

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
Feb8 Monday	AN1.1 Anatomy (L) Introduction to anatomy	PY1.2 Homeostasis: principles, modes of action of control systems, regulation (L)	P Y1.1 B I 1.1 - Cellular organelle; structure & functions of cellular organelles (HI)	Dissection		AN 65.1,65.2 DOAP Anatomy (Common objects and Microscope)	
Feb 9 Tuesday	PY1.6 Body fluid compartments – ionic composition, various methods of measurement of each compartment (L)	AN1.1 Anatomy (L) Anatomical planes and terms	PY2.1 Composition of blood ,functions of blood components, properties of blood (L)	Dissection		Practical	
Feb 10 Wednesday	B I 1.1 - Plasma membrane(L)	PY1.3 Intercellular communications, cell adhesion molecules (L)	AN65.2 Contacts between adjoining cells,Basement membrane, Projections from cell surface, Tissue definition and Types of Tissue	Dissection		BI1.1 commonly used laboratory apparatus and equipments, good safe laboratory practice and waste disposal (SGD)	
Feb 11 Thursday	AN65.1,2 Anatomy (L)– Histology -Simple epithelium	Community Medicine				Practical	

(Practical sessions with four batches of 25 students rotating in Anatomy, Physiology, Biochemistry departments and topic per week for each subject mentioned in the table)

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
Feb 12 Friday	PY1.5 Transport across cell membrane, passive transport : diffusion, factors affecting rate of diffusion, osmosis, tonicity active transport types & eg, Na –K pump functions (L)	B I 6.7 - Regulation of water balance(L)	AN8.1 Anatomy (L) Osteology - clavicle	PY2.2 Plasma proteins : types , functions, factors affecting the synthesis, properties, abnormalities, clinical importance of A/G ratio (L)	PY2.3 Hemopoiesis – bone marrow types and clinical importance of bone marrow investigations and transplantation. Red cell: membrane structure and composition (L)	DOAP Anatomy Simple Epithelium	
Feb 15 Monday	B I 10.4 - Plasma proteins- Types, Functions, Separation, Abnormal patterns in clinical diseases, A/G ratio, Acute phase proteins(L)	PY1.5 Active transport- primary, Na –K pump, secondary, Vesicular transport – mechanism, types (L)	AN8.2 Anatomy (L) – Osteology - Scapula	Dissection		Practical	
Feb 16 Tuesday	ANA.7.1,2,4 Anatomy (L)– Introduction to nervous system – Typical spinal nerve	PY2.6 Leucopoiesis: sites, steps, stages, regulation, structure of each WBC (L)	B I 10.4 - Immunoglobulins: Types, General structure(L)	Dissection		BI11.2 Preparation of buffers and estimation of pH. (SGD)	
Feb 17 Wednesday	PY1.7(block 3,HI with biochemistry)1.8:Membrane potential of excitable tissues, ionic basis, resting membrane potential, recording	AN8.3 Anatomy (L)– Osteology - Humerus	PY2.4 RBC: functions, normal count, abnormal forms. Erythropoiesis : sites, stages, steps (L)	Dissection		Practical	
Feb 18 Thursday	B I 10.4 - Structure of IgM & IgA. Functions Hypergammaglobulinemia, Hypogammaglobulinemia, Multiple myeloma(L)	PY2.6 WBC : (ECE) normal Count, Arneht count ,Schilling index ,functions and properties of WBC, properties, leukaemia	AN65.1,2 Anatomy (L)– Histology - Compound epithelium	Dissection		Sports & ECA	

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
Feb 19 Friday	PY2.4 Regulation of erythropoiesis. 2.3: Hemoglobin : normal level, steps of Hb synthesis, functions, types of Hb, variants and derivatives (L)	B I 6.9 - Iron: Dietary sources, RDA, Absorption, transport & storage(L)	AN9.1-3 Anatomy (L) – Pectoral region and Mammary gland (with Integration Surgery- Ca Breast-Diagnosis and Management-Anatomical basis)	PY1.9 Methods to demonstrate cell functions, communications – ion channels, patch clamp. 1.4Apoptosis (VI with Pathology)	PY2.10 WBC : classification of immunity, development of immune systems, peripheral lymphoid organs (L)	DOAP Anatomy Compound Epithelium	
Feb 20 Saturday	B I 6.9- Causes of iron deficiency, lab investigations Hereditary Hemochromatosis(L)	P Y2.3 (ECE) Breakdown of Hb, abnormal Hb – thalassemia, HbS (defect, features,treatment)Structure of Hb –(HI with Biochemistry)	AN10.1 Anatomy (L)– Axilla and axillary artery	Dissection		Practical	
Feb 22 Monday	AN10.3 Anatomy (L)– Brachial plexus	PY2.10 WBC : Innate immunity - mechanism, acquired immunity Tcell&Bcell types, antigen , antigen presenting cell, MHC (L)	B I 6.5- Water soluble – Vitamins – Vitamin C(L)	Dissection		BI11.3 Chemical components of normal urine(SGD)	
Feb 23 Tuesday	PY2.7 Platelets : thrombopoiesis : sites, stages , regulation , structure of platelets, normal count (L)	AN11.2,6 Anatomy (L) – Brachial Artery Anastomosis around the elbow	PY2.5 Anemia – (ECE)(V I with pathology)definition, grades, classification based on etiology, morphology, clinical features, iron deficiency anemia – cause, features, treatment	Dissection		Practical	
Feb 24 Wednesday	B I 6.5- Water soluble – Vitamins – Folic acid, B12(L)	PY2.7 Platelets : functions , properties, thrombocytopenia (L)	AN11.5,3 Cubital fossa (with ECE- Paramedicals- Blood withdrawal from Median cubital Vein)	Dissection		Sports & ECA	

Feb 25 Thursday	AN65.2 Anatomy (L)– Histology – Glandular epithelium	Community Medicine					AETCOM (1.5)	
Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm	
Feb 26 Friday	PY2.6 WBC : Structure and function of immunoglobulin, humoral immunity - mechanism (L)	B I 6.5 - Water soluble – Vitamins – Folic acid, B12(L)	AN8.4 Anatomy (L) – Osteology - Radius	PY2.5 (ECE) Megaoblastic anemia, aplastic anemia, haemolytic anemia, polycythemia – primary, secondary Iron metabolism – (HI with Biochemistry)	PY2.5 Jaundice (ECE)– different types, normal serum bilirubin, and its metabolism, tests to diagnose the various types of jaundice (VI with pathology. HI with biochemistry)	DOAP Anatomy Glandular Epithelium		
Feb 27 Saturday	B I 5.1- Classification of aminoacids based on structure, metabolic fate, nutritive value(L)	PY2.8 Hemostasis : steps, role of platelets, clotting factors (L)	AN8.5 Anatomy (L)- Osteology – Ulna	Dissection		Practical		
March 1 Monday	PY2.8 Mechanism of coagulation- intrinsic& extrinsic pathways, clot retraction , role of calcium, vitamin K in coagulation (L)	AN8.6 Anatomy (L) – Osteology – Carpal bones	PY2.6 WBC : (ECE) cell mediated immunity – mechanism, cytokines, immune tolerance, autoimmunity, immunodeficiency diseases	Dissection		BI11.4 Perform urine analysis to estimate and determine normal and abnormal Constituents (DOAP)		
March 2 Tuesday	B I 5.1- Properties of aa: ionic properties, isoelectric pH, buffering action of aa & proteins(L)	PY2.9Blood group systems, Landsteiner’s law, blood grouping (L)	AN12.7 Anatomy (L) Course and Branches of Important vessels and nerves in hand. Surface Anatomy of Superficial and deep palmar arch.	Dissection		Practical		
March 3 Wednesday	AN12.10 Anatomy (L)– Palm and palmar spaces	Community Medicine				AETCOM (1.5)		

	(with ECE - Infection involving pulp space or other spaces and drainage)		
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Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
March 4 Thursday	AN66.1,2 Anatomy (L)– Connective tissue I,II.	PYY2.8Antihemostatic mechanisms: anticoagulants, fibrinolytic system (L)	B I 2.1- Enzymes Definition, IUBMB classification (L)	Dissection		Integrated teaching	
March 5 Friday	P2.8(ECE)Bleeding and clotting disorders , purpura, haemophilia, laboratory tests .Integration with pathology	AN12.3 Anatomy (L)– Retinacula of hand	PY2.9 Rh blood group system, haemolytic disease of newborn (L)	Dissection		Integrated teaching	
March 6 Saturday	B I 2.1- Coenzymes & Cofactors, Km value & its significance(L)	PY3.1 Neuron(HI with anatomy) –structure, function, types, neuroglia, nerve growth factors	AN12.15 Anatomy (L) Dorsal Digital Expansion, Interossei Muscles,Lumbricals			Sports & ECA	

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
March 8 Monday	PY3.1 Axoplasmic transport. 3.2 : Nerve fibre – classification, functions, properties, resting membrane potential, action potential (L)	B I 5.1- Peptide bond, biologically important peptides, structural organization of proteins- Primary structure (L)	AN13.3 Anatomy (L)– Classification of joints	PY2.9 Blood transfusion : criteria of donor, cross matching, complications of blood transfusion (L)	PY2.9 (ECE) Blood bank, storage of blood.. Autologous blood transfusion. Integration with pathology	DOAP Anatomy Connective Tissue	
March 9 Tuesday	B I 5.1- Secondary structure of proteins(L)	PY5.1(HI with Anatomy) Functional anatomy of heart, conducting system	AN13.4 Anatomy (L) – Shoulder joint (With ECE - Shoulder dislocation)	Dissection		Practical	
March 10 Wednesday	AN77.3 Embryology (L) spermatogenesis	PY 3.2 Nerve fibre properties – all or none law, refractory period 3.17strength duration curve (L)	B I 2.1- Concept of active site, Specificity of enzymes; factors affecting enzyme activity(L)	Dissection		BI11.5 Screening of urine for inborn errors & describe the use of paper Chromatography (SGD) (HI General Medicine)	
March 11 Thursday	PY6.1 Functional anatomy of respiratory tract, conducting zone, respiratory zone, functions of respiratory system (L)	AN13.3 Anatomy (L)- Radioulnar Joint, Pronation & Supination	PY5.2 Cardiac muscle: structure, properties- resting membrane potential, action potential (L)	Dissection		Practical	

March 12 Friday	B I 5.1- 3 ^o & 4 ^o structure of proteins, myoglobin, collagen & hemoglobin; Protein folding, Prion Diseases(L)	PY3.2 Graded potential, propagation of action potential (L)	AN10.10,11 Anatomy (L) Deltoid, Rotator Cuff Muscles, Serratus Anterior (with ECE- Nursing IM injection Deltoid)	Dissection	Sports & ECA
March 15 Monday	ANA.2.1,2,3 Anatomy Histology(L) – Bone I.	Community Medicine			AETCOM (1.1)

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
March 16 Tuesday	PY5.2 Mechanism of contraction of cardiac muscle, properties – refractory period (L)	BI5.1 Classification of proteins, nutritional value, limiting aminoacids denaturation of proteins(L)	ANA.2.1, 71.1 Anatomy Histology (L)– Bone II.	PY6.2Mechanics of pulmonary ventilation, muscles of inspiration and expiration (L)	PY3.2 Compound action potential, recording of action potential (L)	DOAP Anatomy Bone Tissue	
March 17 Wednesday	B I 2.3- Enzyme regulation in biological systems (L)	PY5.2 Properties of cardiac muscle- length tension relation, Frank Starling law (L)	AN77.3 AnatEmbryology (L)- oogenesis	Dissection		Practical	
March 18 Thursday	AN13.4 Anatomy (L)- Elbow Joint, Wrist Joint, 1st Carpo-metacarpal JointAnatomy	PY 3.3 (VI with general medicine) Nerve degeneration and regeneration , types of nerve injury	B I 2.3- Enzyme regulation in biological systems(L)	Dissection		BI11.6 The principles of colorimetry (SGD)	

March 19 Friday	PY6.2 Pressure changes during ventilation- intrapleural and intrapulmonary pressure (L)	AN77.1 Anatomy (L)– Embryology – Menstrual cycle	PY5.4 Origin and spread of cardiac impulse , pacemaker potential, role of autonomic nervous system in impulse generation (L)	Dissection	Practical
March 20 Saturday	B I 2.4- Enzyme inhibition(L)	PY3.4(VI with anaesthesia) Neuromuscular junction : structure, impulse transmission across NMJ	AN13.2 Anatomy (L) Dermatome. Dermatomes of Upper limb.		Sports & ECA
March 22 Monday	ANA.7.2,3 68.1,2,3 Anatomy Histology(L)– Nervous tissue – Peripheral nerve and optic nerve Anatomy – Perineal pouches	Community Medicine			AETCOM(1.1)

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
March 23 Tuesday	PY6.2 Intrapleural pressure – measurement and significance (L)	B I 2.4- Enzyme inhibition(L)	AN77.4 Anatomy Embryology(L)- Fertilization and Implantation and ART	PY3.5 (VI with anaesthesia, pharmacology) Neuromuscular blocking drugs	PY3.6(VI with Pathology / ECE) Myasthenia gravis – pathophysiology, clinical features, Lambert Eaton syndrome	DOAP Anatomy Nervous Tissue - Peripheral nerve and Optic nerve	
March 24 Wednesday	B I 2.6 - Clinical enzymology: Diagnostic importance of enzymes(L)	PY5.5 (VI with general medicine) Electrocardiogram (ECG): recording , leads	AN12.2,7 Anatomy (L)- Radial Nerve, Ulnar Nerve	Dissection		Practical	

March 25 Thursday	AN12.4 Anatomy (PBL)- Carpal Tunnel Syndrome, Median Nerve and Applied Aspects	PY6.2 Lung volumes and capacities - static, normal spirogram (L)	B I 2.7 - Enzymes -uses in laboratory, enzyme- based assays, therapeutic enzymes (L)	Dissection	BI11.7 Estimation of serum creatinine and creatinine clearance (Practical)
March 26 Friday	PY3.7(HI with Anatomy)Muscle – types of muscle fibre, muscle filaments, sarcomere, Sarcotubular system	AN10,7 Anatomy (L)- Venous and Lymphatic Drainage of Upper limb	PY5.5 Normal ECG – waves , intervals, segments, clinical uses of ECG, cardiac axis (L)	Dissection	Practical
March 27 Saturday	B I 3.1 – Classification of carbohydrates, Isomerism,Glycosidi c bonds (L)	PY3.8 Skeletal muscle: resting membrane potential, action potential, properties (L)	AN13.5 Anatomy (L) Xrays of the Upper Limb		Sports & ECA
March 29 Monday	ANA.7.8 Anatomy histology (L) – Nervous tissue II – ganglion	Community Medicine			AETCOM (1.1)

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
March 30 Tuesday	PY6.2 Lung volumes and capacities – dynamic (L)	B I 3.1- Amino &, deoxy sugars, Disaccharides, Polysaccharides, Glycosaminoglycans, mucopolysaccharidosis (L)	AN14.1 Anatomy Osteology(L)- Hip bone	PY5.6 (ECE/ VI with general medicine/HI with anatomy)Abnormal ECG –cardiac arrhythmias, heart blocks	PY3.9 Molecular basis of skeletal muscle contraction 3.10 Types of muscle contraction (L)	DOAP Anatomy- Nervous Tissue - Autonomic and Spinal Ganglia	

March 31 Wednesday	BI 4.1 Lipids - Definition, Classification, Fatty acids, Clinical significance of MUFA & PUFA; EFA, Trans FA(L)	P5.6(ECE)Abnormal ECG – myocardial infarction	AN49.1,2,3,5 Anatomy (L)- Perineum I Superficial and Deep perineal pouches	Dissection	Practical
April 12 Monday	AN49.4 Anatomy (L)- Perineum II Ischiorectal fossa	PY6.2 Pulmonary elastance - alveolar surface tension, Laplace law, surfactant , respiratory distress syndrome of new born (L)	B I 4.1- Cholesterol, TAG, Phospholipids : Composition & Function(L)	Dissection	BI11.8 estimation of serum proteins, albumin and A:G ratio(Practical)
April 13 Tuesday	PY3.10 Isotonic and isometric muscle contraction , contractile response and components, length tension relationship (L)	AN67.1-3 Anatomy Histology (L)- Muscle Tissue	PY6.2 Compliance - types, measurement , variations, airway resistance , work of breathing (L)	Dissection	Practical
April 14 Wednesday	B I 3.1 Glycosaminoglycans, mucopolysaccharidos is, Blood group antigens (L)	PY5.3 Cardiac cycle : phases – atrial, ventricular (L)	AN14.2 Anatomy Osteology (L)- Femur	Dissection	Sports & ECA

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
April 15 Thursday	PY3.8Smooth muscle : resting membrane potential, action potential, properties-length tension relationship, plasticity, muscle tone (L)	B I 4.1 - Phospholipases- Clinical highlights: Viper venom, Respiratory distress Syndrome (L)	AN16.1-5 Anatomy (L)- Gluteal region (With ECE- Nursing field on giving IM injections on gluteal region)	PY5.3 Cardiac cycle – events: pressure changes in atria , aorta, pulmonary artery (L)	PY5.10 Pulmonary circulation-special features, functions regulation (L)	DOAP Anatomy Muscle Tissue	

April 16 Friday	BI 6.2-Nucleotide chemistry (L)	PY3.9 Molecular basis of smooth muscle contraction (L)	AN Sciatic Nerve, Hamstring Muscles, Arterial anastomosis in back of Thigh	Dissection	Practical
April 17 Saturday	AN17.1-3 Anatomy (L)- Hip Joint (with Integration Ortho-Fracture Neck of Femur, Posterior dislocation)	PY6.2 Pulmonary and alveolar ventilation, dead space and measurement (L)	BI 6.2 Purine synthesis(L)	Dissection	BI11.9 estimation of serum total cholesterol and HDL cholesterol (Practical)
April 19 Monday	PY5.3 Cardiac cycle – pressure changes in ventricles (L)	AN14.3 Anatomy Osteology (L)- Tibia	PY3.11 (HI with biochemistry) Energy sources & muscle metabolism. 3.12 & 3.13 (VI with general medicine) muscular activity gradations, muscular dystrophy myopathies	Dissection	Practical
April 20 Tuesday	BI3.2 Digestion and assimilation of carbohydrates and storage. (L)	PY6.2 Ventilation perfusion ratio, alveolar air composition (L)	AN15.1,2,3,4,5 Femoral Triangle, Femoral Artery and Nerve, Adductor Canal, Obturator Nerve		Sports & ECA
April 21 Wednesday	AN71.2 Anatomy Histology (L)- Cartilage	Community Medicine			AETCOM (1.1)

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
April 22 Thursday	PY6.2 Respiratory membrane, factors regulating rate of	BI3.4 Glycolysis-definition, Reaction(L)	AN14.3 Anatomy Osteology (L)- Fibula	PY5.3 Cardiac cycle – volume changes in ventricles (L)	PY8.6 Classification of hormones, regulation of	DOAP Anatomy Cartilage Tissue	

	diffusion, diffusion capacity of lung (L)				hormone secretion (L)	
April 24 Saturday	BI 6.2 Purine catabolism: pathway, Hyperuricemia, Gout, treatment of Gout ;LeschNyhan syndrome, Hypouricemia(L)	PY8.6Mechanism of hormone action – steroid, protein, amine, second messengers(L)	AN14.4 Anatomy Osteology (L)- Patella (with Integration Ortho-Dislocation of Patella)	Dissection		Practical
April 26 Monday	AN18.4 Anatomy (L)- Knee Joint (with Integration Ortho-Examination of Knee Joint in Injury- to test Ligaments)	PY6.3Transport of oxygen :different forms (L)	BI 3.7 - Energetics, rate limiting step, Regulation Inhibitors of glycolysis(L)	Dissection		BI11.10 the estimation of triglycerides (Practical)
April 27 Tuesday	PY5.3Cardiac cycle – heart sounds, arterial pulse, recording of arterial pulse (L)	AN78.1-5 Anat Embryology(L) - Bilaminar Embryo	PY8.2 Pituitary gland – functional anatomy, hypothalamo pituitary axis, hormones of anterior pituitary (L)	Dissection		Practical
April 28 Wednesday	BI 6.2 Pyrimidine synthesis and degradation, Oroticaciduria(L)	PY5.9 Cardiac output – determinants, measurement, variations (L)	AN20.1,2 Anatomy (L) Ankle Joint, Subtalar Joint, Inversion and Eversion. (with Integration ortho-Sports Injury foot ball)	Dissection		Sports & ECA
April 29 Thursday	AN69.1,2,3 Anatomy Histology (L)- Vascular tissue	Community Medicine				AETCOM :1.4

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
April 30 Friday	PY6.3 Transport of oxygen – oxygen haemoglobin dissociation curve (L)	BI 6.5 Water soluble – Vitamins – Riboflavin, Pyridoxine(L)	AN14.1-4 Anatomy Osteology (L) - Tarsal bones	PY8.2 Growth hormone , synthesis, secretion , regulation of secretion (L)	PY5.9 Cardiac output – regulation (intrinsic and extrinsic) (L)	DOAP Anatomy Vascular Tissue	
May 3 Monday	BI 6.5 Pantothenic acid, Niacin, Biotin(L)	PY8.2(ECE) Growth hormone- actions, mechanism of action, acromegaly, gigantism, dwarfism	AN19.5-7 Anatomy (L)- Arches of foot (with ECE- Club foot)	Dissection		Practical	
May 4 Tuesday	AN78.2-5 Ana Embryology (L)- Trilaminar Germ disc	PY6.3 Transport of carbon dioxide – different forms , carbon dioxide dissociation curve (L)	BI 6.5 Water soluble – Vitamins – thiamine(L)	Dissection		BI11.1 Estimation of calcium and phosphorous	
May 5 Wednesday	PY5.9 Cardiac output – regulation by changes in heart rate (L)	AN79.4 Anatomy Embryology (L)- Intraembryonic Mesoderm and folding of embryo	PY8.2 Pituitary gland – prolactin: secretion, actions, regulation of secretion. ADH, : synthesis, mechanism of action, regulation (L)	Dissection		Practical	
May 6 Thursday	BI 6.5 Fat soluble – Vitamins – Vit A(L)	PY5.7 Hemodynamics – structure of blood vessel, factors regulating blood flow (L)	AN20.3,4,5 Anatomy (L) Venous and Lymphatic drainage of the lower limb (with ECE- Varicose Veins)			Sports & ECA	

May 7 Friday	AN25.1 Anat Histology(L)- Trachea and Lungs	Community Medicine				AETCOM :1.4	
Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
May 10 Monday	PY8.2(ECE) Diabetes insipidus, effects of hypersecretion of ADH. Oxytocin – actions, regulation of secretion	BI 6.5 Fat soluble – Vitamins – Vit D(L)	AN13.2-8,20.10 Anat Embryology(L)- Development of Limbs and Dermatomes of lower limb	PY5.7Hemo dynamics - organisation of vascular system (L)	PY*Regulation of respiration – neural: voluntary, automatic (L)	DOAP Anatomy Trachea and Lung	
May 11 Tuesday	BI8.1 Significance of dietary fibre , Glycemic index(L)	PY8.2 Thyroid gland – synthesis of thyroid hormone, transport, regulation of secretion (L)	AN80.3 Anat Embryology(L)- Formation and circulation of placenta	Dissection		Practical	
May 12 Wednesday	AN80.1-4 Anat Embryology (L)- Foetal membranes, Twinning and Teratology	PY5.9 Blood pressure – determinants , variations, measurement (L)	BI8.2 - Protein energy malnutrition and its effects. (L)	Dissection		BI11.12 estimation of serum bilirubin (Practical)	
May 13 Thursday	PY8.2Thyroid gland - actions of hormone (L)	AN20.6 Anatomy (L) X ray of Lower Limb	PY*Regulation of respiration - reflex regulation, Hering Breuer reflexes	Dissection		Practical	
May 14 Friday	BI8.2 - Protein energy malnutrition and its effects. (L)	PY5.9 Blood pressure – short term regulation (L)	AN18.1,2,3&19.1,2 Anatomy (L) Tibial Nerve,Peroneal Nerve, Plantar Nerves	Dissection		Sports & ECA	

May 15 Saturday	SDL – ANATOMY
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* Not included in the given competency by MCI

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
May 17 Monday	PY*Regulation of respiration – chemical (L)	BI 6.5 Fat soluble – Vitamins – Vit E(L)	AN21.1 Anat Osteology(L)- Sternum	PY8.2 9(ECE)Thyroid gland - hypo and hypersecretion of thyroid hormone	PY5.9 (ECE) Blood pressure - intermediate and long term regulation	Practical exams	
May 18 Tuesday	BI 6.5 Fat soluble – Vitamins – Vit K(L)	PY8.1 Bone physiology, calcium homeostasis (L)	AN21.3-11 Anatomy (L)- Thoracic wall	Dissection		Practical exams	
May 19 Wednesday	AN21.1 Anatomy Osteology(L)- Thoracic vertebrae	PY8.2Parathyroid gland - hormone secretion and regulation, mechanism of action (L)	BI 6.5 Fat soluble – Vitamins – Vitamin D(L)	Dissection		Practical exams	
May 20 Thursday	PY5.8Cardiovascular regulation – neural (L)	AN24.1 Anatomy (L)- Pleura (with ECE- Pleural Effusion)	PY*Regulation of respiration – chemical	Dissection		Practical exams	
May 21 Friday	BI6.9 Calcium and Phosphorus: metabolism and significance. (L)	PY*Regulation of respiration – ventilatory response to changes in pH,pO2 and pCO2	AN21.3 Anatomy (L) Thoracic Outlet and Applied anatomy	Dissection		Sports & ECA	

May 22 Saturday	AN24.1-5 Anatomy (L)- Lung I	Community Medicine	AETCOM 1.4
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* Not included in the given competency by MCI

First sessional theory examination

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
May 24 Monday	ANATOMY FIRST SESSIONAL EXAMINATION						
May 25 Tuesday	SDL – PHYSIOLOGY						
May 26 Wednesday	PHYSIOLOGY FIRST SESSIONAL EXAMINATION						
May 27 Thursday	SDL – BIOCHEMISTRY						
May 28 Friday	BIOCHEMISTRY FIRST SESSIONAL EXAMINATION						

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
May 29 Saturday	BI6.10 Regulation of blood calcium and phosphorus level, Hypercalcaemia, Hypocalcaemia(L)	PY5.8 Cardiovascular regulation – humoral and local mechanism	AN25.2 Anatomy (L) Development of Pleura and Lungs	Dissection		Sports & ECA	
May 31 Monday	AN70.1 Anat Histology(L) - Lymphatic System I- IntroToLymphaticsystem, Lymph node and Thymus	Community medicine				AETCOM 1.4	
Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
June 1 Tuesday	PY6.6 (ECE) Pathophysiology of dyspnoea and hypoxia. clinical features of hypoxia, classification of hypoxia	BI 3.2, BI 3.3 Digestion & absorption of glucose, glucose transporters, ORS, Lactose intolerance(L)	AN24.5,25.9 Anatomy (L)- Lung II (With ECE - Lobectomy in Ca Lung ,Imp of drainage of Bronchopulmonary segment)	PY 5.10(VI with general medicine) Regional circulation – microcirculation, lymphatic. Coronary (L)	PY 8.2 (ECE)Parathyroid gland – hypo and hypesection of hormone	DOAP Anatomy- Lymph Node and Thymus	
June 2 Wednesday	BI 3.4 Rappaport Lubering Pathway, Significance of 2,3 BPG, Cori's cycle(L)	PY8.2 Adrenal cortex - hormones secreted and its regulation : glucocorticoids(L)	AN22.1 Anatomy (L)- Pericardium (with ECE- Pericardial tamponade)	Dissection		Practical	
June 3 Thursday	AN22.2, 25.9 Anatomy (L) External features of heart and right Atrium	PY8.2 Adrenal cortex - - glucocorticoidsaction (L)	BI 3.4 fate of pyruvate, PDH reaction, lactic acidosis with 2 examples(L)	Dissection		BI11.13 estimation of SGOT/ SGPT	

June 4 Friday	PY 5.10 Regional circulation – cerebral, capillary, cutaneous(L)	AN21.11 Anatomy (L)- Mediastinum- Boundaries and contents	PY 6.6 (ECE) Pathophysiology of cyanosis, asphyxia, Periodic breathing	Dissection	Practical
June 5 Saturday	BI 3.4 Gluconeogenesis ; definition, substrates, reactions & key enzymes(L)	PY 5.10 Regional circulation – foetal ,splanchnic (L)	AN23.3 Anatomy (L) IVC and Azygos venous system	Dissection	Sports & ECA
June 7 Monday	AN43.2,70.2 Anatomy Histology (L)- LymphaticsII- Spleen and Tonsils	Community medicine			AN23.1,2,4 Anatomy (L)- Thoracic duct, Oesophagus, Thoracic Aorta

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
June 8 Tuesday	PY 6.4 High altitude physiology 6.5Acclimatization(L)	BI 3.4 Regulation, significance, glucose alanine cycle(L)	AN22.3,4,5 Anatomy (L)- Blood supply of Heart(with ECE- Myocardial Infarction)	PY8.2 Adrenal cortex – glucocorticoids: hypo and hypersercetion (L)	PY5.11 (ECE)Pathophysiology of shock, classification of shock	DOAP Anatomy- Spleen and Tonsils	
June 9 Wednesday	BI 3.4 Glycogenesis, Glycogenolysis; regulation in brief(L)	PY 5.11 Stages of shock, clinical features (L)	AN25.5,6 Anatomy (L)- Arterial arches	Dissection		Practical	
June 10 Thursday	AN22.2 Anatomy (L)- Chambers of heart	PY6.4 Deep sea diving 6.5 Decompression sickness (L)	BI 3.4 Glycogen storage disorders(L)	Dissection		BII1.14estimation of alkaline phosphatase (Practical)	

June 11 Friday	PY 8.2 Adrenal cortex - mineralocorticoids : secretion and regulation (L)	AN70.1,43.2 Anat Histology (L)- Salivary gland	PY 6.5 Principles of artificial respiration, oxygen therapy (L)	Dissection	Practical
June 14 Monday	BI 3.4 HMP shunt pathway; oxidative phase in detail, significance of HMP shunt pathway, G6PD, transketolase(L)	PY 5.11 Treatment of shock , syncope – pathophysiology (L)	AN Anatomy (L) Chest Xrays	Dissection	Sports & ECA

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
June 15 Tuesday	PY5.11(ECE) Heart failure – pathophysiology , clinical features, treatment	BI 3.4 Galactose metabolism; fructose metabolism, other minor pathways of carbohydrates(L)	AN25.3 Anatomy (L)- Foetal Circulation	PY 8.2 Adrenal cortex- mineralo- corticoids: actions. hypo & hypersecretion(L)	PY 6.7 Lung function tests(L)	DOAP Anatomy Salivary gland	
June 16 Wednesday	BI 3.9 Regulation of blood glucose : fed & fasting state; organs involved(L)	PY7.1 Functional anatomy of kidney, types of nephrons. 7.2 Juxtglomerular apparatus (L)	AN21.6,23.3 Anatomy (L)- Veins of Thorax	Dissection		Practical	

June 17 Thursday	AN25.2,4,5 Anatomy Embryology (L)- Development of Heart I	PY9.1(HI with anatomy) Sex determination, factors regulating, abnormalities – chromosomal, hormonal	BI 3.9, BI3.10 Diabetes mellitus: definition, types, diagnostic criteria, metabolic derangements(L)	Dissection	BI11.15 composition of CSF (SGD)	
June 18 Friday	PY 7.2 Role of renin - angiotensin system, Renal circulation - special features, functions, measurement of renal blood flow (L)	AN25.2,4,5 Anat Embryology (L)- Development of Heart II	PY 8.2 Adrenal cortex – sex steroids : secretion, actions, regulation (L)	Dissection	Practical	
June 19 Saturday	BI 3.9, BI3.10 Diabetes mellitus: complications(L)	PY9.2 Physiology of puberty - onset, progression, stages (L)	AN25.4 Anatomy (L) Anatomical basis of ASD, VSD, Fallot's tetralogy, Tracheo-oesophageal fistula	Dissection	PY8.2 Adrenal medulla - hormones secreted and regulation (L)	PY8.4(HI with biochemistry) Thyroid function tests
June 21 Monday	AN72.1 Anatomy Histology (L)- Skin	COMMUNITY MEDICINE			PY 9.3 Male reproductive system – functional anatomy, spermatogenesis (L)	PY9.2 Physiology of puberty - regulation, abnormalities and psychological importance (L)

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
June 22 Tuesday	PY8.2 Adrenal medulla – actions of hormones (L)	BI3.9 3.10 Acute & chronic complications (biochemical basis) laboratory diagnosis & monitoring (L)	AN23.6 Anatomy (L)- Splanchnic nerves, Sympathetic trunk	PY 7.3 Mechanism of urine formation. Glomerular filtration (L)	PY9.3 Factors regulating spermatogenesis, 9.9 semen analysis (L)	DOAP Anatomy Skin	
June 23 Wednesday	BI3.10 GTT: indications, procedure, interpretation Hypoglycemia(L)	PY 9.3 and 9.5 (ECE) Endocrine functions of testes, abnormalities in	AN26.1,26.2 Osteology (L)- Normas except basalis	Dissection		Practical	

		testicular function. 9.7 – Effects of castration			
June 24 Thursday	AN27.1,2 Anatomy (L)- Scalp (with ECE- Trauma on Scalp -Management)	PY8.2 Endocrine pancreas - hormones secreted , insulin – secretion and regulation (L)	BI11.16 Electrophoresis, Chromatography (L)	Dissection	BI11.16 use of commonly used equipments/techniques in biochemistry laboratory (Demonstration)
June 25 Friday	PY 7.3 Mechanism of urine formation. Glomerular filtration : factors regulating , measurement (L)	AN26.1,2,3,4 Anat Osteology (L)- Frontal,Parietal,Occipi tal,Mandible	PY 9.4 Female reproductive system – functional anatomy, functions of ovary, oogenesis (L)	Dissection	Practical
June 26 Saturday	BI4.2 Fatty acid biosynthesis: reactions ; regulation (L)	PY8.2 Endocrine pancreas - , insulin – actions (L)	AN Anatomy (L) Maxilla and other Small bones of Skull	Dissection	PY 7.3 Tubular reabsorption - glucose and sodium (L) PY 8.4 (HI with biochemistry) function tests – adrenal cortex, pancreas
June 28 Monday	AN43.2 Anatomy Histology (L)- Thyroid and parathyroid	BI4.2 Fatty acid oxidation: beta oxidation ; oxidation of odd chain fatty acid & fate of propionyl CoA (L)	PY8.2 Endocrine pancreas - insulin – diabetes mellitus (L)	Dissection	ECE – Diabetes mellitus Self monitoring

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
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June 29 Tuesday	PY 7.3 Tubular reabsorption - regulation of sodium reabsorption (L)	BI4.5 Ketone body metabolism, ketoacidosis in DM & starvation (L)	AN28.1 Anatomy (L)- Muscles of Facial expression	PY8.2 Endocrine pancreas - glucagon secretion and regulation (L)	PY9.4 and 9.5 Estrogen and progesterone-synthesis, functions, regulation (L)	DOAP Anatomy Thyroid and parathyroid	
June 30 Wednesday	BI4.5 Adipose tissue metabolism, Fatty liver (L)	PY 9.4 Menstrual cycle – ovarian cycle (L)	AN28.4,28.7 Anatomy (L) Facial Nerve and Facial Nerve Palsy	Dissection		Practical	
July 1 Thursday	AN31.4 Anatomy (L)- Eyelids and lacrimal apparatus (with ECE-Epiphora)	PY9.4 Uterine cycle and its regulation (L)	BI4.3 Cholesterol metabolism (L)	Dissection		BI1.16 use of commonly used equipments/techniques in biochemistry laboratory (Demonstration)	
July 2 Friday	PY8.2 Endocrine pancreas - glucagon actions , applied (L)	AN28.1-8 Anatomy (L)- Vessels and nerves of face	PY 7.3 Tubular reabsorption of water. Tubular handling of potassium, aminoacids, urea (L)	Dissection		Practical	
July 3 Saturday	BI4.3 Lipoprotein metabolism – LDL, VLDL (L)	PY 9.4 Hormones regulating menstrual cycle, abnormalities (L)	AN29.1,2,3 Anatomy (L) Posterior Triangle of Neck, anatomical basis of Erb's and Klumpke's paralysis and Wry neck	Dissection		PY 8.3 Thymus gland - physiology, pineal gland - hormone secreted (L)	PY 8.3 Pineal gland - regulation and actions of hormones (L)
July 5 Monday	AN43.2,52.1 Anatomy Histology(L)- Suprarenal and Pituitary	BI4.3 Lipoprotein metabolism – HDL(L)	PY 7.3 Concentration of urine – counter current multiplier system (L)	Dissection		AN42.2 Anatomy (L)- Suboccipital Triangle	

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
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July 6 Tuesday	PY 7.3 Counter current system – role of urea, counter current exchanger system (L)	BI 6.13,6.14,6.16 Adrenal function test (HI with physiology)(L)	AN43.4 AnaEmbryology(L)- Development of Face	PY 8.4 (HI with biochemistry) (ECE) 8.5 - obesity and metabolic syndrome	PY9.8 (VI with obstetrics and gynaecology) Physiology of pregnancy, fertilization, implantation	DOAP Anatomy Suprarenal and Pituitary gland	
July 7 Wednesday	BI4.4 , BI4.5 , BI4.7 Lipid Storage Disorders Atherosclerosis, obesity(L)	PY 9.8 Placenta - formation, functions. Fetoplacental unit. 9.10 Pregnancy tests (L)	AN28.9,10 Anatomy (L)- Parotid Gland (With ECE - Mumps, Tumor, Parotidectomy)	Dissection		Practical	
July 8 Thursday	AN30.3 Anatomy (L)- Dura and dural venous sinuses	PY7.3 Water and osmotic diuresis. PY 7.3 Acidification of urine , secretion of H ⁺ Bicarbonate reabsorption (L)	BI4.6 Eicosanoids(L)	Dissection		BI11.16 use of commonly used equipments/techniques in biochemistry laboratory (Demonstration)	
July 9 Friday	PY10.1(HI with anatomy) Organisation of nervous system (L)	AN43.2 Anatomy Histology(L) - Retina & Cornea	PY 9.8 Physiological changes in mother during pregnancy (L)	Dissection		Practical	
July 12 Monday	BI5.3 Digestion and absorption of amino acid, Nitrogen balance, PEM(L)	PY 10.2(HI with anatomy)Synapse - functions, potentials	AN30.2 Anatomy (L) Norma Basalis, Foramen and structures passing through them			P Y7.4 Renal clearance, clinical importance, measurement. (L)	PY7.3(S GD)glom erular filtration

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
July 13 Tuesday	PY 9.8 Physiology of parturition, mechanics, phases, control (L)	BI5.4 Detoxification of ammonia(L)	AN30.5 Anatomy (L)- Pituitary gland	PY7.5 (HI with biochemistry 1.7) regulation of fluid and electrolytes	PY 10.2 Synapse - properties (L)	DOAP Anatomy- Suprarenal and Pituitary gland	
July 14 Wednesday	BI5.4 Detoxification of ammonia BI5.4 Urea cycle, regulation, hyperammonemia(L)	PY 10.2 Synapse - properties (L)	AN41.2,3 Anatomy (L)- Extraocular muscles (with ECE-Squint)	Dissection		Practical	
July 15 Thursday	AN35.1 Anatomy (L)- Cervical fascia	PY7.5 (HI with biochemistry 1.7) acid base balance, renal buffers	BI5.4, 5.5 Glycine met, specialized products, inborn errors(L)	Dissection		BI11.16 use of commonly used equipments/techniques in biochemistry laboratory (Demonstration)	
July 16 Friday	PY 10.2 (HI with anatomy) Neurotransmitters , 10.3 Sensory system – sensations. 10.2 Receptors - types	AN33.2,3,5 Anatomy (L)- Temporomandibular Joint (With ECE-Dislocation)	PY 9.8 Lactation - development of breast, prolactin , phases of lactation (L)	Dissection		Practical	
July 17 Saturday	BI5.4 Urea cycle, regulation, hyperammonemia (L)	PY 9.8 Lactation - regulation, advantages of lactation. Psychological disorders related to pregnancy (L)	AN32.1,2 Anatomy (L) Anterior Triangle of Neck, Branches of Carotid Arteries and it's branches, Carotid sheath, Ansa Cervicalis			PY 7.6 Urinary bladder - innervation, physiology of micturition and abnormalities. 7.9 : cystometrogram (L)	PY10.2 Receptors – potentials, properties (L)
July 19 Monday	AN64.1 Anatomy Histology(L)-	BI5.5 Sulphur containing amino acid	PY 10.3 Spinal cord – structure, tracts (L)	Dissection		PY9.6 (VI with obstetrics and gynecology/	PY (SGD on) Hormonal regulation of

	Cerebrum,Cerebellum and Spinal Cord	metabolism, inborn errors(L)			community medicine)Contraceptive methods , natural methods	menstrual cycle
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Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
July 20 Tuesday	PY7.7 (VI with general medicine) (ECE) artificial kidney, dialysis, renal transplantation	BI5.5 BI5.5 Sulphur containing amino acid metabolism, inborn errors(L)	AN43.4,5,6 Anat Embryology(L)- Development of Branchial arches	PY9.6 (VI with obstetrics and gynecology/ community medicine) Contraceptive methods- barrier methods, IUDs, contraceptive pills, terminal methods, MTP	PY10.3 (HI with anatomy) Sensory system – ascending tracts : general organisation, dorsal column	DOAP Anatomy Cerebrum,Cerebellum and Spinal Cord	
July 21 Wednesday	BI6.13,6.14,6.15 RFT(HI with physiology) (L)	PY 9.11(VI with obstetrics and gynecology) Hormonal changes during perimenopause, menopause. 9.12Infertility – causes, IVF	AN35.2 Anatomy (L)- Thyroid gland	Dissection		Practical	
July 22 Thursday	AN36.1 Anatomy (L)- Soft palate and palatine tonsil (with ECE-Smile Train)	PY SGD on contraceptive methods	BI6.13,6.14,6.15(HI with physiology) RFT-interpretation(L)	Dissection		BI11.17 Basis and rationale of biochemical tests done in clinical conditions (SGD) (HI General Medicine, Pathology)	
July 23 Friday	PY 10.3 Ascending sensory tracts - dorsa column, spniothalamic tract (L)	AN36.1-5 Anatomy (L)- Pharynx I	PY4.1 (HI with anatomy) Structural characteristics of gut wall, innervation, regulation of gastric motility , secretions , functions of digestive system	Dissection		Practical	

July 24 Saturday	AN52.2 Anat Histology(L)- Epididymis, Testis	BI5.5 Aromatic amino acid metabolism, inborn errors(L)	PY10.3 Pain pathways, referred pain : types, theories (L)	Dissection	ECE Biochemistry Central Lab
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Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
July 26 Monday	PY10.3 Modulation of pain - gate control theory , supraspinal regulation of pain (L)	BI5.5 Aromatic a a metabolism, inborn errors (ECE)	AN36.1-5 Anatomy (L) Pharynx II	PY4.2(HI with biochemistry) composition of salivary juice and functions, mechanism of formation of saliva, phases of secretion	PY10.7(HI with anatomy, VI with Psychiatry) Cerebral cortex – primary, secondary, association areas, sensory homunculus, Broadman’s area, lesions	DOAP Anatomy Epididymis, Testis	
July 27 Tuesday	BI5.5 Aromatic aa metabolism, inborn errors (ECE)	PY10.3(HI with anatomy) Sensations from face	AN34.1,2 Anatomy (L) Submandibular and sublingual gland	Dissection		Practical	
July 28 Wednesday	AN37.1,2 Anatomy (L)- Nasal cavity (with ECE- Nasal Polyp)	PY4.2 Regulation of salivary secretion, abnormalities (L)	BI5.5 Aromatic aa metabolism, inborn errors (ECE)	Dissection		BI11.17 Basis and rationale of biochemical tests done in clinical conditions (SGD) (HI General Medicine, Pathology)	
July 29 Thursday	PY5.10 Cerebral circulation (L)	AN38.1,2,3 Anatomy (L)- Larynx (with ECE- Ca Larynx)	PY 10.7 Thalamus : anatomy, thalamic nuclei, connections, functions, thalamic syndrome (L)	Dissection		Practical	

July 30 Friday	BI5.5 Aromatic aa metabolism, inborn errors (ECE)	PY5.10 cerebrospinal fluid , blood brain barrier(L)	AN34.1 Anatomy (L) Parasympathetic ganglia	Anatomy- ECE-Exposure to ENT/Dental Departments /Staff			PY 10.7 (ECE)Sensory cortex – somatosensory areas.10.6 sensory abnormalities	PY 10.2(SGD on) synapse
July 31 Saturday	AN52.2 Anat Histology(L)- Prostate and Vas deferens	BI5.5 Branched chain aa met, inborn errors (ECE)	PY 4.3 Deglutition – phases, regulation, disorders (L)	Dissection			ANA26.6,7 Anatomy (L) Cervical vertebrae Surface marking of head and Neck	
Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm	
Aug 2 Monday	PY7.9 Cystometrogram, P7.6 Abnormalities of micturition (L)	BI5.5 Acidic aa met, inborn errors (ECE)	AN39.1,2 Anatomy (L)- Tongue	PY10.4 (HI with anatomy) Motor system :organisation 10.2 muscle spindle	PY4.2 (HI with anatomy)Stomach – functional anatomy, gastric juice : composition, functions	DOAP Anatomy Prostate and Vas deferens		
Aug 3 Tuesday	BI5.5 Basic aa met (ECE)	PY10.2 Reflexes –stretch and inverse stretch reflex (L)	AN40.1,2,3,4,5 Anatomy (L)- Middle ear	Dissection			Practical	
Aug :4 Wednesday	AN32.2,39.1,34.1&35.7&39.1 Anatomy (L)- Hyoglossus muscle and it's relations	PY4.2 Factors regulating gastric juice secretion, phases, mechanism of HCl secretion (L)	BI3.6 TCA cycle as an amphibolic pathway, its regulation. (L)	Dissection			BI11.17 Basis and rationale of biochemical tests done in clinical conditions (SGD) (HI General Medicine, Pathology)	
Aug :5 Thursday	PY7.7(VI with general medicine) Artificial kidney, dialysis, renal transplantation	AN41.1,2,3 Anatomy (L)- Eyeball (with ECE-Eye Donation)	PY-SGD on pain pathways, modulation of pain	Dissection			Practical	
Aug ;6 Friday	BI3.6 Electron transport chain(L)	PY7.8 (HI with biochemistry) Renal function tests	AN35.7 Anatomy (L) Course and branches of 9 th , 10 th , 11 th and 12 th Cranial nerves				Sports & ECA	

Aug 7 Saturday	AN52.2 Anatomy Histology (L)- Ovary,Fallopian tube	P 10.2 Withdrawal reflex. 10.4 descending tracts (L)	AN35.5 Anatomy (L)- Lymphnodes of head and neck (with ECE- Matted lymphnodes TB)	Dissection	AETCOM :1.2
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Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
Aug :9 Monday	PY 10.4 (ECE) Pyramidal tract and lesions	BI3.6 TCA cycle as an amphibolic pathway, its regulation. (L)	AN64.2 Anatomy (L)- Introduction to brain Development of CNS	PY - FA on renal physiology	PY - FA on renal physiology	DOAP Anatomy Ovary and Fallopian tube	
Aug ;10 Tuesday	BI6.11 , 6.12 Heme metabolism, porphyria(L)	PY4.2 (ECE) Gastric mucosal barrier, peptic ulcer	AN57.1,2,3,4 Anatomy (L)- Spinal Cord- External features and blood supply (with ECE- Lumbar puncture)	Dissection		Practical	
Aug :11 Wednesday	AN56.1,2 Anatomy (L)- Meninges and Subarachnoid cisterns	PY10.4 Extrapyramidal tracts. (L)	BI6.11 Bilirubin metabolism(L)	Dissection		BI11.17 Basis and rationale of biochemical tests done in clinical conditions (SGD) (HI General Medicine, Pathology)	
Aug :12 Thursday	PY 4.2 Pancreatic juice – composition, functions , mechanism of secretion (L)	AN52.2 Anat Histology (L)- Uterus and Placenta	PY -SGD on Hcl secretion and regulation	Integration with Physiology,Medicine, Neurology Topic - Spinal cord lesions		Practical	

Aug ;13 Friday	BI6.13 Liver function tests(L)	PY 10.6 Spinal cord lesions , transection of spinal cord (L)	AN56.2 Anatomy (L) Formation and Circulation of CSF and it's applied aspects (with ECE - Hydrocephalus)		Sports & ECA
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Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
Aug 16 Monday	PY4.2 Pancreatic juice - regulation of secretion, role of secretin, CCK, pancreatitis, cystic fibrosis (L)	BI6.14, 6.15 Liver function tests(L)	AN58.1,2,3,4 Anatomy (L)- Medulla	PY10.5 Autonomic nervous system – organisation (L)	PY10.7 Basal ganglia – organisation (L)	DOAP Anatomy Uterus and Placenta	
Aug 17 Tuesday	BI6.12 Hemoglobin variants and derivatives(L)	PY4.7(HI with biochemistry) Liver : functional anatomy, functions	AN59.1,2,3 Anatomy (L)- Pons	Dissection		Practical	
Aug 18 Wednesday	AN60.1,2,3,AN63.1,2 Anatomy (L)- Cerebellum and 4 th Ventricle	PY10.7 Basal ganglia – connections and functions (L)	BI6.2, 6.3, Nucleotide chemistry &metabolism (L)	Dissection		BI11.18 Principles of spectrophotometry (SGD)	
Aug :19 Thursday	PY10.5 Autonomic nervous system – functions (L)	AN61.1,2,3 Anatomy (L)- Midbrain	PY 4.7 and 4.2Gall bladder – bile composition, secretion (L)	Dissection		Practical	
Aug ;20 Friday	BI6.2, 6.3, Nucleotide chemistry &metabolism(VI with General medicine) (L)	PY10.4 Posture and equilibrium (L)	AN62.2 Anatomy (L)- Sulci, Gyri and Functional areas of cerebrum	Dissection		Sports & ECA	

Aug :21 Saturday	AN62.6 Anatomy (L)- Blood supply of Brain (with ECE)	PY10.4 Postural reflexes (L)	AN58.4,61.3 Anatomy (L) Brain Stem lesions	Dissection	AETCOM :1.2

Aug 23 Monday	AN63.1,2 Anatomy (L)- Third ventricle and lateral ventricle (with ECE)	PY(ECE) 4.2 Regulation of biliary secretion, functions of bile , gall stone	AN31.2,30.2 Anatomy (L)- Visual pathway (with ECE- Visual field,Pituitary tumor)	Dissection		AETCOM :1.2	
Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
Aug 24 Tuesday	PY10.7 Cerebellum - connections (L)	BI7.1 Structure and functions of DNA and RNA(L)	AN62.3 Anatomy (L)- White matter and internal capsule	PY 10.5Reticular activating system (L)	P 4.2 Small intestine – anatomy, secretions and functions of intestinal juice (L)	Practical exams	
Aug 25 Wednesday	BI7.1 Cell Cycle(L)	PY10.4 Vestibular apparatus – functional anatomy, receptors, pathways (L)	AN62.4 Anatomy (L)- Basal Ganglia with ECE - Parkinsonism)	Dissection		Practical exams	
Aug 26 Thursday	AN62.5 Anatomy (L)- Thalamus	PY10.7 Cerebellum - functions (L)	BI7.2 Replication & repair of DNA(L)	Dissection		Practical exams	
Aug 27 Friday	PY 4.2 Large intestine – anatomy, secretions	AN 73.1,2,3 Anatomy (L)- GENETICSI	PY(ECE)10.7 Cerebellum - disorders	Dissection		Practical exams	

	and functions, intestinal flora (L)				
Aug 28 Saturday	BI7.2 Replication & repair of DNA(L)	PY 10.4 Vestibular apparatus - mechanism of functioning, reflexes, motion sickness, Meniere's disease (L)	AN62.4,5 Anatomy (L) Xray and CT of the Head and Neck	Anatomy-ECE-Genetics Lab	Sports & ECA
Aug 30 Monday	AN52.2 Anatomy Histo(L)- Mammary gland and umbilical cord	PY 4.3 Gastric motility- basic electrical rhythm, migrating motor complex, hunger contractions (L)	AN74.1,2,3,4 Anatomy (L)- GENETICS II	Dissection	AETCOM :1.2

Second Sessional Exam

Aug 31 Tuesday	ANATOMY SECOND SESSIONALEXAMINATIONS (3HRS)
September 1 Wednesday	SDL –PHYSIOLOGY
September 2 Thursday	PHYSIOLOGY SECOND SESSIONAL EXAMINATIONS (3HRS)
September 3 Friday	SDL-BIOCHEMISTRY
September 4 Saturday	BIOCHEMISTRY SECOND SESSIONAL EXAMINATIONS (3HRS)

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
Sep 6 Monday	P Y10.7 Hypothalamus - structure, nuclei, subdivisions (L)	BI 7.2 Transcription of DNA(L)	AN75.1,2,3,4,5 Anatomy (L)- GENETICS III (with ECE- Syndromes)	PY4.3 Gastric emptying, receptive relaxation , effects of gastrectomy (L)	PY10.7 Limbic system – functional anatomy, connections, Papez circuit, functions (L)	DOAP Anatomy Mammary gland and Umbilical cord	
Sep :7 Tuesday	BI 7.2 Transcription of DNA(L)	PY 10.7 Hypothalamus – connections, functions , lesions (L)	AN53.1&&50.1, 2,3,4 Anat Osteo(L)- Lumbar vertebrae	Dissection		Practical	
Sep :8 Wednesday	AN 44.1,2,3,6,7 Anatomy (L)- Anterior Abdominal wall and rectus sheath	PY4.3 Movements of small intestine, peristalsis, segmentation contractions (L)	BI 7.2 Transcription of DNA(L)	Dissection		BI11.19 Basic principles involved in the functioning of instruments commonly used in a biochemistry laboratory and their applications(ECE)	
Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
Sep :9 Thursday	AN 44.4,5 Anatomy (L)- Inguinal canal, spermatic cord and descent of testes (with ECE Inguinal Hernia and Repair)	P 10.13(VI with ENT) Smell – olfactory organ ,bulb, receptors, pathways	BI 7.2 Transcription of DNA-reverse transcription(L)	Dissection		AN46.1-4 Male External Genetalia-Testis and Pennis	Dissection -Testis(SDL)
Sep 10 Friday	PY10.13 , 10.14Olfactory – steps in transduction , abnormalities (L)	AN 47.1,2,3,4 Anatomy (L)- Peritoneum (with ECE-Peritonitis, Peritoneal Dialysis)	PY 4.3 Motility disorders of small intestine. movements of large intestine – defecation reflex, dietary fibre ,motility disorders(L)	Dissection		Practical	

Sep 13 Monday	BI7.3 Regulation of gene expression. (L)	PY 10.17 (VI with Ophthalmology) Vision – functional anatomy	AN44.7,4 Anatomy (L) Common Abdominal incisions, Umbilical ligaments, Hesselbach's Triangle (with ECE Keyhole Surgeries, Weeping Umbilicus)		Sports & ECA
Sep 14 Tuesday	AN52.1 Anat Histology (L)- Oesophagus and Tongue	PY4.4 (HI with biochemistry) digestion and absorption of nutrients	AN 47.5,6 Anatomy (L)- Stomach (with ECE)	Dissection	AETCOM :1.3

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
Sep 15 Wednesday	PY 10.13,10.14 (VI with ENT) Taste sensation – papillae, taste buds, physiology of taste	BI7.3 Regulation of gene expression. (L)	AN52.4,6 Anatomy (L)- Development of GIT I	PY 4.4 Digestion and absorption of nutrients (L)	PY4.7 (ECE/ SGD) Obstructive jaundice	DOAP Anatomy Oesophagus and Tongue	
Sep 16 Thursday	BI 7.4 Molecular biology techniques: RDNA Technology(L)	PY 10.13,10.14 (VI with ENT) Taste sensation – taste pathway, encoding, transduction, sensation of flavour, abnormalities	AN47.5,6 Anatomy (L)- Liver (With ECE- Cirrhosis of Liver)	Dissection		Practical	
Sep 17 Friday	AN 47.8,10,11 Anatomy (L)- Portal vein	PY 4.8 (HI with biochemistry) Gastric function tests, pancreatic exocrine function tests	BI 6.13, 6.14, 6.16 Liver function test (HI with	Dissection		BI11.20 Abnormal constituents in urine, interpret the findings and correlate these with pathological states.(DOAP)	

	(with ECE- Portal Hypertension)		physiology) (L)		
Sep 18 Saturday	PY 10.17 Optics, image formation (L)	AN47.6,7 Anatomy (L)- Spleen and Extrahepatic biliary apparatus (with ECE Obstructive Jaundice)	PY4.8 (HI with biochemistry) Liver function tests	Dissection	Practical
Sep 20 Monday	BI 6.13, 6.14, 6.16 Liver function test (HI with physiology) (L)	PY 10.17(ECE) Errors of refraction and correction	AN45.1,2,3 Anatomy (L) Lumbar Plexus Thoracolumbar Fascia Erector Spinae muscle		Sports & ECA
Sep 21 Tuesday	AN52.1 Anat Histology (L)- Stomach fundus and pylorus	PY 10.17 Retina – photoreceptors, visual pigments (L)	AN47.5,1 Anatomy (L)- Duodenum Lesser sac	Dissection	AETCOM :1.3

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
Sep 22 Wednesday	PY 4.5 GIT hormones (L)	BI 7.4 Molecular biology techniques: Blotting, PCR(L)	AN47.8 Anatomy (L)- Development of portal vein and Inferior venacava	PY4.9 ECE (HI with biochemistry, VI with general medicine) Physiological aspects of peptic ulcer , reflux disease, vomiting, diarrhoea, constipation	PY4.9 Adynamic ileus , Hirschsprung's disease (L)	DOAP Anatomy Stomach Fundus and Pylorus	

Sep 23 Thursday	BI 7.4 Molecular biology techniques: RFLP, DNA fingerprinting, gene therapy(L)	PY 10.17, 10.19 Visual cycle, phototransduction (L)	AN47.5 Anatomy (L)- Pancreas (with ECE- Pancreatitis)	Dissection				Practical
Sep 24 Friday	AN52.6 Anatomy (L)- Development of GIT II	PY 4.5 GIT hormones – regulation , functions 4.6 Gut – brain axis (L)	BI7.5 Role of xenobiotics in disease(L)	Dissection				BI11.20 Abnormal constituents in urine, interpret the findings and correlate these with pathological states.(DOAP)
Sep 25 Saturday	PY10. 9(VI with Psychiatry/ECE) Speech – development, speech centres, aphasia	AN47.13,14,&52.5 Anatomy (L)- Diaphragm	PY10.17,10.18Processing of visual image , visual pathway, lesions (L)	Dissection				Practical
Sep 27 Monday	AN52.1 Anat Histology (L)- Duodenum, jejunum, ileum	PY10. 9(VI with Psychiatry/ECE) Learning – types, physiological basis, types of memory, applied- amnesia, Alzheimer’s disease	AN 47.9 Anatomy (L)- Coeliac Trunk, Suprarenal gland	Dissection				AETCOM :1.3
Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm	
Sep 28 Tuesday	PY10.17 Pupillary reflex , accommodation reflex , abnormalities (L)	BI7.6 Anti-oxidant defence systems in the body(L)	AN ,47.6 Anatomy (L)- Kidney Gross (with ECE - Renal Failure, Kidney Transplantation)	FA on motor system	FA on motor system	DOAP Anatomy Small Intestine- Duodenum, Jejunum and Ileum		

Sep 29 Wednesday	BI7.7 Role of oxidative stress in the pathogenesis of conditions(L)	PY10.15 (VI with ENT) Audition – functional anatomy of ear , organ of corti	AN53.1,2,3,4 Anatomy Osteology (L) Articulated Pelvis	Dissection	Practical
Sep 30 Thursday	AN53.1,2,3,4 Anatomy Osteology(L)- Sacrum	PY10.15 Auditory pathway (L)	BI6.9, 6.10 Metabolism of Copper, fluoride, Zinc, Selenium(L)	Dissection	BI11.21 Estimation of glucose, creatinine, urea and total protein in serum. (DOAP)
Oct 1 Friday	PY10.15 Physiology of hearing , conduction of sound waves (L)	AN52.1 Anatomy Histo (L)- Large intestine And Appendix	PY 10.17 Visual perception. Colour vision theories (L)	Dissection	Practical
Oct 4 Monday	BI6.9, 6.10 Metabolism of Magnesium, Manganese, Sodium, Potassium(L)	PY10.17 Colour vision – colour blindness (L)	AN77.4,AN78.1,2,3 AnatomyRevision (L) Fertilization,Blastocyst,Trophoblast,Implantation and Abnormal sites of implantaion	Dissection	Sports & ECA

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
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Oct 5 Tuesday	PY 10. 17 Field of vision, binocular vision (L)	BI 7.4 Mutation(L)	AN 48.1,5 Anatomy (L)- Pelvic floor	FA on gastrointestinal physiology	FA on gastrointestinal physiology	DOAP Anatomy Large Intestine and Appendix
Oct 6 Wednesday	BI 7.4 Mutation(L)	PY 10.15 Impedance matching, attenuation reflex , transduction of sound waves (L)	AN 48.1,5 Anatomy (L)- Uterus (with ECE - Uterine Prolapse)	Dissection		Practical
Oct 7 Thursday	AN 48.1,5,6 Anatomy (L)- Urinary bladder (with ECE- Cystoscopy)	PY 10.8(VI with Psychiatry) EEG – basis of EEG, recording , waves , clinical importance	BI10.1 Biochemistry of cancer oncogenes , p53 & apoptosis(L)	Dissection		BI11.21 Estimation of glucose, creatinine, urea and total protein in serum. (DOAP)
Oct 8 Friday	PY10.8 Sleep – genesis, stages, sleep wake cycle , theories of sleep, sleep disorders (L)	AN 48.1,5,7 Anatomy (L)- Prostate and Urethra (With ECE- BPH)	PY 10.15,10.19 Transduction of sound waves, cochlear microphonics, membrane potentials (L)	Dissection		Practical
Oct 11 Monday	BI10.2 Tumor markers(L)	PY10.12(VI with Psychiatry/ECE) SGD – EEG – normal forms	AN78.4 Anatomy Revision (L) Extraembryonic mesoderm and coelom, Bilaminar disc, Prochordal plate	Dissection		Sports & ECA
Oct 12 Tuesday	AN52.1 AnatHistolog(L)- Liver and Gall bladder	PY 10.15 Neural transmission of auditory signals and processing, theories of hearing (L)	AN48.1,5 Anatomy (L)- Caecum and Appendix (with ECE-Appendicitis)	Dissection		AETCOM :1.3

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
Oct 13 Wednesday	PY 0.16(ECE)Deafness, hearing tests, Audiometry	BI10.2 Biochemical basis of cancer treatment(L)	AN 48.1,5,8 Anatomy (L)- Rectum and Anal canal (with ECE- Haemorrhoids)	PY 11.1 Physiology of skin (SGD)	PY11.1 , 11.2 Mechanism of temperature regulation and adaptations (L)	DOAP Anatomy Liver and Gall bladder	
Oct 14 Thursday	BI6.7 Maintenance of normal pH, and associated derangements.	PY- SGD on visual pathway and lesions (L)	AN48.2,4.49.1 Anatomy (L)- Ureter and pudendal nerve (with ECE- Renal Colic)	Dissection		Practical	
Oct 15 Friday	AN52.7 Anatomy Embryol (L)- Development of Urinary system	PY 11.3 Mechanism of fever, cold injuries, heat stroke (L)	BI6.7 Maintenance of normal pH, and associated derangements.	Dissection		BI11.21 Estimation of glucose, creatinine, urea and total protein in serum. (DOAP)	
Oct 16 Saturday	PY11.4 Cardio respiratory and metabolic adjustments during exercise (L)	AN52.8,46.5 Anatomy Embryol (L)- Development of male reproductive system	PY11.5 Sedentary life style and effects on health (SGD)	Dissection		Practical	
Oct 18 Monday	BI6.8 Arterial Blood Gas (ABG) analysis in various disorders.(L)	PY 11.6(VI with Pediatrics) Physiology of infancy	AN79.1,2,3 Anatomy Revision (L) Formation&Fate of Primitive streak, Notochord, Neurulation	Dissection		Sports & ECA	
Oct 19 Tuesday	AN52.2 Anatomy Histology(L)- Kidney, Ureter and Urinary bladder	PY11.7Physiology of aging , theories of aging (SGD)	AN79.4,5 Anatomy Revision (L) Intraembryonic Mesoderm,Somites,Intra embryonic coelom, Neural tube defects	Dissection		Formative Assessment Biochemistry	
Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
Oct 20 Wednesday	PY11.7 Aging – free radicals, antioxidants (SGD)	BI6.9, BI6.10 Metabolism of iodine (L)	AN52.8 Anatomy Embryology (L)-	FA on special senses	FA on special senses	DOAP Anatomy Kidney, Ureter and Urinary bladder	

			Development of female reproductive system			
Oct 21 Thursday	BI6.13, 6.14 Thyroid function tests(L)	PY 11.8 Cardio respiratory changes in exercise (L)	AN 48.3,4 Anatomy (L)- Internal iliac artery Sacral plexus	Dissection	Practical	
Oct 22 Friday	ANA54.1,2, Anatomy (L)- Plane and contrast Xrays Abdomen	PY 11.8 Cardio respiratory changes under different environmental conditions (L)	BI10.2 biochemical basis of cancer therapy Radioisotopes, radiation therapy(L)	Dissection	BI11.21 Estimation of glucose, creatinine, urea and total protein in serum. (DOAP)	
Oct 23 Saturday	PY 11.11 SGD on Brain death – concept, criteria for diagnosis, implications	ANA54.3, Anatomy (L)- Plane and contrast CT Abdomen	PY 11.12 SGD on - Physiological effects of meditation	Dissection	Practical	
Oct 25 Monday	BI8.4 Causes (including dietary habits), effects and health risks associated with being overweight/ obesity. (L)	PY-Problem based learning (PBL) on Basal ganglia	AN80.1 Anatomy Revision (L) Formation, function and fate of Chorion, Amnion, Yolk sac, Allantois and Decidua	Dissection	Sports & ECA	
Oct 26 Tuesday	AN50.2 Anatomy (L)- Intervertebral Joint and Disc, Sacroiliac Joint, Pubic symphysis	PY-SGD on ascending tracts	AN80.4 Anatomy Revision (L) Embryonic basis of Twinning in monozygotic and Dizygotic twins	Dissection	AN11.1&12.1 Anatomy (L) Compartments, Muscles and Vessels of Upper limb	Upper Limb Revision(L) Upper limb bones

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
Oct 27 Wednesday	PY-SGD on ascending tracts	BI6.1 metabolic processes that take place in specific organs in the body in the fed and fasting states.(L)	Anatomy Revision (L) Brachial Plexus, Anastomosis around the scapula and elbow,Lumbrical s, Interossei	PY11.9, 11.10 SGT(VI with Pediatrics/ECE) Interpretation of growth charts, anthropometric assessment of infants	PY11.9, 11.10 SGT(VI with Pediatrics) Interpretation of growth charts, anthropometric assessment of infants	General Histology Slide - Revision(SDL)	
Oct 28 Thursday	BI6.1 metabolic processes in specific organs in fed and fasting states. (L)	PY-SGD on descending tracts	Anatomy SGD- Lymphatic drainage of Mammary gland and Upper limb	Upper Limb Revision (SDL)		Practical	
Oct 29 Friday	Anatomy Class Test- Upper Limb	PY- SGD on descending tracts	Arterial Blood Gas (ABG) analysis in various disorders(ECE)	Dissection- Upper Limb Revision (SDL)		BI11.22 Albumin: globulin (AG) ratio and creatinine clearance (SGD) (VI General Medicine)	
Oct 30 Saturday	PY-SGD on Thyroid gland	Anatomy Revision (L) Compartments, Muscles, Nerve and Vessels of Lower limb.	PY-SGD on Thyroid gland	Dissection -Lower Limb Revision(SDL)		Practical	
Nov 1 Monday	BI6.8 Arterial Blood Gas (ABG) analysis in various disorders(ECE)	PY-SGD on Parathyroid gland	Dissection- Lower Limb Revision (SDL)			Sports & ECA	
Nov 2 Tuesday	Anatomy Class Test-Lower Limb	PY-SGD on Parathyroid gland	Anatomy SGD- Venous Drainage of Lower limb	Dissection- Lower Limb Revision (SDL)		Anatomy Revision (L) Lungs	

	General Histology					
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Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
Nov 3 wednesday	PY-Problem based learning (PBL) on Basal ganglia	BI6.13, 6.14 Thyroid disorders (ECE)	Anatomy Revision (L) External features, Blood supply and Right Atrium of heart	PY-Problem based learning (PBL) on Basal ganglia	PY-Problem based learning (PBL) on Basal ganglia	Systemic Histology Slide Revision	
Nov 4 Thursday	BI 8.2 Serum protein electrophoresis (ECE)	PY-SGD on adrenal medulla	Anatomy SGD- Pleura	Dissection- Thorax Specimen Revision(SDL)		Practical	
Nov 5 Friday	Anatomy Class Test- Thorax	PY-SGD on pituitary disorders	BI 11.16 ELISA(L)	Dissection - Thorax Specimen Revision (SDL)		BI11.23 Calculate energy content of food Items, glycemic index and the importance of these in the diet (SGD) (ECE)(VI General Medicine)	
Nov 6 Saturday	PY- SGD on adrenal cortex	Anatomy Revision (L) Dural folds and Dural venous sinuses, Parasympathetic ganglia Salivary glands	PY-SGD on adrenal cortex	Dissection- Head and Neck Specimen revision(SDL)		Practical	
Nov 8 Monday	BI 11.16 DNA isolation (L)	PY- PBL on myocardial infarction	Dissection- - Head and Neck Specimen revision(SDL)			Sports & ECA	

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
Nov 9 Tuesday	PY-SGD on male reproductive system	BI 8.5 Nutritional importance of commonly used food items(VI Community medicine)	Anatomy Revision (L) Thyroid, Pharynx, Larynx	PY-SGD on Female reproductive system	PY-SGD on Female reproductive system	Radiological Anatomy Revision	
Nov 10 Wednesday	BI 8.5 Nutritional importance of commonly used food items(ECE)	PY-SGD on GI motility	Anatomy SGD Salivary glands	Dissection- Head and Neck Specimen revision(SDL)		Practical	
Nov 11 Thursday	Anatomy Class Test- Head and Neck Systemic Histology	PY-SGD on cerebellum	BI 6.12 Sickle cell anemia/Thalassemia (ECE)	Dissection- NeuroAnatomy Specimen Revision(SDL)		Practical	
Nov 12 Friday	PY-SGD on Hb, erythropoiesis, anemia	Anatomy Revision (L) Brain Sulci and Gyri, Circle of willis, Cerebellum, Brain stem, Ventricles of Brain	PY-SGD on Hb, erythropoiesis, anemia	Dissection- NeuroAnatomy Specimen Revision(SDL)		BI11.23 Advantages and disadvantages of unsaturated, saturated and trans fats in food.(SGD) (HI General Medicine)	
Nov 15 Monday	Biochemistry FA:MCQ	PY-SGD on nerve action potentials and properties	Dissection- NeuroAnatomy Specimen Revision(SDL)		Sports & ECA		

Nov 16 Tuesday	Anatomy class Test- NeuroAnatomy	PY-SGD on skeletal, cardiac, smooth muscle action potentials	Anatomy (L)-Cranial Nerve Nuclei and Facial nerve	Radiological Anatomy Viva	PY-SGD on platelets - coagulation
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Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
Nov 17 Wednesday	PY-(ECE) SGD on ECG interpretation	Biochemistry Spotters	Anatomy Revision(L)- Stomach, Duodenum,Liver, Spleen, Pancreas,Caecum and Appendix	PY-PBL on myocardial infarction	PY - PBL on myocardial infarction	Surface Anatomy Revision	
Nov 18 Thursday	Biochemistry Spotters	PY-SGD on WBC – cell mediated and humoral immunity	Anatomy SGD- Portal Hypertension	Dissection- Abdomen specimen Revision(SDL)		Practical	
Nov 19 Friday	Anatomy Class Test- Abdomen	PY-SGD on blood group, Rh incompatibility, blood transfusion	BI9.2 functions and components of the extracellular matrix (ECM),ECM components in health and disease(ECE)	Dissection-- Abdomen specimen Revision(SDL)		Antigen and vaccine development(VI Pathology,Microbiology,Paediatrics)	
Nov 20 Saturday	PY –Case based learning (CBL)– high altitude physiology	Anatomy Revision(L) Superficial and Deep perineal pouches Ischeorectal fossa	PY- Case based learning (CBL)– high altitude physiology	Dissection - Pelvis and Perineum Specimen Revision(SDL)		Practical	
Nov 22 Monday	BI 9.3 Protein targeting & sorting along with its associated disorders(L)	PY-SGD on pressure changes in normal respiration	Dissection- Pelvis and Perineum Specimen Revision(SDL)		Sports & ECA		

Nov 29 Monday	Anatomy paper -1 –FINAL SESSIONAL EXAMINATIONS (3HRS)
Nov 30 Tuesday	SDL -ANATOMY
Dec 1 Wednesday	Anatomy paper-11 –FINAL SESSIONAL EXAMINATIONS (3HRS)
Dec 2 Thursday	SDL-PHYSIOLOGY
Dec 3 Friday	Physiology paper-1 –FINAL SESSIONAL EXAMINATION _(3HRS)
Dec 4 SATURDAY	SDL-PHYSIOLOGY

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
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Dec 6 Monday	Physiology paper -2 –FINAL SESSIONAL EXAMINATIONS (3HRS)
Dec 7 Tuesday	SDL-BIOCHEMISTRY
Dec 8 Wednesday	Biochemistry paper -1 –FINAL SESSIONAL EXAMINATIONS(3HRS)
Dec 9 Thursday	SDL –BIOCHEMISTRY
Dec 10 Friday	Biochemistry paper -2 –FINAL SESSIONAL EXAMINATIONS (3HRS)
Dec 11 Saturday	SDL anatomy

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
Dec 13 Monday	PRACTICAL AND VIVA EXAMINATION (5HRS)						

Dec 14 Tuesday	PRACTICAL AND VIVA EXAMINATION (5HRS)
Dec 15 Wednesday	PRACTICAL AND VIVA EXAMINATION (5HRS)
Dec 16 Thursday	PRACTICAL AND VIVA EXAMINATION (5HRS)
Dec 17 Friday	STUDY LEAVE FOR UNIVERSITY EXAMS

SECOND SEMESTER:ANATOMY: 109HRS THEORY + 156 HRS DISECCTION

PHYSIOLOGY: 151 HRS THEORY

BIOCHEMISTRY: 69 HRS THEORY

AETCOM: 16HRS SPORTS: 30HRS

	Theory	Small gp /integr/prac	SDL	total
Anatomy	218	344 + 71 (p)	40 (40+hrs)	673
Physiology	160	186 + 120 (p)	28	491
Biochemistry	80	85 + 65 (p)	28	258

Total: 1422 hrs

Community Medicine : 52

Sports :60

Aetcom: 35

Total: 1645 hrs for two semesters

