipids	PY6.4L Discuss the transport of respiratory gases viz Oxygen and Carbon dioxide across lungs and whole body	AITO TB Session 6 PY2.11 PY 2.12 MI 7.5 Estimate Hb, RBC, TLC, DLC, Blood groups, BT/CT, RBC indices
JAN	**7**	AN 8.2 SGT Identify Scapula, Demonstrate important muscle attachment on Scapula's	AN 9.1 L Describe attachment, nerve supply and action of perctoralis major and pectoralis minor	PY6.5 L Describe the chemoreceptors and neural centres of respiration	AN 65.1 Identify epithelium under the microscope & describe the various types that correlate to its function	**CERTIFIABLE COMPETENCY ASSESSMENT** Normal & Abnormal Urine
JAN	**8**	PY6.2 PY6.7	AN 9.2, 9.3 L Breast	BC 4.1 SGD Describe main classes of lipids relevant to human system and their major functions.	PY6.7Tutorial/SGD Discuss various lung function tests and their clinical significance in obstructive and restrictive lung diseases	AN 8.2, SGT Identify Humerus, radius, ulna its side, important features
JAN	**9**	**CERTIFIABLE COMPETENCY ASSESSMENT** Normal & Abnormal Urine	AN10.1, 10.2 L Boundaries and contents of axilla	PY6.7L Discuss various lung function tests and their clinical significance inobstructive and restrictive lung diseases	BC 4.3 L Describe key features of lipid metabolism (synthesis)	AN10.3,10.4, 10.7, L Axillary lymph nodes and their areas of drainage, anatomical basis of enlarged
JAN	**10**	AN 10.3, 10.5,10.6 SGT Identify and dissect brachial plexus, its distribution and variations	PY6.6 L Describe and discuss the pathophysiology of dyspnoea, hypoxia, cyanosis, asphyxia, drowning,	AITO TB Session 7 ASSESSMENT REFLECTION		
JAN	**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
JAN	**12**	PY6.10 DOAP Perform Spirometry and interpret the findings (Manual)	AN 11.1 L Muscle groups of upper arm with emphasis on biceps and triceps brachii	AITO: HT Session 3 CM SGT 2.2 2.3 PY 5.11 NESTING	PY6.11 DOAP Describe principles and methods of artificial respiration	AN 8.3, 8.4 : SGT Identify and name various bones in articulated hand, specify the part of metacarpals and phalangens
JAN	**13**	AN 11.2,11.3,11.5, 11.6,12.1 SGT Boundaries and contents of cubital fossa Nerves and vessels in arm.	AN 10.12L Describe Shoulder joint ,	BC 4.3 L Describe key features of lipid metabolism (synthesis)	PY6.9 L Discuss the physiology of deep sea diving and decompression sickness	PY6.13 DOAP Demonstrate the correct technique to perform measurement of peak expiratory flow rate
JAN	**14**	AN13.5 SGT radiographs of shoulder region, arm, elbow, forearm and hand	AN 12.2 L, Muscle groups of ventral forearm with attachments, nerve supply and actions	PY6.10 PY6.12 SGD Respiratory system	AN 65.2 Describe the ultrastructure of epithelium	**CERTIFIABLE COMPETENCY ASSESSMENT** Abnormal Constituents of Urine
JAN	**15**	**HOLIDAY**				
JAN	**16**	BC 14.17 SGT DEMO Describe various body fluids and composition of CSF	AN 12.3, 12.4 L Flexor retinaculum with its attachments, Carpal tunnel syndrome	PY5.7L Discuss haemodynamics of circulatory system	BC 4.3 L Describe key features of lipid metabolism (oxidation)	AN 12.5, 12.6 AN12.7, 12.8 SGT Small muscles of hand. Course and branches of blood vessels and nerves in hand
JAN	**17**	AN 12.7, 12.9, 12.10 AN 12.11,12.12,12.14 SGT Fibrous flexor sheaths, ulnar bursa, radial bursa and digital synovial sheaths, Course and branches of blood vessels and nerves in hand. Identify & describe compartments deep to extensor retinaculum		AITO: HT Session 4 PY5.8 PY 5.9 AN 5.4 NESTING Describe and discuss local and systemic cardiovascular regulatory mechanisms		
JAN	**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
	TERM 1 EXAMINATIONS					
JAN	19	THEORY PAPER : ANATOMY				
JAN	20	THEORY PAPER : BIOCHEMISTRY				
JAN	21	THEORY PAPER : PHYSIOLOGY				
JAN	22	PRACTICAL				
JAN	23	PRACTICAL				
JAN	24	PRACTICAL				
JAN	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
JAN	26	HOLIDAY				
JAN	27	AN 66.166.2 Describe & identify various types of connective tissue with functional correlation Describe the ultrastructure of connective tissue	AN 13.1,13.2 L Describe and explain fascia of upper limb, veins , lymphatic drainage, Dermatomes of upper limb	BC 4.3 L Describe key features of lipid metabolism (ketone body)	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
JAN	28	AN13.8 13.6,13.7 L Describe development of upper limb Identify and demonstrate important bony landmarks of upper limb, demonstrate of surface projection	AN8.6 SGT Palmar Spaces	AITO: HT Session 5 PY5.11 BC 12.3 Describe blood pressure, factors affecting blood pressure and its regulation	AN 66.1 66.2	BC 14.12 DOAP Estimation of serum cholesterol
JAN	29	PY5.14 DOAP Record blood pressure & pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment	AN 10.13 , 11.4 ,12.13 Anatomical basic of injury to axillary nerve during intramuscular injections,	BI 4.4 L Describe the metabolism of cholesterol and triglycerides .	PY5.12 L Describe & discuss regional circulation including microcirculation, lymphatic circulation,	AN 12.12 L Identify and describe origin course, relations, branches of nerves forearm
JAN	30	BC 14.15 SGT DEMO Describe estimation of triglycerides, HDL, and LDL with interpretation	AN 26.2 L Describe & Demonstrate the features of norma frontalis, verticalis, occipitalis.	PY5.13 L Describe the patho-physiology of shock, syncope heart failure with physiological basis of its management	BI 4.5 L Explain the regulation of lipoprotein metabolism & associated disorders.	AN 26.5 L Describe and Demonstrate features of typical and atypical cervical vertebrae
JAN	31	AITO: HT Session 7 AN 22.2 AN 43.8 AN 43.9 PY 5.7 NESTING **ECE ANATOMY** Describe And demonstrate external and internal features of each chambers of heart		AN 26.3L Describe cranial cavity, its subdivisions, foramina		
FEB	01	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	**02**	AITO: HT Session 6 PY 5.14 GM 8.8 GM 8.9 Record blood pressure NESTING	AN 26.1 SGT Describe & Demonstrate anatomical position of skull. Identify and locate individual skull bones in skull	CM 2.4 L Describe social psychology, community behaviour and community relationship and their impact on health & disease	PY5.13 L Describe the patho-physiology of shock, syncope heart failure with physiological basis of its management	AN 28.2 L Describe innervation of face
FEB	**03**	AN 30.2 SGT Describe and identify major foramina with structures passing through them, dural folds and dural venous sinuses	AN 29.3 L basis of Erb's Klumpke's palsy ,	BC 13.4 4.7 SGD Discuss alcohol metabolism and biochemical changes in chronic alcoholism Alcoholic Liver Disease	PY4.5 L Describe the composition, mechanism of secretion, functions, and regulation of pancreatic juice	DOAP Practical Revision: BP practicals PY 5.14
FEB	**04**	AN 31.5 SGT Anatomical basis of oculomotor, trochlear and abducent nerve palsies along with strabismus	AN 30.4 L Describe clinical importance of dural venous sinuses	PY4.6L Describe the composition, mechanism of secretion, functions, and regulation of intestinal juices	AN 43.2 SGT Microanatomy of Tonsil, Epiglottis	BC 14.11 DOAP Estimation of serum proteins, albumin and A:G ratio
FEB	**05**	DOAP Practical Revision: BP practicals PY 5.14	AN 31.3 L Describe anatomical basis of Horner's syndrome	BC 5.3 SGT Describe the digestion and absorption of dietary proteins	PY4.7L Describe the physiology of digestion and absorption of nutrients	AN 30.1 SGT Demonstrate The cranial fossae and identify related structures
FEB	**06**	BC 14.18 Demo Protein electrophoresis	AN 31.4 L Describe Components of Lacrimal apparatus	PY4.8L Describe GIT movements, its regulation and physiological significance including defecation reflex	BC 5.4 L Discuss plasma proteins and acute phase reactants	AN 30.1 SGT Demonstrate The cranial fossae and identify related structures
FEB	**07**	ECE BIOCHEMISTRY		AN 31.4 L Describe Components of Lacrimal apparatus		
FEB	**08**	**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	**09**	PY5.14 DOAP Record blood pressure & pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment	AN 28.5 L Describe cervical lymph nodes and lymphatic drainage of head , face and neck	CM SGT 2.4 Describe social psychology, community behaviour and community relationship and their impact on health & disease	PY4.1L Describe the functional anatomy of digestive system	AN 28.1 SGT Describe and demonstrate muscles of facial expression and their nerve supply
FEB	**10**	AN 26.4 SGT Describe and demonstrate morphological features of mandible	AN 28.8 L Describe surgical importance of deep facial vein	BC 4.5 L Explain the regulation of lipoprotein metabolism & associated disorders.	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
FEB	**11**	AN 26.1 SGT Describe & Demonstrate anatomical position of skull. Identify and locate individual skull bones in skull	AN 28.7 L Describe anatomical basis of facial nerve palsy,	PY4.3 L Describe the composition, mechanism of secretion, functions, and regulation of saliva	AN 67.1 Describe & identify various types of muscle under the microscope	AITO: CAD/MI VI Session 8 SGD BI2.5 BC 14.19 IM2.12 IM2.18 CORRELATION
FEB	**12**	PY5.14 DOAP Record blood pressure & pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment	AN 29.1 SGT Describe and demonstrate the boundaries, subdivisions, contents of posterior triangle of neck, nerves supply,	BC 4.6 SGD Discuss biological role and therapeutic applications of eicosanoids	PY4.4 L Describe the composition, mechanism of secretion, functions, and regulation of gastric juice.	SGT AN 28.6 L Identify superficial muscles of face, their nerve supply and action
FEB	**13**	BC 14.18 DEMO Observe use of equipment in clinical lab – Autoanalyzer, Electrolyte Analyzer, ELISA	AN 28.3 28.4 L Describe and demonstrate origin /formation, course, branches/tributaries of facial vessels	AITO: CAD/MI Session 9 REFLECTION & FEEDBACK & Assessment	BC 4.7 SGD Fatty Liver	AN 29.4 SGT Anatomical basis of Wry Neck
FEB	**14**	**ECE PHYSIOLOGY**		AN 29.2 SGT Describe and Demonstrate of sternocleidomastoid		
FEB	**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
FEB	16	**FA ANATOMY**		CM 2.5 L Describe poverty and social security measures and its relationship to health and disease	PY4.10 L Describe the Gut-Brain Axis and its physiological significance	AN 31.2 SGT Describe And demonstrate nerves and vessels in the orbit
FEB	17	AN 32.1 SGT Describe boundaries and subdivisions of anterior triangle	AN 31.5 L Anatomical basis of oculomotor, trochlear and abducent nerve palsies along with strabismus	BC 5.6 L Describe formation, transport and detoxification of ammonia	PY7.1 L Describe the functional anatomy of kidney and non-excretory functionsof kidney	PY4.12 DOAP Obtain relevant history related to the abdomen in a normal volunteer or simulated environment
FEB	18	AN 32.2SGT Describe And demonstrate boundaries and contents of muscular, carotid, digastric and submental triangles	AN 33.1 L Describe boundaries and contents of termporal and infratemporal fossae	AITO: HT Session 8 PY7.2 L PY 7.8 GM 8.2 Describe the structure & functions of juxta glomerular apparatus & role of renin-angiotensin system NESTING	AN 67.2 Classify muscle and describe the structure – function correlation of the same	BC 14.8 DOAP Estimation of urea and BUN calculation
FEB	19	PY4.11 SDL Discuss (in brief) the applied physiology of GIT viz. Peptic ulcer, gastroesophageal reflux disease, vomiting, diarrhoea, constipation	AN 33.1 L Describe boundaries and contents of termporal and infratemporal fossae	BC 5.6 L Describe ammonia toxicity and clinical significance	PY7.3 L Describe the mechanism of urine formation involving processes of filtration tubular reabsorption & secretion	AN 33.3 SGT Describe and demonstrate articulating surface, type and movements of temporomandibular joint
FEB	20	BC 14.8 DOAP Estimation of urinary urea and urea clearance	AN 33.4 L explain the clinical significance of pterygoid venous plexus	AITO: HT Session 9 REFLECTION ASSESSMENT	BC 5.7 L Discuss specialized products of glycine, phenylalanine, tryptophan	AN 34.1 SGT Describe & demonstrate the superficial and deep structures, muscles, nerves, vessels and glands in the submandibular region
FEB	21	**FAMILY ADOPTION PROGRAM**				
FEB	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
FEB	23	**FA BIOCHEMISTRY**		CM 4.1 L Describe various methods of health education with their advantages and limitations	PY4.11 SDL Discuss applied physiology of GIT viz. Peptic ulcer, gastroesophageal reflux disease,	AN 32.2SGT Describe And demonstrate boundaries and contents of muscular, carotid, digastric and submental triangles
FEB	24	AN 31.2 SGT Describe And demonstrate nerves and vessels in the orbit	AN 33.5L Describe The features dislocation of temporomandibular joint	BC 5.7 L Discuss specialized products of glycine, phenylalanine, tryptophan	PY7.4 L Describe the mechanism of urine concentration and dilution	DOAP Competency assessment of certifiable competencies: Mosse'sergography
FEB	25	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	PY7.5 L Describe the renal regulation of fluid and electrolytes & acid-base balance	AN 67.3 Describe the ultrastructure of muscular tissue	BC 14.5 DOAP Use of paper chromatography
FEB	26	DOAP Competency assessment of certifiable competencies: Examination of CVS	AN 35.1 L Describe the parts, extent, attachments, modifications of deep cervical fascia	BC 5.7 L Discuss specialized products of glycine, phenylalanine, tryptophan	PY7.6 L Describe the innervations of urinary bladder, physiology of micturition and its abnormalities	AN 33.3 SGT Describe and demonstrate articulating surface, type and movements of temporomandibular joint
FEB	27	BC 9.3 L Describe the processes involved in maintenance of water & electrolyte balance of body fluids	AN 35.4L Describe internal jugular and brachiocephalic veins	PY7.7L Describe cystometry and discuss the normal cystometrogram	BC 5.7 L Discuss specialized products of methionine, arginine, branched chain amino acids	AN 35.2 35.3 SGT Describe and demonstrate of Thyroid gland Describe the origin, parts, course and branches subclavian artery
FEB	28	AN 35. SGT Describe And demonstrate extent drainage & applied anatomy of cervical lymph nodes, cervical sympathetic chain	AN 35.8 L Describe The anatomically relevant clinical features of Thyroid swellings	PY4.11 SDL Discuss applied physiology of GIT viz. Peptic ulcer, gastroesophageal reflux disease, vomiting, diarrhoea		
MAR	01	**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	02	**FA PHYSIOLOGY**		CM SGT 4.1 Describe various methods of health education with their advantages and limitations	PY7.8 ECE Discuss various Renal Function Tests with its physiological significance	AN 36.1 L Describe and demonstrate the structures of the vestibule of the mouth and oral cavity proper
MAR	03	AN 36.2 SGT Describe the morphology, relations, blood supply and applied anatomy of palatine tonsil 2. Composition of soft palate	AN 35.6 L Describe and demonstrate the extent, formation,, relation & branches of cervical sympathetic chain	BC 5.7 L Discuss specialized products of methionine, arginine, branched chain amino acids	PY7.9L Discuss the role of artificial kidneys, dialysis and indications of renal transplant	DOAP Competency assessment of certifiable competencies: Recording of normal pulse and BP
MAR	04	AN 36.3 SGT Describe the muscles, nerve supply , blood supply and lymphatic drainage of the pharynx	AN 35.7 L Describe the course and branches of IX,X,XI and XII nerve in the neck	PY9.1L Explain sex determination, sex differentiation and their abnormalities and discuss the effects of removal of gonads on physiological functions	AN 68.1: Describe & identify multipolar & unipolar neuron, ganglia, peripheral nerve under the microscope	BC 14.9 DOAP Estimation of serum creatinine
MAR	05	DOAP Competency assessment of certifiable competencies: Recording of normal pulse and BP	AN 35.9 L Describe the clinical features of compression of subclavian artery and lower trunk of branchial plexus by cervical rib	BC 5.7 L Discuss inborn errors of metabolism	PY9.1L Explain sex determination, sex differentiation and their abnormalities and discuss the effects of removal of gonads on physiological functions	AN 36.4 SGT Describe the components and functions of Waldeyer's Lymphatic ring
MAR	06	BC 9.3 L Describe the derangements in water & electrolyte balance of body fluids	AN 35.10 L Describe the fascial spaces of neck	PY4.11 SDL Discuss (in brief) the applied physiology of GIT viz. Peptic ulcer, gastroesophageal reflux disease, vomiting, diarrhoea, constipation	BC 5.7 L Discuss new born screening	
MAR	07	**FAMILY ADOPTION PROGRAM**				
MAR	08	**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	**09**	Test Topic: Kidney	AN 36.5 L Describe the pharyngeal spaces. Boundaries and clinical significance of pyriform fossa	CM SGT 4.2 Describe the methods of organising health promotion and education and counselling activities at individual, family and community settings.	PY9.2 L Describe and discuss puberty: onset, progression, stages; early and delayed puberty.	AN 37.1 SGT Describe and demonstrate features of nasal septum, lateral wall of nose, their blood supply and nerve supply
MAR	**10**	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 7.1 SGT Integration of various metabolic processes	PY9.3 L Describe the functional anatomy of male reproductive system, functions of testis, spermatogenesis anddiscuss the functions and regulations of testosterone hormone	DOAP Competency assessment of certifiable competencies: BP and isometric exercise
MAR	**11**	AN 41.1 SGT Describe the demonstrate parts and layers of eye ball	AN 36.7 L Clinical Significance of Killian's dehiscence	PY9.3 L Describe the functional anatomy of male reproductive system, functions of testis, spermatogenesis	AN 68.2 Describe the structure – function of neuron	**CERTIFIABLE COMPETENCY ASSESSMENT** Estimation of blood glucose, serum proteins
MAR	**12**	SGD PY 4.8 PE 26.9 IM 5.14. Discuss in context of linker case Correlation	AN 37.3 L Anatomical basis of sinusitis and maxillary sinus tumours	BC 7.1 SGT Integration of various metabolic processes	PY9.4 L Describe the functional anatomy of female reproductive system:	AN 39.1 SGT Describe the extrinsic and intrinsic muscles of tongue
MAR	**13**	**CERTIFIABLE COMPETENCY ASSESSMENT** Estimation of blood glucose, serum proteins	AN 38.2 L Describe anatomical aspects of Laryngitis	PY9.5 L Discuss the menstrual cycle, uterine and ovarian changes, hormonal regulation	BC 11.1 SGT Describe renal function tests	AN 40.1 SGT Describe and identify the parts, blood supply and nerve supply of external ear, middle ear and auditory tube
MAR	**14**	**ECE Anatomy** 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		AN 43.3 SGT Micro-anatomy of Optic nerve cochlea-organ of corti		
MAR	**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
MAR	**16**	DOAP Competency assessment of certifiable competencies: BP and isometric exercise	AN 38.3 L Describe anatomical basis of recurrent laryngeal nerve injury	CM 4.3 L Demonstrate and describe the steps in evaluation of health promotion and education program.	PY9.6 ECE Enumerate male and female contraceptive methods, rationale of its prescription, side effects and its advantages & disadvantages	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
MAR	**17**	AN 41.3 SGT Describe The position, nerve supply and actions of intraocular muscles	AN 39.2 L Explain the anatomical basis of hypoglossal nerve palsy	BC 9.3 L Describe the processes involved in derangements of pH and disorders	PY9.7 L Discuss the physiology of pregnancy, parturition & lactation.	DOAP Competency assessment of certifiable competencies: BP and isometric exercise
MAR	**18**	**HOLIDAY**				
MAR	**19**	DOAP Competency assessment of certifiable competencies: Harvard step test	AN 40.3 40.4 L Describe the features of internal ear Anatomical basis of otitis externa and otitis media	BC 9.3 L Describe the processes involved in derangements of pH and disorders	PY9.8 L Discuss the physiological basis of various pregnancy tests	AN 40.2 SGT Describe and demonstrate the boundaries, contents, relations and functional anatomy of middle ear and auditory tube
MAR	**20**	BC 14.18 BC 14.2 DEMO Estimation of pH Observe use of equipment in clinical lab – ABG Analyzer , Electrolyte Analyzer	AN 40.5 L Anatomical basis of myringotomy	PY9.9 L Discuss the hormonal changes and their effects during perimenopause and menopause	BC 9.3 L Describe the processes involved in derangements of pH and disorders	AN 42.1 42.2 SGT Demonstrate the contents of the vertebral canal. Describe and demonstrate the boundaries and contents of suboccian
MAR	**21**	**ECE** **Biochemistry**		AN 41.2 L Describe the anatomical aspects of cataract, glaucoma and central retinal artery occlusion		
MAR	**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
MAR	23	DOAP Competency assessment of certifiable competencies: Harvard step test	AN 42.3 L Describe The position, direction of fibres, relations, nerve supply, actions of semispinalis and splenius capitis	CM SGT 4.3 Demonstrate and describe the steps in evaluation of health promotion and education program.	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 43.1 SGT Demonstrate the movements with muscles producing the movements of atlantooccipital joint and atlantoaxial joint
MAR	24	AITO: THYROID Ds Session 1 AN 43.4 SU 22.1 NESTING Developmental basis of congenital anomalies thyroid gland	AN 43.8 L Describe The anatomical route used for carotid aniogram and vertebral	BC 8.1 L Describe biochemical role of fat soluble vitamins	PY4.11 SDL Discuss (in brief) the applied physiology of GIT viz. Peptic ulcer, gastroesophageal reflux disease, vomiting, diarrhoea, constipation,	DOAP Competency assessment of certifiable competencies: Exa mination of Respiratory system exercise
MAR	25	AITO: THYROID Ds Session 2 AN 43.6 SU 22.3 GM 12.6 NESTING Demonstrate surface projection of-Thyroid gland ,	AN 56.1 L Describe and identify various layers of meninges with its extent and modifications	PY 9.7-9.9 SGD	AN 43.2 SGT Identify describe and draw the microanatomy of pituitary gland, thyroid, parathyroid gland, tongue, salivary gland, tonsil, epiglottis	BC 14.9 DOAP Estimation of urinary creatinine and creatinine clearance.
MAR	26	DOAP Competency assessment of certifiable competencies: Exa mination of Respiratory system exercise	AN 43.5 SGT Demonstrate- Testing of muscles of facial expression, extraocular muscles, muscles of	BC 8.1 L Discuss fat soluble vitamins	DOAP Competency assessment of certifiable competencies: Examination of the abdomen	AN 43.3 SGT Microanatomy of olfactory epithelium , eye lid, lip, optic nerve, cochlea-organ of corti, sclera-corneal junction, pineal gland
MAR	27	BC 8.2 8.4 8.6 SDL Importance of various dietary components and dietary fibre Nutritional importance of macromolecules Discuss dietary advice in health and disease	AN 57.3 L Draw and label transverse section of spinal cord at mid cervical and mid thoracic level	DOAP Competency assessment of certifiable competencies: Examination of the abdomen	BC 8.1 L Discuss fat soluble vitamins	An 28.7, 28.8, 29.1, 31.1 Facial nerve, Posterior triangle (SEMINAR)
MAR	28	**ECE** **Physiology**		An 43.4, 43.3, 35.1-35.8 Pharyangeal Arches, Cervical Sympathetic chain thyroid		
MAR	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
MAR	**30**	PY10.19 DOAP Obtain relevant history and conduct correct General and Clinical examination of the nervous system	SDL X Developmental basis of congenital anomalies of face, palate, tongue, branchial apparatus, pituitary gland thyroid gland and eye	CM 6.1 L Formulate research question for a study	PY10.1 L Describe and discuss the functional organization of central nervous system	AN 43.1 SGT Demonstrate the movements with muscles producing the movements of atlantooccipital joint and atlantoaxial joint
MAR	**31**	AN 43.2 SGT Identify describe and draw the microanatomy of pituitary gland, thyroid, parathyroid gland, tongue, salivary gland, tonsil, epiglottis	AN 43.5 L Demonstrate- Testing of muscles of facial expression, extraocular muscles, muscles of mastication, palpation of carotid arteries	BC 8.3 8.5 L Discuss PEM Describe causes and effects of obesity, metabolic syndrome	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:
APR	**01**	AN 43.3 SGT Microanatomy of olfactory epithelium , eye lid, lip, optic nerve, cochlea-organ of corti, sclera-corneal junction, pineal gland	AN 43.4 L Developmental basis of congenital anomalies of face, palate, tongue, branchial apparatus, pituitary gland thyroid gland and eye	PY10.4 L Discuss the classification, functions and properties of synapse	AN 68.3 Describe the ultrastructure of nervous tissue	BC 8.1 SDL Discuss water soluble vitamins
APR	**02**	PY10.19 DOAP Obtain relevant history and conduct correct General and Clinical examination of the nervous system	AN 74.1-74.3 L Genetics -I	BC 8.3 8.5 L Discuss PEM Describe causes and effects of obesity, metabolic syndrome	PY10.5 L Discuss the classification, functions and properties of reflex	AN 73.1-73.3 L AN 75.1-75.3 L Genetics –II-III
APR	**03**	**HOLIDAY**				
APR	**04**	CM FA	AN 75.4-75.5 L Genetics IV	PY10.6 L Discuss the classification, functions and properties of receptors		
APR	**05**	**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 II EXAMINATION				
APR	06	THEORY PAPER : ANATOMY				
APR	07	THEORY PAPER : BIOCHEMISTRY				
APR	08	THEORY PAPER : PHYSIOLOGY				
APR	09	PRACTICAL				
APR	10	PRACTICAL				
APR	11	PRACTICAL				
APR	12	SUNDAY				

Month	Date	9-11.00 am	11.00-12.00 noon	12.00-1.00 pm	2.00-3.00 pm	
APR	13	PY10.19 DOAP Obtain relevant history and conduct correct General and Clinical examination of the nervous system	AN 42.3 L Describe The position, direction of fibres, relations, nerve supply, actions of semispinalis and splenius capitis	CM 6.2 L Describe and discuss the principles of collection, classification, analysis, interpretation and presentation of statistical data	PY10.7 L Discuss somatic sensations, ascending tracts, (sensory tracts) andapplied aspects of sensory system	AN 43.1 SGT Demonstrate the movements with muscles producing the movements of atlantooccipital joint and atlantoaxial joint
APR	14	HOLIDAY				
APR	15	AN 43.2 SGT Identify describe and draw the microanatomy of pituitary gland, thyroid, parathyroid gland, tongue, salivary gland, tonsil, epiglottis	AN 43.8 L Describe The anatomical route used for carotid aniogram and vertebral	PY10.8 L Discuss Physiology of pain including pain pathways and its modulation with special emphasis on gate control theory of pain	SDL X Developmental basis of congenital anomalies of face, palate, tongue, branchial apparatus, pituitary gland thyroid gland and eye	BC 14.23 SGT Calculate energy content of various food items and glycemic index
APR	16	PY10.19 DOAP Obtain relevant history and conduct correct General and Clinical examination of the nervous system	AN 43.3 SGT Microanatomy of olfactory epithelium , eye lid, lip	BC 10.1 L Discuss nucleotide Chemistry	PY10.8 L Discuss Physiology of pain including pain pathways and its modulation with special emphasis on gate control theory of pain	AN 56.1 L Describe and identify various layers of meninges with its extent and modifications
APR	17	BC 9.1 SDL Discuss sources, absorption, transport and metabolism of Iron and Copper	AN 43.3 SGT Microanatomy of optic nerve, cochlea-organ of corti, sclera-corneal junction, pineal gland	PY10.8 L Discuss Physiology of pain including pain pathways and its modulation	BC 10.2 L Describe purine synthesis and salvage pathway	AN 43.2 SGT Identify describe and draw the microanatomy of pituitary gland, thyroid, parathyroid gland, tongue, salivary gland, tonsil, epiglottis
APR	18	AETCOM MODULE 1.3 SGD Doctor patient relationship (PHYSIOLOGY)		AN 56.2 SGT Describe formation , circulation and absorption of CSF with its applied anatomy		
APR	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
APR	20	PY10.19 DOAP Obtain relevant history and conduct correct General and Clinical examination of the nervous system	AN 57.4 L Enumerate ascending and descending tracts at mid thoracic level of spinal cord	CM SGT 6.3 Describe, discuss and demonstrate the application of elementary statistical methods	PY10.8 L Discuss Physiology of pain including pain pathways and its modulation	AN 43.1 SGT Demonstrate the movements with muscles producing the movements of atlantooccipital joint and atlantoaxial joint
APR	21	AN 57.2 L Describe extent of spinal cord in child and adult with its clinical implication	AN 57.5 L Describe the anatomical basis of clinical conditions affecting the grey and white matter of spinal cord	BC 10.3 SGT Describe purine degradation and associated disorders	PY10.9 L Describe the course of descending tracts,its clinical implications	DOAP Competency assessment and certification PY 10.19
APR	22	AN 57.3 L Draw and label transverse section of spinal cord at mid cervical and mid thoracic level	AN 58.2 L Describe transverse section of medulla oblongata at the level	PY10.9 L Describe the course of descending tracts,its clinical implications	SDL X Developmental basis of congenital anomalies of face, palate, tongue, branchial apparatus, pituitary gland thyroid gland and eye	BC 14.10 DOAP Estimation of serum uric acid
APR	23	DOAP Competency assessment and certification PY10.19	AN 43.7 SGT Plain X-ray skull, AP View and lateral view, plain x-ray cervical spine AP and lateral view	BC 10.4 L Describe cell cycle & apoptosis	PY10.10 ECE Discuss types and clinical features of spinal cord lesions (complete, incomplete transection	AN 43.4 SGT Developmental basis of congenital anomalies of face, palate, tongue, branchial apparatus, pituitary gland thyroid gland and eye
APR	24	BC 9.1 SDL Discuss sources, absorption, transport and metabolism of Calcium and Phosphorus	AN 58.3 L Describe cranial nerve nuclei in medulla oblongata	PY10.11 L Describe functional anatomy of cerebellum, its connections, functions and clinical abnormalities .	BC 10.4 L Describe DNA structure	AN 43.5 SGT Demonstrate- Testing of muscles of facial expression, extraocular muscles, muscles of mastication, palpation of carotid arteries
APR	25	AETCOM MODULE 1.3 SGD Doctor patient relationship (PHYSIOLOGY)		AN 59.3 L Describe cranial nerves nuclei in pons		
APR	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
APR	27	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	CM 6.4 L Describe, discuss and demonstrate common sampling techniques and simple statistical methods.	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
APR	28	AN 57.4 L Enumerate ascending and descending tracts at mid thoracic level of spinal cord	AN 58.2 L Describe transverse section of medulla oblongata at the level	BC 10.4 L Describe replication	PY10.13 SGT Discuss the mechanism of maintenance of tone, posture and control ofbody movements	DOAP Competency assessment and certification PY10.19
APR	29	AN 43.7 SGT Plain X-ray skull, AP View and lateral view, plain x-ray cervical spine AP and lateral view	AN 43.9 SGT Identify anatomical structures in carotid angiogram and vertebral angiogram	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	BC 9.1 SDL Discuss Magnesium, Zinc, trace elements
APR	30	DOAP Competency assessment and certification PY10.19	AN 58.4 L Describe the anatomical basis of clinical condition affection the medulla oblongata	BC 10.5 L Describe DNA Repair, Mutations	PY10.15 L Discuss functional anatomy of hypothalamus and limbic system its connections, functions	AN 43.9 SGT Identify anatomical structures in carotid angiogram and vertebral angiogram
MAY	01	HOLIDAY				
		BC 14.14 Demo Estimation of serum calcium and phosphorus	AN 59.2 L Draw and label transverse section of PONS at the upper and lower level	PY10.15 L Discuss functional anatomy of hypothalamus and limbic system , its connections, functions and clinical abnormalities .	BC 10.4 L Describe steps of transcription	AN 60.1 SGT Describe and demonstrate external and internal features of cerebellum
MAY	02	FAMILY ADOPTION PROGRAM				
MAY	03	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	**04**	Test Topic: CNS I	AN 58.4 L Describe the anatomical basis of clinical condition affection the medulla oblongata	CM SGT 6.5 Able to understand use of statistical software for the data analysis	PY10.16 L Discuss functional anatomy of cerebral cortex, its connections, functions and Clinical abnormalities	AN 57.1 SGT Identify External features of spinal cord
MAY	**05**	AN 58.1 SGT Identify external features of medulla oblongata	AN 59.2 L Draw and label transverse section of PONS at the upper and lower level	BC 10.4 L Describe steps of transcription	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	**06**	AN 59.1 SGT Identify external features of pons	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 14.15 Demo DNA Isolation
MAY	**07**	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 10.4 L Describe major steps in translation	PY11.1 SGT Describe and discuss physiology of smell and its applied aspects	AN 60.1 SGT Describe and demonstrate external and internal features of cerebellum
MAY	**08**	BC 14.19 Clinical case studies Genetic disorders	AN 58.1 SGT Identify external features of medulla oblongata	PY11.2 L Describe and discuss physiology of taste sensation and applied aspects	BC 10.4 L Describe major steps in translation	AN 61.1 SGT Identify external and internal features of mid brain
MAY	**09**	AETCOM MODULE 1.4 SGD Communication skills (ANATOMY)		AN 60.2 L Describe connection of cerebellar cortex and intracerebellar nuclei		
MAY	**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
MAY	11	**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 62.2 SGT Describe and demonstrate surfaces, Sulci, gyri, poles and function areas of cerebral hemispheres
MAY	12	AN 60.3 L Describe anatomical basis of cerebellar dysfunction	AN 62.2 SGT Describe and demonstrate surfaces, Sulci, gyri, poles and function areas of cerebral hemispheres	BC 10.6 L Describe regulation of gene expression	PY11.3 L Describe and discuss functional anatomy of ear and auditory pathways, vestibular apparatus	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	13	AN 60.3 L Describe anatomical basis of cerebellar dysfunction	AN 61.2 L Describe internal features of mid brain at the level of superior and inferior colliculus	PY11.4 L Discuss physiology of hearing, pathophysiology of deafness and hearing tests	AN 46.1 SGT Microanatomy of testis , epididymis, penis	**CERTIFIABLE COMPETENCY ASSESSMENT** Estimation of blood urea, serum cholesterol
MAY	14	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 61.3 L Describe the anatomical basis of clinical conditions the midbrain	BC 10.6 L Describe regulation of gene expression	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
MAY	15	**CERTIFIABLE COMPETENCY ASSESSMENT** Estimation of blood urea, serum cholesterol	AN 62.1L Describe the cranial nerves nuclei with its functional components	PY11.5 L Discuss functional anatomy of eye, visual pathway, light and pupillary reflex	BC 10.6 L Describe regulation of gene expression	AN 62.6 AN 64.1 SGT Describe and identify formation branches and major areas of distribution of circle of Willis
MAY	16	AETCOM MODULE 1.4 SGD Communication skills (ANATOMY)	PY11.5 L Discuss functional anatomy of eye, visual pathway, light and pupillary reflex and clinical implication of lesions in visual pathway	AN 62.3 L Describe the white matter of cerebrum		
MAY	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
MAY	**18**	**FA BIOCHEMISTRY**		CM 9.1 L Define and describe the principles of demography, demographic cycle and vital statistics	PY11.5 L Discuss functional anatomy of eye, visual pathway, light and pupillary reflex	AN 63.1 SGT Describe and demonstrate parts, boundaries and features of 3rd, 4h and lateral ventricle
MAY	**19**	AN 73.3 &74.1 SGT Describe mendelian and non-mendelian inheritance&Describe the Lyon's hypothesis	AN 62.4 L Describe the parts and major connection of basal ganglia and limbic lobe	BC 10.7 L Describe applications of molecular techniques	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
MAY	**20**	AN 63.2 L Describe anatomical basis of congenital hydrocephalus	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	**CERTIFIABLE COMPETENCY ASSESSMENT** Estimation of serum creatinine, creatinine clearance, uric acid
MAY	**21**	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 63.3 L Describe The olfactory, visual, auditory and gustatory pathways	BC 10.7 L Describe applications of molecular techniques	PY12.1 SGT Describe physiological mechanism of temperature regulation	AN 74.2 SGT Draw pedigree charts of various types of inheritance and give examples of disease of each mode of inheritance
MAY	**22**	**CERTIFIABLE COMPETENCY ASSESSMENT** Estimation of serum creatinine, creatinine clearance, uric acid	AN 62.5 L Describe boundaries, parts gross relations , major nuclei and connection of dorsal thalamus, hypothalamus and subthalamus	PY12.2 L Discuss adaptation to altered temperature (heat and cold) and mechanism of fever	BC 10.7 L Describe applications of molecular techniques	AN 73.2 SGT Describe Technique of karyotyping with its application
MAY	**23**	**ECE ANATOMY**		AN 62.4 L Describe the parts and major connection of basal ganglia and limbic lobe		
MAY	**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
MAY	**25**	**FA PHYSIOLOGY**		CM 9.2 L Define, calculate and interpret demographic indices including birth rate, death rate and fertility rates	PY12.3 L Discuss cardio-respiratory and metabolic adjustments during exercise (isometric and isotonic	AN 63.1 SGT Describe and demonstrate parts, boundaries and features of 3rd, 4h and lateral ventricle
MAY	**26**	AN 58.1-58.4 L Medulla oblongata	AN 64.2 L Describe the development of neural tube, spinal cord, medulla oblongata, pons, midbrain, cerebral hemisphere and cerebellum	BC 13.1 L Describe oncogenesis and oncogenes	PY12.4 SGT Discuss physiological consequences of sedentary lifestyle; metabolic.	DOAP Competency assessment and certificationPY10.20
MAY	**27**	AN 61.1 SGT Identify external and internal features of mid brain	AN 74.3 SGT Describe multifactorial inheritance with examples	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	BC14.19 14.16 DEMO Liver Function Tests Describe the estimation of SGOT (AST) / SGPT (ALT) / Alkaline Phosphatase and interpretation of results with clinical scenarios Rationale of tests done in Jaundice
MAY	**28**	DOAP Competency assessment and certification PY10.20	AN 64.3 L Describe Various types of open neural tube defects	BC 13.1 L Describe p53, Apoptosis	PY12.7 SGT Discuss the concept, criteria for diagnosis of Brain death and its implications	AN 57.5 & 59.4 SGT Describe the anatomical basis of clinical conditions affecting the grey and white matter of spinal cord
MAY	**29**	BC 14.13 DOAP Perform the estimation of serum Bilirubin by manual / semi- automated analyzer method.	AN 75.4 L Describe genetic basis of variation: polymorphism and mutation	PY12.7 SGT Discuss the concept, criteria for diagnosis of Brain death and its implications	BC 13.2 SGT Describe tumour markers and basis of cancer therapy	AN 74.4 SGT Describe the genetic basis and clinical features of achondroplasis, cystic fibrosis ,Vitamin D Resistant
MAY	**30**	**ECE BIOCHEMISTRY**		AN 62.2 SGT Describe and demonstrate surfaces, Sulci, gyri, poles and function areas of cerebral hemispheres		
MAY	**31**	**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	01	SUMMER VACATION				
JUN	02					
JUN	03					
JUN	04					
JUN	05					
JUN	06					
JUN	07	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	**08**	DOAP Competency assessment and certification PY10.20	AN 63.1 L Describe and demonstrate parts, boundaries and features of 3rd, 4h and lateral ventricle	CM 9.3 L Enumerate and describe the causes of declining sex-ratio and its social and health implications	PY8.1 L Describe the functional anatomy of endocrine glands, mechanism of hormonal action HPA	AN 60.1 SGT Describe and demonstrate external and internal features of cerebellum
JUN	**09**	AN 77.6 L Describe tertogenic influences, fertility and sterility , surrogate , sex ratio	AN 63.1 L Describe and demonstrate parts, boundaries and features of 3rd, 4h and lateral ventricle	BC 11.2 L Discuss mechanism of hormone action	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	**10**	SDL IV- AN 44.5 Explain the anatomical basis of inguinal hernia	AN 75.5 L Describe in brief : genetic counselling, karyotyping, FISH, PCR and genetic sequencing	PY8.2 SGT Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland	AN 44.4 L Describe & demonstrate extend boundaries, contents of inguinal canal Hesselbach's Triangle	BC 14.20 DEMO Describe and identify pre-, analytical and post analytical errors in lab
JUN	**11**	DOAP Competency assessment and certification PY10.20	AN 71.1& 71.2 L Describe the microscopic structure of cartilage & Bone	BC 11.2 L Discuss mechanism of hormone action	AITO: THYROID Ds Session 3 PY8.3 GM 12.2 SGT Describe the synthesis, secretion, transport, physiological actions, NESTING	
JUN	**12**	BC 14.21 DOAP Describe quality control and identify basic LJ charts	AN 44.1 44.2 44.3L Describe & identify the Fascia, nerves & blood Describe the formation of rectus sheath and its contents	AITO: THYROID Ds Session 4 PY8.3 PA 31.3 SGT Regulation and effect of altered secretion of adrenal gland and its function tests	BC 11.2 L Discuss mechanism of hormone action	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	**13**	**ECE PHYSIOLOGY**		AN 44.6 SGT Describe & demonstrate attachments of muscles of anterior abdominal wall		
JUN	**14**	**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	15	PY12.9 DOAP Obtain history and perform general examination in the volunteer / simulated environment	AN 44.1 44.2 44.3L Describe & identify the Fascia, nerves & blood Describe the formation of rectus sheath	CM 9.4 L Enumerate and describe the causes and consequences of population explosion and population dynamics of India	PY8.4 L Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper)	AN 62.6 8.1 SGT Describe and identify formation branches and major areas of distribution of circle of Willis
JUN	16	AN 44.6 SGT Describe & demonstrate attachments of muscles of anterior abdominal wall	AN46.1 ,46.2, 46.4 L Describe & demonstrate testis with its applied anatomy, Epididymis, Varicocele	AITO: THYROID Ds Session 5 BC 11.2 GM 12.2 SGT Describe thyroid hormones	PY8.5 L Describe the synthesis, secretion, transport, physiological actions, regulation & effect of altered (hypo & hyper)	PY12.9 DOAP Obtain history and perform general examination in the volunteer / simulated environment
JUN	17	**FA ANATOMY**		PY8.5 L Describe the synthesis, secretion, transport, physiological actions, Regulation, secretion of parathyroid gland	AN 44.4 L Describe & demonstrate extend boundaries, contents of inguinal canal Hesselbach's Triangle	**CERTIFIABLE COMPETENCY ASSESSMENT** Estimation of bilirubin, quality control & LJ charts
JUN	18	DOAP Revision of hematology practical	AN 47.1 L Peritoneum, Lesser and Greater sac	AITO: THYROID Ds Session 6 BC 11.1 11.2 GM 12.8SGT Describe thyroid function tests, thyroid disorders	PY8.6 SGT Describe the synthesis, secretion, transport, physiological actions, regulation & effect of altered secretion of pancreatic gland.	AN 50.2 SGT Describe and demonstrate the type, articular ends, ligaments and movements of intervertebral joints, sacroiliac joints and pubic symphysis
JUN	19	**CERTIFIABLE COMPETENCY ASSESSMENT** Estimation of bilirubin, quality control & LJ charts	AN 47.6 & 47.7 L Referred pain in cholecystis, obstructive jaundice, around umblilicus, Demonstrate boundaries of Calot's triangle.	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 Discuss pituitary hormones	AN 50.1& 53.4 SGT Describe the curvatures of the vertebral column, Clinical importatnce of bones of abdominopelvic region.
JUN	20	AN 47.2,47.3,L Identify various peritoneal folds and pouches Anatomical basis of Ascites & Peritonitis	AN 47.6 L Explain the anatomical basic of splenic notch, accessory spleens, Kehr's Sign	AITO: THYROID Ds Session 7		
JUN	21	**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	22	DOAP Revision of hematology practical	AN 47.8, L Describe & Identify the formation, course relations and tributaries of portal vein, inferior vena cava and renal vein	CM 9.5 L Describe he methods of population control	PY8.7 L Describe the physiology of Thymus & Pineal Gland	AN 47.4 SGT Explain anatomical basis of Supphrenic abscess
JUN	23	AN 47.5 SGT Describe & Demonstrate major viscera of abdomen stomach	AN 47.12 L Describe important nerve plexuses of posterior abdominal wall	BC 11.1 L Discuss adrenal hormones	Student seminar PY1.4	Student seminar PY1.4
JUN	24	AN 47.5, 47.6 SGT Describe & Demonstrate major viscera of abdomen Liver, Liver Biopsy	AN 47.13, 52.5 L Describe & demonstrate the attachments , openings,	Student seminar PY2.5	AN 72.1 L Identify the skin and its appendages under microscope	BC 12.1 SGT Discuss xenobiotics in health and disease
JUN	25	DOAP Revision of experimental lab graphs	AN 45.1 L Describe Thoracolumbar fascia, its different layers, their attachments and extents	BC 11.1 L Discuss adrenal function tests	Student seminar PY5.6	
JUN	26	BC 12.2 12.3 L Describe antioxidant defence system Describe the role of oxidative stress in various diseases	AN 45.3 LDescribe and demonstrate back muscles, nerve supply and action	Student seminar PY5.11	BC 11.2 SGT Discuss reproductive hormones	AN 47.9 SGT Describe and identify the origin, course, important relations and branches of the abdominal aorta coeliac trunk
JUN	27	AN 47.11 SDL V Explain the anatomic basic of hematemesis and caput medusa in portal hypertension	AN 52.4 & 52.6L Describe the development of anterior abdominal wall, congenital anomalies of:	Student seminar PY5.13		
JUN	28	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	**29**	Test Topic: Integrated Physiology and Endocrine system	AN 45.1 L Describe Thoracolumbar fascia, its different layers, their attachments and extents	CM LEC 9.6 Describe the National Population Policy.	Student seminar PY7.3	AN 47.10 SGT Describe sites of portosystemic anastomosis, describe its applied anatomy and anatomical correlations
JUN	**30**	AN 45.2 SGT Describe & demonstrate Lumbar plexus, its root value, formation, branches and clinical anatomy	AN 45.3 LDescribe and demonstrate back muscles, nerve supply and action	BC 11.2 L Discuss markers of reproductive health	Student seminar PY9.4	DOAP Human/clinical Physiology Lab Leaving
JUL	**01**	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 52.4 & 52.6L Describe the development of anterior abdominal wall, congenital anomalies of: foregut, midgut and hind gut	Student seminar PY10.4	SGT AN 52.1 Describe and identify the microanatomical features of Gastro-intestinal system	BC 14,24 SGT Observe, interpret ,and discuss baseline, diagnostic and prognostic investigations in Biochemistry Lab
JUL	**02**	DOAP Human/clinical Physiology Lab Leaving	AN 52.6 L Describe the development and congenital anomalies of : foregut, midgut and hind gut	BC 11.2 L Discuss importance of prenatal screening	Student seminar PY10.5	AN 47.14, SGT Describe the abnormal openings of thoracoabdominal diaphragm and diaphragmatic hernia
JUL	**03**	BC 14.19 SGT Rationale of biochemical tests done in vitamin deficiency, nutritional and mineral disorders, nephrotic syndrome, gout	AN 55.2 LDemonstrate the surface projection of stomach, liver, funds of gall bladder, spleen, Duodenum, Pancreas, Ilrocaecal junction, kidneys and root of mesentery	SGT PY10.7	BC 13.5 SGT Discuss artificial intelligence in Clinical laboratory practices	AN 47.6 SGT Demonstrate major viscera of abdomen Kidney to groin
JUL	**04**	**FAMILY ADOPTION PROGRAM**				
JUL	**05**	**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	**06**	DOAP Human/clinical Physiology Lab Leaving	AN 53.2 L Anatomical position of bony pelvis	CM LEC 9.7 Enumerate the sources of vital statistics including census, SRS, NFHS, NSSO etc	Student seminar PY10.6	AN 54.2, 54.3, 54.4: SGT Describe and identify of X-ray abdomen, Barium swallow, Barium meal, Barium enema, Cholecystography
JUL	**07**	AN 48.3 SGT Describe And demonstrate the origin, course, important relations and branches of internal iliac artery	AN 48.5, 48.6 L Explain the anatomical basis of suprapubic cystomy , Neurlogical basis of Automatic bladder	Revision: Metabolisms	Student seminar PY10.6	DOAP Revision of clinical examination of CNS, CVS, Respiratory, Abdomen and general physical examination
JUL	**08**	AN 48.7, 48.5 SDLVI ProstateBPH, the lobes involved in benign prostatic hypertrophy and prostatic cancer	AN 48.4 L Describe the branches of sacral plexus	SGT PY10.9	AN 52.1 SGT Microanatomy liver , gall bladder	Assessment of certifiable competencies Remedial Session
JUL	**09**	DOAP Revision of clinical examination of CNS, CVS, Respiratory, Abdomen and general physical examination	AN 48.1 L Blood supply, nerve supply, lymphatic drainage and clinical aspects of important male and female pelvic viscera	Revision: Molecular	Tutorial PY10.10	AN 49.1 49.2 49.3 SGT perineal membrane superficial and deep perineal pouch
JUL	**10**	Assessment of certifiable competencies Remedial Session	AN 49.4L Ischiorectal fossa	SGT 10.11	Revision: Endocrinology Immunology	AN 51.2 SGT Mid Sagittal section of male and female pelvis
JUL	**11**	AN 54.1 SGT Principles Of plain and contrast radiography, CT, MRI.	AN 49.5 L Anatomical basis of perineal tear, Episiotomy, perianal abscess and anal fissure	SGT 10.11		
JUL	**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
		SEND UP EXAMINATIONS				
JUL	13	ANATOMY: PAPER A				
JUL	14	ANATOMY: PAPER B				
JUL	15	BIOCHEMISTRY: PAPER A				
JUL	16	BIOCHEMISTRY: PAPER B				
JUL	17	PHYSIOLOGY: PAPER A				
JUL	18	PHYSIOLOGY: PAPER B				
JUL	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
JUL	20	SEND UP: PRACTICAL				
JUL	21	SEND UP: PRACTICAL				
JUL	22	SEND UP: PRACTICAL				
JUL	23	FEED BACK				
JUL	24	FEED BACK				
JUL	25	FEED BACK				
JUL	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
AUG	UNIVERSITY FINAL EXAMINATIONS					