

JUBILEE MISSION MEDICAL COLLEGE AND RESEARCH CENTER, THRISSUR

Time Table for Phase I MBBS 2021-2022

March 1 st to 5 th - Foundation course							
Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
March 7 Monday	PY1.2 Homeostasis: principles, modes of action of control systems, regulation (L)	B I 1.1 - Cellular organelle; structure & functions of cellular organelles (HI)P Y1.1	AN1.1 Anatomy (L) Introduction to anatomy	Dissection		PY1.6 Body fluid compartments – ionic composition, various methods of measurement of each compartment (L)	PY2.1 Composition of blood ,functions of blood components, properties of blood (L)
March 8 Tuesday	B I 1.1 - Plasma membrane(L)	PY1.3 Intercellular communications, cell adhesion molecules (L)	AN1.1 Anatomy (L) Anatomical planes and terms	Dissection		AN 65.1,65.2 DOAP Anatomy (Common objects and Microscope)	
March 9 Wednesday	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)	AN65.2 Contacts between adjoining cells,Basement membrane, Projections from cell surface, Tissue definition and Types of Tissue	Dissection		BI11.1 commonly used laboratory apparatus and equipments, good safe laboratory practice and waste disposal (SGD)	

March 10 Thursday	B I 10.4 - Plasma proteins-Types, Functions, Separation, Abnormal patterns in clinical diseases, A/G ratio, Acute phase proteins(L)	PY2.2 Plasma proteins : types , functions, factors affecting the synthesis, properties, abnormalities, clinical importance of A/G ratio (L)	AN65.1,2 Anatomy (L)– Histology -Simple epithelium	Dissection	PY – Use and care of compound microscope
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(Practical sessions with three batches of 33/34 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
March 11 Friday	PY2.3Hemopoiesis – bone marrow types and clinical importance of bone marrow investigations and transplantation. Red cell: membrane structure and composition (L)	B I 10.4 - Immunoglobulins: Types, General structure(L)	AN8.1 Anatomy (L) Osteology - clavicle	Dissection	Dissection	Community Medicine	
March 14 Monday	PY1.5 Active transport- primary, Na –K pump, secondary, Vesicular transport – mechanism, types (L)	B I 10.4 - Structure of IgM& IgA. Functions Hypergammaglobulinemia, Hypogammaglobulinemia, Multiple myeloma(L)	AN8.2 Anatomy (L) – Osteology - Scapula	Dissection		PY2.4 RBC: functions, normal count, abnormal forms. Erythropoiesis :	PY2.6 Leucopoiesis: sites, steps, stages, regulation, structure of each WBC (L)
March 15 Tuesday	B I 6.9 - Iron: Dietary sources, RDA, Absorption, transport & storage(L)	PY1.7(block 3,HI with biochemistry)1.8:Membrane potential of excitable tissues, ionic basis, resting membrane potential, recording	ANA.7.1,2,4 Anatomy (L)– Introduction to nervous system – Typical spinal nerve	Dissection		BI11.2 Preparation of buffers and estimation of pH. (SGD)	

March 16 Wednesday	PY2.6 WBC : (ECE) normal Count, Arneth count ,Schilling index ,functions and properties of WBC, properties	B I 6.9- Causes of iron deficiency, lab investigations Hereditary Hemochromatosis(L)	AN8.3 Anatomy (L)– Osteology - Humerus	Dissection	DOAP Anatomy Simple Epithelium
March 17 Thursday	B I 6.5- Water soluble – Vitamins – Vitamin C(L)	P Y2.3 (ECE) Breakdown of Hb, abnormal Hb – thalassemia, HbS (defect, features,treatment)Structure of Hb –(HI with Biochemistry)	AN65.1,2 Anatomy (L)– Histology - Compound epithelium	Dissection	PY – Microscopic examination of blood & Osmotic fragility

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
March 18 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- Causes of iron deficiency, lab investigations Hereditary Hemochromatosis(L)	AN9.1-3 Anatomy (L) – Pectoral region and Mammary gland (with Integration Surgery- Ca Breast-Diagnosis and Management-Anatomical basis)	Dissection	Dissection	Community Medicine	
March 19 Saturday	B I 6.5- Water soluble – Vitamins – Vitamin C(L)	PY2.10 WBC : Innate immunity - mechanism, acquired immunity T cell & B cell types, antigen , antigen presenting cell, MHC (L)	AN10.1 Anatomy (L)– Axilla and axillary artery	Dissection	Sports & ECA		
March 21 Monday	PY2.7 Platelets : thrombopoiesis : sites, stages , regulation , structure of platelets, normal count (L)	B I 6.5- Water soluble – Vitamins – Folic acid, B12(L)	AN10.3 Anatomy (L)– Brachial plexus	Dissection	PY1.9 Methods to demonstrate cell functions, communications – ion channels, patch clamp. 1.4Apoptosis (VI with Pathology)		Y2.5 Anemia – (ECE)(V I with pathology)definition, grades, classification based

							on etiology, morphology, clinical features, iron deficiency anemia – cause, features, treatment
March 22 Tuesday	B I 6.5 - Water soluble – Vitamins – Folic acid, B12(L)	PY2.7 Platelets : functions , properties, thrombocytopenia (L)	AN11.2,6 Anatomy (L) – Brachial Artery Anastamosis around the elbow		Dissection	BI11.3 Chemical components of normal urine(SGD)	
March 23 Wednesday	PY2.6 WBC : Structure and function of immunoglobulin, humoral immunity - mechanism (L)	B I 5.1- Classification of aminoacids based on structure, metabolic fate, nutritive value(L)	AN11.5,3 Cubital fossa (with ECE- Paramedicals- Blood withdrawal from Median cubital Vein)		Dissection	PY – PCV, ESR, Neubaur chamber	
March 24 Thursday	B I 5.1- Properties of aa: ionic properties, isoelectric pH, buffering action of aa& proteins(L)	PY2.5 (ECE) Megaoblastic anemia, aplastic anemia, haemolytic anemia, polycythemia – primary, secondary Iron metabolism – (HI with Biochemistry)	AN65.2 Anatomy (L)– Histology – Glandular epithelium		Dissection	DOAP Anatomy Glandular Epithelium	
Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
March 25 Friday	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)	B I 2.1- Enzymes Definition, IUBMB classification (L)	AN8.4 Anatomy (L) – Osteology - Radius	Dissection	Dissection	AETCOM 1.5	
March 26 Saturday	B I 2.1- Coenzymes & Cofactors, Km value & its significance(L)	PY2.8 Hemostasis : steps, role of platelets, clotting factors	AN8.5 Anatomy (L)- Osteology – Ulna	Dissection		Sports &ECA	

March 28 Monday	PY2.8 Mechanism of coagulation- intrinsic & extrinsic pathways, clot retraction, role of calcium, vitamin K in coagulation (L)	(L) B I 5.1- Peptide bond, biologically important peptides, structural organization of proteins- Primary structure (L)	AN8.6 Anatomy (L) – Osteology – Carpals bones	Dissection	PY2.6 WBC : (ECE) cell mediated immunity – mechanism, cytokines, immune tolerance, autoimmunity, immunodeficiency diseases	PY2.9 Blood group systems, Landsteiner's law, blood grouping (L)
March 29 Tuesday	B I 5.1- Secondary structure of proteins(L)	PY2.8 Antihemostatic mechanisms: anticoagulants, fibrinolytic system (L)	AN12.7 Anatomy (L) Course and Branches of Important vessels and nerves in hand. Surface Anatomy of Superficial and deep palmar arch.	Dissection	BI11.4 Perform urine analysis to estimate and determine normal and abnormal Constituents (DOAP)	
March 30 Wednesday	P2.8(ECE) Bleeding and clotting disorders, purpura, haemophilia, laboratory tests. Integration with pathology	B I 2.1- Concept of active site, Specificity of enzymes; factors affecting enzyme activity(L)	AN12.10 Anatomy (L)– Palm and palmar spaces (with ECE -Infection involving pulp space or other spaces and drainage)	Dissection	PY – RBC counting	

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
March 31 Thursday	B I 5.1- 3o & 4o structure of proteins, myoglobin, collagen & hemoglobin; Protein folding, Prion Diseases(L)	PY2.9 Rh blood group system, haemolytic disease of newborn (L)	AN66.1,2 Anatomy (L)– Connective tissue I,II.	Dissection		Practical	

April 1 Friday	PY3.1 Neuron(HI with anatomy) –structure, function, types, neuroglia, nerve growth factors	BI5.1 Classification of proteins, nutritional value, limiting aminoacids denaturation of proteins(L)	AN12.3 Anatomy (L)– Retinacula of hand	Dissection	AETCOM 1.5
April 2 Saturday	B I 2.3 - Enzyme regulation in biological systems (L)	PY3.1 Axoplasmic transport. 3.2 : Nerve fibre – classification, functions, properties, resting membrane potential, action potential (L)	AN12.15 Anatomy (L) Dorsal Digital Expansion, Interosseus Muscles, Lumbricals	Community Medicine	Sports & ECA

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
April 4 Monday	PY5.1(HI with Anatomy) Functional anatomy of heart, conducting system	B I 2.3 - Enzyme regulation in biological systems(L)	AN13.3 Anatomy (L)– Classification of joints	Dissection	Dissection	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
April 5 Tuesday	B I 2.4- Enzyme inhibition(L)	PY 3.2 Nerve fibre properties – all or none law, refractory period 3.17strength duration curve (L)	AN13.4 Anatomy (L) – Shoulder joint (With ECE - Shoulder dislocation)	Dissection		DOAP Anatomy Connective Tissue	
April 6 Wednesday	PY6.1 Functional anatomy of respiratory tract, conducting zone, respiratory zone, functions of respiratory system (L)	B I 2.4- Enzyme inhibition(L)	AN77.3 Embryology (L) spermatogenesis	Dissection		BI11.5 Screening of urine for inborn errors & describe the use of paper Chromatography (SGD) (HI General Medicine)	

April 7 Thursday	B I 2.6 - Clinical enzymology: Diagnostic importance of enzymes(L)	PY5.2 Cardiac muscle: structure, properties- resting membrane potential, action potential (L)	AN13.3 Anatomy (L)- Radioulnar Joint, Pronation & Supination	Dissection	PY – Hemoglobin estimation	
April 8 Friday	PY3.2 Graded potential, propagation of action potential (L)	B I 2.7 - Enzymes -uses in laboratory, enzyme- based assays, therapeutic enzymes (L)	AN10.10,11 Anatomy (L) Deltoid, Rotator Cuff Muscles, Serratus Anterior (with ECE- Nursing IM injection Deltoid)	Dissection	AETCOM (1.1)	
April 11 Monday	PY5.2 Mechanism of contraction of cardiac muscle, properties – refractory period (L)	B I 3.1 – Classification of carbohydrates, Isomerism, Glycosidic bonds (L)	ANA.2.1,2,3 Anatomy Histology(L) – Bone I.	Dissection	PY6.2Mechanics of pulmonary ventilation, muscles of inspiration and expiration (L)	PY3.2 Compound action potential, recording of action potential (L)

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
April 12 Tuesday	Biochemistry- SGD	PY5.2 Properties of cardiac muscle- length tension relation, Frank Starling law (L)	ANA.2.1, 71.1 Anatomy Histology (L)– Bone II.	Dissection	Dissection	DOAP Anatomy Bone Tissue	
April 13 Wednesday	PY 3.3 (VI with general medicine) Nerve degeneration and regeneration , types of nerve injury	Biochemistry- SGD	AN77.3 Anatomy Embryology (L)- oogenesis	Dissection		PY – WBC counting	

April 18 Monday	PY6.2 Pressure changes during ventilation-intrapleural and intrapulmonary pressure (L)	B I 3.1- Amino &, deoxy sugars, Disaccharides, Polysaccharides, Glycosaminoglycans, mucopolysaccharidosis (L)	AN13.4 Anatomy (L)- Elbow Joint, Wrist Joint, 1st Carpo-metacarpal Joint Anatomy	Dissection	Practical	Practical
April 19 Tuesday	BI 4.1 Lipids -Definition, Classification, Fatty acids, Clinical significance of MUFA & PUFA; EFA, Trans FA(L)	PY5.4 Origin and spread of cardiac impulse, pacemaker potential, role of autonomic nervous system in impulse generation (L)	AN77.1 Anatomy (L)- Embryology – Menstrual cycle	Dissection	BI11.6 The principles of colorimetry (SGD)	
April 20 Wednesday	PY3.4(VI with anaesthesia) Neuromuscular junction: structure, impulse transmission across NMJ	B I 4.1- Cholesterol, TAG, Phospholipids: Composition & Function(L)	AN13.2 Anatomy (L) Dermatome. Dermatomes of Upper limb.	Dissection	PY – DLC	
April 21 Thursday	B I 3.1 Glycosaminoglycans, mucopolysaccharidosis, Blood group antigens (L)	PY6.2 Intrapleural pressure – measurement and significance (L)	ANA.7.2,3 68.1,2,3 Anatomy Histology(L)- Nervous tissue – Peripheral nerve and optic nerve Anatomy – Perineal pouches	Dissection	DOAP Anatomy Nervous Tissue - Peripheral nerve and Optic nerve	

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
April 22 Friday	PY3.5 (VI with anaesthesia, pharmacology) Neuromuscular blocking drugs	B I 4.1 - Phospholipases- Clinical highlights: Viper venom, Respiratory distress Syndrome (L)	AN77.4 Anatomy Embryology(L)- Fertilization and Implantation and ART	Dissection	Dissection	AETCOM 1.1	
April 23 Saturday	B I 4.1 - Phospholipases- Clinical highlights: Viper venom, Respiratory distress	PY5.5 (VI with general medicine) Electrocardiogram (ECG): recording, leads	AN12.2,7 Anatomy (L)- Radial Nerve, Ulnar Nerve	Community Medicine		Sport & ECA	

	Syndrome (L)					
April 25 Monday	PY6.2 Lung volumes and capacities - static, normal spirogram (L)	BI 6.2-Nucleotide chemistry (L)	AN12.4 Anatomy (PBL)- Carpal Tunnel Syndrome, Median Nerve and Applied Aspects	Dissection	PY3.6(VI with Pathology / ECE) Myasthenia gravis – pathophysiology, clinical features, Lambert Eaton syndrome	PY5.5 Normal ECG – waves , intervals, segments, clinical uses of ECG, cardiac axis (L)
April 26 Tuesday	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	BI 6.2-Nucleotide chemistry (L)	Dissection		BI11.7 Estimation of serum creatinine and creatinine clearance (Practical)
April 27 Wednesday	PY3.8 Skeletal muscle: resting membrane potential, action potential, properties (L)	BI 6.2 Purine synthesis(L)	AN13.5 Anatomy (L) Xrays of the Upper Limb	Dissection		PY - DLC
April 28 Thursday	BI 6.2 Purine synthesis(L)	PY6.2 Lung volumes and capacities – dynamic (L)	ANA.7.8 Anatomy histology (L) – Nervous tissue II – ganglion	Dissection		DOAP Anatomy- Nervous Tissue - Autonomic and Spinal Ganglia

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
April 29 Friday	PY5.6 (ECE/ VI with general medicine/VI with anatomy)Abnormal ECG –cardiac arrhythmias, heart blocks	BI3.2 Digestion and assimilation of carbohydrates and storage. (L)	AN14.1 Anatomy Osteology(L)- Hip bone	Dissection	Dissection	AETCOM 1.1	
April 30 Saturday	BI3.2 Digestion and assimilation	P5.6(ECE)Abnormal ECG – myocardial infarction	AN49.1,2,3,5 Anatomy (L)- Perineum I	Community Medicine		Sports & ECA I	

	of carbohydrates and storage. (L)		Superficial and Deep perineal pouches		
May 3 Tuesday	B I3.4 Glycolysis-definition, Reaction(L)	PY6.2 Pulmonary elastance - alveolar surface tension, Laplace law, surfactant , respiratory distress syndrome of new born (L)	AN49.4 Anatomy (L)- Perineum II Ischiorectal fossa	Dissection	BI11.8 estimation of serum proteins, albumin and A:G ratio(Practical)
May 4 Wednesday	PY3.10 Isotonic and isometric muscle contraction , contractile response and components, length tension relationship (L)	BI3.4 Glycolysis - definition, Reaction (SGD)	AN67.1-3 Anatomy Histology (L)- Muscle Tissue	Dissection	PY –Blood grouping, BT,CT
May 5 Thursday	BI 6.2 Purine catabolism: pathway, Hyperuricemia, Gout, treatment of Gout ;LeschNyhan syndrome, Hypouricemia(L)	PY5.3 Cardiac cycle : phases – atrial, ventricular (L)	AN14.2 Anatomy Osteology (L)- Femur	Dissection	DOAP Anatomy Muscle Tissue

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
May 6 Friday	PY3.8Smooth muscle : resting membrane potential, action potential, properties- length tension relationship, plasticity, muscle tone (L)	BI 3.7 - Energetics, rate limiting step, Regulation Inhibitors of glycolysis(L)	AN16.1-5 Anatomy (L)- Gluteal region (With ECE- Nursing field on giving IM injections on gluteal region)	Dissection	Dissection	PY5.3 Cardiac cycle – events: pressure changes in atria , aorta, pulmonary artery (L)	PY5.10 Pulmonary circulation-special features, functions regulation (L)

May 7 Saturday	BI 3.7 - Energetics, rate limiting step, Regulation Inhibitors of glycolysis (L)	PY 3.9 Molecular basis of smooth muscle contraction (L)	AN Sciatic Nerve, Hamstring Muscles, Arterial anastomosis in back of Thigh	Biochemistry SGD	Sports & ECA	
May 9 Monday	PY6.2 Pulmonary and alveolar ventilation, dead space and measurement (L)	BI 6.2 Pyrimidine synthesis and degradation, Oroticaciduria (L)	AN17.1-3 Anatomy (L)- Hip Joint (with Integration Ortho-Fracture Neck of Femur, Posterior dislocation)	Dissection	PY3.9 Molecular basis of skeletal muscle contraction 3.10 Types of muscle contraction (L)	PY6.2 Compliance - types, measurement, variations, airway resistance, work of breathing (L)
May 10 Tuesday	BI 6.5 Water soluble – Vitamins – Riboflavin, Pyridoxine(L)	PY5.3 Cardiac cycle – pressure changes in ventricles (L)	AN14.3 Anatomy Osteology (L)- Tibia	Dissection	BI11.9 estimation of serum total cholesterol and HDL cholesterol (Practical)	
May 11 Wednesday	PY3.11 (HI with biochemistry) Energy sources & muscle metabolism.3.12 &3.13(VI with general medicine) muscular activity gradations, muscular dystrophy myopathies	BI 6.5 Pantothenic acid, Niacin, Biotin (L)	AN15.1,2,3,4,5 Femoral Triangle,Femoral Artery and Nerve,Adductor Canal, Obturator Nerve	Dissection	PY- Blood indices, Reticulocyte, Platelet counting	
May 12 Thursday	BI 6.5 Water soluble – Vitamins – Riboflavin, Pyridoxine(L)	PY6.2 Ventilation perfusion ratio, alveolar air composition (L)	AN71.2 Anatomy Histology (L)- Cartilage	Dissection	DOAP Anatomy Cartilage Tissue	

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
May 13 Friday	PY6.2 Respiratory membrane, factors	BI 6.5 Pantothenic acid, Niacin, Biotin (L)	AN14.3 Anatomy Osteology (L)-	Dissection	Dissection	AETCOM 1.4	

	regulating rate of diffusion, diffusion capacity of lung (L)		Fibula			
May 16 Monday	PY5.3 Cardiac cycle – volume changes in ventricles (L)	BI 6.5 Water soluble – Vitamins – thiamine (L)	AN14.4 Anatomy Osteology (L)- Patella (with Integration Ortho-Dislocation of Patella)	Dissection	PY8.6Classification of hormones, regulation of hormone secretion (L)	PY6.3Transport of oxygen :different forms (L)
May 17 Tuesday	BI 6.5 Fat soluble – Vitamins – Vit A (L)	PY8.6Mechanism of hormone action – steroid, protein, amine, second messengers(L)	AN18.4 Anatomy (L)- Knee Joint (with Integration Ortho-Examination of Knee Joint in Injury- to test Ligaments)	Dissection	BI11.10 the estimation of triglycerides (Practical)	
May 18 Wednesday	PY5.3Cardiac cycle – heart sounds, arterial pulse, recording of arterial pulse (L)	Biochemistry SGD	AN78.1-5 Anat Embryology(L) - Bilaminar Embryo	Dissection	PY – Amphibian muscle experiments	
May 19 Thursday	Biochemistry SGD	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	DOAP Anatomy Vascular Tissue	
May 20 Friday	PY8.2 Pituitary gland – functional anatomy, hypothalamo pituitary axis, hormones of anterior pituitary (L)	Biochemistry SGD	AN69.1,2,3 Anatomy Histology (L)- Vascular tissue	Dissection	AETCOM 1.4	

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
May 21 Saturday	BI 6.5 Fat soluble – Vitamins – Vit D(L)	PY6.3 Transport of oxygen – oxygen haemoglobin dissociation curve (L)	AN14.1-4 Anatomy Osteology (L) - Tarsal bones	Community Medicine	Community Medicine	Sports & ECA	
May 23 Monday	PY8.2(ECE) Growth hormone- actions, mechanism of action, acromegaly, gigantism, dwarfism	BI 6.5 Fat soluble – Vitamins – Vit D(L)	AN19.5-7 Anatomy (L)- Arches of foot (with ECE- Club foot)	Dissection		PY8.2 Growth hormone , synthesis, secretion , regulation of secretion (L)	PY5.9 Cardiac output – regulation (intrinsic and extrinsic) (L)
May 24 Tuesday	BI8.1 Significance of dietary fibre , Glycemic index(L)	PY6.3 Transport of carbon dioxide – different forms , carbon dioxide dissociation curve (L)	AN78.2-5 Ana Embryology (L)- Trilaminar Germ disc	Dissection		BI11.1 estimation of calcium and phosphorous	
May 25 Wednesday	PY5.9 Cardiac output – regulation by changes in heart rate (L)	BI8.2 - Protein energy malnutrition and its effects. (L)	AN79.4 Anatomy Embryology (L)- Intraembryonic Mesoderm and folding of embryo	Dissection		PY – Amphibian heart experiments	
May 26 Thursday	BI8.2 - Protein energy malnutrition and its effects. (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)	Dissection		DOAP Anatomy Trachea and Lung	
May 27 Friday	PY8.2 Pituitary gland – prolactin: secretion, actions, regulation of secretion. ADH, : synthesis, mechanism of	BI 6.5 Fat soluble – Vitamins – Vit E(L)	AN25.1 Anat Histology(L)- Trachea and Lungs	Dissection		AETCOM :1.4	

	action, regulation (L)						
Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
May 28 Saturday	BI 6.5 Fat soluble – Vitamins – Vit K(L)	PY8.2(ECE) Diabetes insipidus, effects of hypersecretion of ADH. Oxytocin – actions, regulation of secretion	AN13.2-8,20.10 Anat Embryology(L)- Development of Limbs and Dermatomes of lower limb	Community Medicine	Community Medicine	Sports &ECA	
May 30 Monday	PY8.2 Thyroid gland – synthesis of thyroid hormone, transport, regulation of secretion (L)	BI 6.5 Fat soluble – Vitamins – Vit K(L)	AN80.3 Anat Embryology(L)- Formation and circulation of placenta	Dissection		PY5.7Hem odynamics - organisatio n of vascular system (L)	PY*Regulation of respiration – neural: voluntary, automatic (L) PY*Regulation of respiration - reflex regulation, Hering Breuer reflexes
May 31 Tuesday	BI 6.5 Fat soluble – Vitamins – Vitamin D(L)	PY5.9 Blood pressure – determinants , variations, measurement (L)	AN80.1-4 Anat Embryology (L)- Foetal membranes, Twinning and Teratology	Dissection		BI11.12 estimation of serum bilirubin (Practical)	
June 1 Wednesday	PY8.2Thyroid gland - actions of hormone (L)	BI6.9 Calcium and Phosphorus: metabolism and significance. (L)	AN20.6 Anatomy (L) X ray of Lower Limb	Dissection		PY – General examination	

June 2 Thursday	BI 6.5 Fat soluble – Vitamins – Vitamin D(L)	PY5.9 Blood pressure – short term regulation (L)	AN18.1,2,3&19.1,2 Anatomy (L) TibialNerve,Peroneal Nerve, Plantar Nerves	Dissection	Practical
June 3 Friday	PY*Regulation of respiration – chemical (L)	BI6.9 Calcium and Phosphorus: metabolism and significance. (L)	AN21.1 Anat Osteology(L)- Sternum	Dissection	AETCOM 1.4

* 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
June 4 Saturday	BI 3.2, BI 3.3 Digestion & absorption of glucose, glucose transporters, ORS, Lactose intolerance(L)	PY8.2 9(ECE)Thyroid gland - hypo and hypersecretion of thyroid hormone	AN21.3-11 Anatomy (L)- Thoracic wall	Community Medicine	Community Medicine	Sports & ECA	
June 6 Monday	PY5.9 (ECE) Blood pressure - intermediate and long term regulation	BI 3.2, BI 3.3 Digestion & absorption of glucose, glucose transporters, ORS, Lactose intolerance(L)	AN21.1 Anatomy Osteology(L)- Thoracic vertebrae	Dissection		PY8.1 Bone physiology, calcium homeostasis (L)	PY*Regu lation of respiratio n – chemical
June 7 Tuesday	BI6.10 Regulation of blood calcium and phosphorus level, Hypercalcaemia, Hypocalcaemia(L)	PY8.2Parathyroid gland - hormone secretion and regulation, mechanism of action (L)	AN21.3 Anatomy (L) Thoracic Outlet and Applied anatomy	Dissection		Practical exams	
June 8 Wednesday	PY5.8Cardiovascular regulation – neural (L)	BI6.10 Regulation of blood calcium and phosphorus level, Hypercalcaemia, Hypocalcaemia(L)	AN24.1 Anatomy (L)- Pleura (with ECE- Pleural Effusion)	Dissection		Practical exams	

June 9 Thursday	BI 3.4 Rappaport Lubering Pathway, Significance of 2,3 BPG, Cori's cycle(L)	PY*Regulation of respiration – ventilatory response to changes in pH,pO ₂ and pCO ₂	AN24.1-5 Anatomy (L)- Lung I	Dissection	Practical exams
June 10 Friday	SDL Anatomy	SDL Anatomy	SDL Anatomy	SDL Anatomy	SDL Anatomy

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First sessional theory examination

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
June 13 Monday	ANATOMY FIRST SESSIONAL EXAMINATION						
June 14 Tuesday	SDL – PHYSIOLOGY						
June 15 Wednesday	PHYSIOLOGY FIRST SESSIONAL EXAMINATION						

June 16 Thursday	SDL – BIOCHEMISTRY
June 17 Friday	BIOCHEMISTRY FIRST SESSIONAL EXAMINATION

ay	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
June 18 Saturday	BI 3.4 Rappaport Lubering Pathway, Significance of 2,3 BPG, Cori's cycle(L)	PY5.8 Cardiovascular regulation – humoral and local mechanism	AN25.2 Anatomy (L) Development of Pleura and Lungs	Community Medicine		AETCOM 1.4	
June 20 Monday	PY8.2 Adrenal cortex -- glucocorticoidsaction (L)	BI 3.4 Gluconeogenesis ; definition, substrates, reactions & key enzymes(L)	AN70.1 Anat Histology(L) - Lymphatic System I- IntroToLymphaticsystem,Lymph node and Thymus	Dissection		PY 5.10(VI with general medicine) Regional circulation – microcirculation , lymphatic. Coronary (L)	PY 8.2 (ECE)Parathyroid gland – hypo and hypesection of hormone
Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
June 21 Tuesday	BI 3.4 fate of pyruvate, PDH reaction, lactic acidosis with 2 examples(L)	PY6.6 (ECE) Pathophysiology of dyspnoea and hypoxia. clinical features of hypoxia, classification of hypoxia	AN24.5,25.9 Anatomy (L)- Lung II (With ECE - Lobectomy in Ca Lung ,Imp of drainage of Bronchopulmonary segment)	Dissection	Dissection	DOAP Anatomy- Lymph Node and Thymus	
June 22 Wednesday	BI 3.4 Gluconeogenesis ; definition, substrates, reactions & key enzymes(L)	PY8.2 Adrenal cortex - hormones secreted and its regulation : glucocorticoids(L)	AN22.1 Anatomy (L)- Pericardium (with ECE- Pericardial tamponade)	Dissection		PY- BP measurement	
June 24	PY 5.10 Regional	Biochemistry SGD	AN21.11				

Friday	circulation – cerebral, capillary, cutaneous(L)		Anatomy (L)- Mediastinum- Boundaries and contents	Dissection	AN23.1,2,4 Anatomy (L)- Thoracic duct, Oesophagus, Thoracic Aorta	
June 23 Thursday	Biochemistry SGD	PY 6.6 (ECE) Pathophysiology of cyanosis, asphyxia, Periodic breathing	AN22.2, 25.9 Anatomy (L) External features of heart and right Atrium	Dissection	BI11.13 estimation of SGOT/ SGPT	
June25 Saturday	Biochemistry SGD	PY 5.10 Regional circulation – foetal , splanchnic (L)	AN23.3 Anatomy (L) IVC and Azygos venous system	Community Medicine	Sports & ECA	
June 27 Monday	PY8.2 Adrenal cortex – glucocorticoids: hypo and hyperscretion (L)	BI 3.4 Regulation, significance, glucose alanine cycle(L)	AN43.2,70.2 Anatomy Histology (L)- LymphaticsII- Spleen and Tonsils	Dissection	PY 6.4 High altitude physiology 6.5Acclimatization(L)	PY5.11 (ECE)Pathophysiology of shock, classification of shock

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
June28 Tuesday	BI 3.4 Glycogenesis, Glycogenolysis; regulation in brief(L)	PY6.4 Deep sea diving 6.5 Decompression sickness (L)	AN22.3,4,5 Anatomy (L)- Blood supply of Heart(with ECE- Myocardial Infarction)	Dissection	Dissection	DOAP Anatomy- Spleen and Tonsils	
June 29 Wednesday	PY 5.11 Stages of shock, clinical features (L)	BI 3.4 Glycogenesis, Glycogenolysis;	AN25.5,6 Anatomy (L)- Arterial arches	Dissection		PY – BP measurement	

		regulation in brief(L)			
June 30 Thursday	BI 3.4 Glycogen storage disorders(L)	PY 6.5 Principles of artificial respiration, oxygen therapy (L)	AN22.2 Anatomy (L)- Chambers of heart	Dissection	BI11.14estimation of alkaline phosphatase (Practical)
July 1 Friday	PY 8.2 Adrenal cortex - mineralocorticoids : secretion and regulation (L)	BI 3.4 Glycogen storage disorders(L)	AN70.1,43.2 Anat Histology (L)- Salivary gland	Dissection	AETCOM 1.4
July 2 Saturday	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
July 4 Monday	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	Dissection	Dissection	PY 8.2 Adrenal cortex-mineralo-corticoids: actions. hypo & hypersecretion(L)	PY 6.7 Lung function tests(L)
July 5 Tuesday	BI 3.9 Regulation of blood glucose : fed & fasting state; organs	PY7.1 Functional anatomy of kidney, types of nephrons. 7.2	AN21.6,23.3 Anatomy (L)- Veins of Thorax	Dissection		DOAP Anatomy Salivary gland	

	involved(L)	Juxtaglomerular apparatus (L)				
July 6 Wednesday	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)	AN25.2,4,5 Anatomy Embryology (L)- Development of Heart I	Dissection		BI11.15 composition of CSF (SGD)
July 7 Thursday	BI 3.9, BI3.10 Diabetes mellitus: complications(L)	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	Dissection		PY - STEP Test
July 8 Friday	PY9.2 Physiology of puberty - onset, progression, stages (L)	BI 3.9, BI3.10 Diabetes mellitus: complications(L)	AN25.4 Anatomy (L) Anatomical basis of ASD, VSD, Fallot's tetralogy, Tracheo-oesophageal fistula	Dissection	PY 8.2 Adrenal cortex –sex steroids : secretion, actions, regulation (L) PY8.2 Adrenal medulla - hormones secreted and regulation (L)	PY8.4(HI with biochemistry) Thyroid function tests
July 11v Monday	PY8.2 Adrenal medulla – actions of hormones (L)	BI3.9 3.10 Acute & chronic complications (biochemical basis) laboratory diagnosis & monitoring (L)	AN72.1 Anatomy Histology (L)- Skin	Dissection	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
July 12 Tuesday	BI3.9 3.10 Acute & chronic complications (biochemical basis) laboratory diagnosis &	PY 7.3 Mechanism of urine formation. Glomerular filtration (L)	AN23.6 Anatomy (L)- Splanchnic nerves, Sympathetic trunk	Dissection	Dissection	DOAP Anatomy Skin	

	monitoring (L)					
July 13 Wednesday	PY9.3 Factors regulating spermatogenesis, 9.9 semen analysis (L)	BI3.10 GTT: indications, procedure, interpretation Hypoglycemia(L)	AN26.1,26.2 Osteology (L)- Normas except basalis	Dissection	PY - ECG	
July 14 Thursday	BI11.16 Electrophoresis, Chromatography (L)	PY8.2 Endocrine pancreas - hormones secreted , insulin – secretion and regulation (L)	AN27.1,2 Anatomy (L)- Scalp (with ECE- Trauma on Scalp -Management)	Dissection	BI11.16 use of commonly used equipments/techniques in biochemistry laboratory (Demonstration)	
July 15 Friday	PY 7.3 Mechanism of urine formation. Glomerular filtration : factors regulating , measurement (L)	BI4.2 Fatty acid biosynthesis: reactions ; regulation (L)	AN26.1,2,3,4 Anat Osteology (L)- Frontal,Parietal,Occipital,Mandible	Dissection	ECE – Diabetes mellitus Self monitoring	
July 16 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
July 18 Monday	PY 9.3 and 9.5 (ECE) Endocrine functions of testes, abnormalities in testicular function. 9.7 – Effects of castration	BI4.2 Fatty acid oxidation: beta oxidation ; oxidation of odd chain fatty acid & fate of propionyl CoA (L)	AN43.2 Anatomy Histology (L)- Thyroid and parathyroid	Dissection	PY 9.4 Female reproductive system – functional anatomy, functions of ovary, oogenesis (L)	PY8.2 Endocrine pancreas - insulin – diabetes mellitus (L)

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
July 19 Tuesday	BI4.5 Ketone body metabolism, ketoacidosis in DM & starvation (L)	PY 7.3 Tubular reabsorption - regulation of sodium reabsorption (L)	AN28.1 Anatomy (L)- Muscles of Facial expression	Dissection	Dissection	DOAP Anatomy Thyroid and parathyroid	
July 20 Wednesday	PY9.4 and 9.5 Estrogen and progesterone-synthesis, functions, regulation (L)	BI4.5 Adipose tissue metabolism, Fatty liver (L)	AN28.4,28.7 Anatomy (L) Facial Nerve and Facial Nerve Palsy	Dissection		PY – Ergography	
July 21 Thursday	BI4.3 Cholesterol metabolism (L) Epiphora)	PY 9.4 Menstrual cycle – ovarian cycle (L) PY9.4 Uterine cycle and its regulation (L)	AN31.4 Anatomy (L)- Eyelids and lacrimal apparatus (with ECE-	Dissection		BI11.16 use of commonly used equipments/techniques in biochemistry laboratory (Demonstration)	
July 22 Friday	PY8.2 Endocrine pancreas - glucagon actions , applied (L)	AN28.1-8 Anatomy (L)- Vessels and nerves of face	Dissection	Dissection		AN42.2 Anatomy (L)- Suboccipital Triangle	
July 23 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 25 Monday	PY 7.3 Concentration of urine – counter current multiplier system (L)	BI4.3 Lipoprotein metabolism – HDL(L)	AN43.2,52.1 Anatomy Histology(L)- Suprarenal and Pituitary	Dissection		PY8.2 Endocrine pancreas - glucagon secretion and regulation (L)	PY 7.3 Tubular reabsorption of water. Tubular handling of potassium, aminoacids, urea (L)

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
July 26 Tuesday	BI 6.13,6.14,6.16 Adrenal function test (HI with physiology) (L)	PY 7.3 Counter current system – role of urea, counter current exchanger system (L)	AN43.4 AnaEmbryology(L)- Development of Face	Dissection	Dissection	DOAP Anatomy Suprarenal and Pituitary gland	
July 27 Wednesday	PY 9.8 Placenta - formation, functions. Fetoplacental unit. 9.10 Pregnancy tests (L)	BI4.6 Eicosanoids(L)	AN28.9,10 Anatomy (L)- Parotid Gland (With ECE - Mumps, Tumor, Parotidectomy)	Dissection		PY – CVS examination	
July 28 Thursday	BI4.6 Eicosanoids(L)	PY7.3 Water and osmotic diuresis. PY 7.3 Acidification of urine , secretion of H ⁺ Bicarbonate reabsorption (L)	AN30.3 Anatomy (L)- Dura and dural venous sinuses	Dissection		BI11.16 use of commonly used equipments/techniques in biochemistry laboratory (Demonstration)	
July 29 Friday	PY10.1(HI with anatomy) Organisation of nervous system (L)	BI5.3 Digestion and absorption of amino acid, Nitrogen balance, PEM(L)	AN43.2 Anatomy Histology(L) - Retina & Cornea	Dissection		PY 8.4 (HI with biochemistry) (ECE) 8.5 - obesity and metabolic syndrome	PY 9.8 Physiological changes in mother during pregnancy (L) PY9.8 (VI with obstetrics and gynaecology) Physiology of pregnancy, fertilization, implantation

July 30 Saturday	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	Biochemistry SGD	P Y7.4 Renal clearance, clinical importance, measurement. (L)	PY7.3(SGD)G lomerular filtration
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Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
August 1 Monday	PY 9.8 Physiology of parturition, mechanics, phases, control (L)	BI5.4 Detoxification of ammonia(L)	AN30.5 Anatomy (L)- Pituitary gland	Dissection	Dissection	PY7.5 (HI with biochemistry 1.7) regulation of fluid and electrolytes	PY 10.2 Synapse - properties (L)
August 2 Tuesday	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		DOAP Anatomy- Suprarenal and Pituitary gland	
August 3 Wednesday	PY7.5 (HI with biochemistry 1.7) acid base balance, renal buffers	BI5.4, 5.5 Glycine met, specialized products, inborn errors(L)	AN35.1 Anatomy (L)- Cervical fascia	Dissection		BI11.16 use of commonly used equipments/techniques in biochemistry laboratory (Demonstration)	
August 4 Thursday	BI5.4 Urea cycle, regulation, hyperammonemia (L)	PY 9.8 Lactation - development of breast, prolactin , phases of lactation (L)	AN33.2,3,5 Anatomy (L)- Temporomandibular Joint (With ECE-	Dissection		PY- Respiratory system examination	

August 5 Friday	PY 9.8 Lactation - regulation, advantages of lactation. Psychological disorders related to pregnancy (L)	BI5.4 Urea cycle, regulation, hyperammonemia (L)	Dislocation) AN32.1,2 Anatomy (L) Anterior Triangle of Neck, Branches of Carotid Arteries and its branches, Carotid sheath, Ansa Cervicalis	Dissection	PY 7.6 Urinary bladder - innervation, physiology of micturition and abnormalities. 7.9 : cystometrogram (L)	PY 10.2 (HI with anatomy) Neurotransmitters , 10.3 Sensory system – sensations. 10.2 Receptors - types PY10.2 Receptors – potentials, properties (L)
August 6 Saturday	BI5.5 Sulphur containing amino acid metabolism, inborn errors(L)	PY 10.3 Spinal cord – structure, tracts (L)	AN64.1 Anatomy Histology(L)- Cerebrum, Cerebellum and Spinal Cord	Dissection	PY9.6 (VI with obstetrics and gynecology/ community medicine) Contraceptive methods , natural methods	PY9.6 , 9.11, 9.12 (VI with obstetrics and gynecology/ community medicine) Contraceptive methods- barrier methods, IUDs, contraceptive pills, terminal methods, MTP

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
August 9 Tuesday	BI5.5 BI5.5 Sulphur containing amino acid metabolism, inborn errors(L)	PY7.7 (VI with general medicine) (ECE) artificial kidney, dialysis, renal transplantation	AN43.4,5,6 Anat Embryology(L)- Development of Branchial arches	Dissection	Dissection	DOAP Anatomy Cerebrum Cerebellum and Spinal Cord	
August 10 Wednesday	PY10.3 (HI with anatomy) Sensory system – ascending tracts : general organisation, dorsal column	BI6.13,6.14,6.15 RFT(HI with physiology) (L)	AN35.2 Anatomy (L)- Thyroid gland	Dissection		PY – GIT examination	

August 11 Thursday	BI6.13,6.14,6.15(HI with physiology) RFT-interpretation(L)	PY SGD on contraceptive methods	AN36.1 Anatomy (L)- Soft palate and palatine tonsil (with ECE-Smile Train)	Dissection	BI11.17 Basis and rationale of biochemical tests done in clinical conditions (SGD) (HI General Medicine, Pathology)
August 12 Friday	PY 10.3 Ascending sensory tracts - dorsa column, spniiothalamic 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	ECE Biochemistry Central Lab
August 16 Tuesday	BI5.5 Aromatic amino acid metabolism, inborn errors(L)	PY10.3 Pain pathways, referred pain : types, theories (L)	AN52.2 Anat Histology(L)- Epididymis, Testis	Dissection	BI11.17 Basis and rationale of biochemical tests done in clinical conditions (SGD) (HI General Medicine, Pathology)

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
August 17 Wednesday	PY10.3 Modulation of pain - gate control theory , supraspinal regulation of pain (L)	BI5.5 Aromatic aa metabolism, inborn errors (ECE)	AN36.1-5 Anatomy (L) Pharynx II	Dissection	Dissection	DOAP Anatomy Epididymis, Testis	
August 19 Friday	PY10.3(HI with anatomy) Sensations from face	BI5.5 Aromatic aa metabolism, inborn errors (ECE)	AN34.1,2 Anatomy (L) Submandibular and sublingual gland	Dissection		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, Brodman's area, lesions
August 20 Saturday	BI5.5 Aromatic aa metabolism, inborn errors (ECE)	PY4.2 Regulation of salivary secretion, abnormalities (L)	AN37.1,2 Anatomy (L)- Nasal cavity (with ECE- Nasal Polyp)	Dissection					PY – Spirometry & PEFR
August 22 Monday	PY5.10 Cerebral circulation (L)	BI5.5 Aromatic aa metabolism, inborn errors (ECE)	AN38.1,2,3 Anatomy (L)- Larynx (with ECE- Ca Larynx)	Dissection					PY 10.7 Thalamus : anatomy, thalamic nuclei, connections, functions, thalamic syndrome (L)
August 23 Tuesday	BI5.5 Branched chain aa met, 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
August 24 Wednesday	PY 4.3 Deglutition – phases, regulation, disorders (L)	BI5.5 Branched chain aa met, inborn errors (ECE)	AN52.2 Anat Histology(L)- Prostate and Vas deferens	Dissection					Practical
August 24 Wednesday									PY – Sensory system examination
Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm		

August 25 Thursday	BI5.5 Acidic aa met, inborn errors (ECE)	PY7.9 Cystometrogram, P7.6 Abnormalities of micturition (L)	AN39.1,2 Anatomy (L)- Tongue	Dissection	Dissection	DOAP Anatomy Prostate and Vas deferens
August 26 Friday	PY10.2 Reflexes –stretch and inverse stretch reflex (L)	BI5.5 Basic aa met (ECE)	AN40.1,2,3,4,5 Anatomy (L)- Middle ear	Dissection		ANA26.6,7 Anatomy (L) Cervical vertebrae Surface marking of head and Neck
August 27 Saturday	BI3.6 TCA cycle as an amphibolic pathway, its regulation. (L)AN32.2,39.1,34.1&35.7 &39.1	PY4.2 Factors regulating gastric juice secretion, phases, mechanism of HCl secretion (L)	Anatomy (L)- Hyoglossus muscle and it's relations	Dissection		BI11.17 Basis and rationale of biochemical tests done in clinical conditions (SGD) (HI General Medicine, Pathology)
August 29 Monday	PY7.7(VI with general medicine) Artificial kidney, dialysis, renal transplantation	BI3.6 Electron transport chain(L)	AN41.1,2,3 Anatomy (L)- Eyeball (with ECE-Eye Donation)	Dissection		PY10.4 (HI with anatomy) Motor system :organisation 10.2 muscle spindle
August 30 Tuesday	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	Dissection		PY – Motor system examination
August 31 Wednesday	P 10.2 Withdrawal reflex. 10.4 descending tracts (L)	AN52.2 Anatomy Histology (L)- Ovary,Fallopian tube	AN35.5 Anatomy (L)- Lymphnodes of head and neck (with ECE- Matted lymphnodes TB)	Dissection		Practical

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
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September 1 Thursday	BI3.6 TCA cycle as an amphibolic pathway	PY 10.4 (ECE) Pyramidal tract and lesions , its regulation. (L)	AN64.2 Anatomy (L)- Introduction to brain Development of CNS	Dissection	Dissection	DOAP Anatomy Ovary and Fallopian tube	
September 2 Friday	PY4.2 (ECE) Gastric mucosal barrier, peptic ulcer	BI6.11 , 6.12 Heme metabolism, porphyria(L)	AN57.1,2,3,4 Anatomy (L)- Spinal Cord- External features and blood supply (with ECE- Lumbar puncture)	Dissection		AETCOM :1.2	
September 3 Saturday	BI6.11 Bilirubin metabolism(L)	PY10.4 Extrapyramidal tracts. (L)	AN56.1,2 Anatomy (L)- Meninges and Subarachnoid cisterns	Dissection		Sports & ECA	
September 5 Monday	PY 4.2 Pancreatic juice – composition, functions , mechanism of secretion (L)	BI11.17 Basis and rationale of biochemical tests done in clinical conditions (SGD) (HI General Medicine, Pathology)	AN52.2 Anat Histology (L)- Uterus and Placenta	Dissection		PY -SGD on Hcl secretion and regulation	Integration with Physiology,Medicine, Neurology Topic - Spinal cord lesions
September 6 Tuesday	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)	Dissection		PY- Cranial nerve 1 to V1	

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
September 12 Monday	PY4.2 Pancreatic juice - regulation of secretion, role of secretin, CCK, pancreatitis, cystic	BI6.14, 6.15 Liver function tests(L)	AN58.1,2,3,4 Anatomy (L)- Medulla	Dissection	Dissection	PY10.5 Autonomic nervous system – organisation (L)	PY10.7 Basal ganglia – organisation (L)

	fibrosis (L)						
September 13 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			DOAP Anatomy Uterus and Placenta
September 14 Wednesday	PY10.7 Basal ganglia – connections and functions (L)	BI6.2, 6.3, Nucleotide chemistry &metabolism (L)	AN60.1,2,3,AN63.1 ,2 Anatomy (L)- Cerebellum and 4 th Ventricle	Dissection			BI11.18 Principles of spectrophotometry (SGD)
September 15 Thursday	BI6.2, 6.3, Nucleotide chemistry &metabolism (L)	PY10.5 Autonomic nervous system – functions (L)	AN61.1,2,3 Anatomy (L)- Midbrain	Dissection			PY – Cranial nerve V11 TO X11
September 16 Friday	PY10.4 Posture and equilibrium (L)	BI6.2, 6.3, Nucleotide chemistry &metabolism(VI with General medicine) (L)	AN62.2 Anatomy (L)- Sulci, Gyri and Functional areas of cerebrum	Dissection			AETCOM : 1.2
September 17 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			Sports & ECA

September 19 Monday	PY(ECE) 4.2 Regulation of biliary secretion, functions of bile , gall stone	AN63.1,2 Anatomy (L)- Third ventricle and lateral ventricle (with ECE)	AN31.2,30.2 Anatomy (L)- Visual pathway (with ECE- Visual field,Pituitary tumor)	Dissection			PY10.7 Cerebellum - connections (L)	PY 4.7 and 4.2Gall bladder – bile composition, secretion (L)
Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm	
September 20 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	Dissection	Dissection	Practical exams		

September 22 Thursday	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	
September 23 Friday	PY10.7 Cerebellum - functions (L)	BI7.2 Replication & repair of DNA(L)	AN62.5 Anatomy (L)- Thalamus	Dissection	Practical exams	
September 24 Saturday	P 4.2 Small intestine –anatomy, secretions and functions of intestinal juice (L)	AN 73.1,2,3 Anatomy (L)- GENETICSI	PY(ECE)10.7 Cerebellum - disorders	Dissection	Sports & ECA	
October 1 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	AETCOM :1.2	
October 3 Monday	AN52.2 Anatomy Histo(L)- Mammary gland and umbilical cord	PY 4.2 Large intestine – anatomy, secretions and functions, intestinal flora (L)	AN74.1,2,3,4 Anatomy (L)- GENETICS II	Dissection	PY 10.5 Reticular activating system (L)	PY 4.3 Gastric motility- basic electrical rhythm, migrating motor complex, hunger contractions (L)

Second Sessional Exam

September 26 Monday	ANATOMY SECOND SESSIONALEXAMINATIONS (3HRS)
September 27 Tuesday	SDL –PHYSIOLOGY

September 28 Wednesday	PHYSIOLOGY SECOND SESSIONAL EXAMINATIONS (3HRS)
September 29 Thursday	SDL-BIOCHEMISTRY
September 30 Friday	BIOCHEMISTRY SECOND SESSIONAL EXAMINATIONS (3HRS)

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
October 6 Thursday	BI 7.2 Transcription of DNA(L)	P Y10.7 Hypothalamus - structure, nuclei, subdivisions (L)	AN75.1,2,3,4,5 Anatomy (L)- GENETICS III (with ECE- Syndromes)	Dissection	Dissection	DOAP Anatomy Mammary gland and Umbilical cord	
October 7 Friday	PY 10.7 Hypothalamus – connections, functions , lesions (L)	BI 7.2 Transcription of DNA(L)	AN53.1&&50.1, 2,3,4 AnatOsteo(L)- Lumbar vertebrae	Dissection		Dissection -Testis(SDL)	
October 10 Monday	PY4.3 Gastric emptying, receptive relaxation , effects of gastrectomy (L)	BI 7.2 Transcription of DNA(L)	AN 44.1,2,3,6,7 Anatomy (L)- Anterior Abdominal wall and rectus sheath	Dissection		PY4.3 Movements of small intestine, peristalsis, segmentation contractions (L	PY10.7 Limbic system – functional anatomy, connections, Papez circuit, functions (L)

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
October 11 Tuesday	BI 7.2 Transcription of DNA-reverse transcription(L)	P 10.13(VI with ENT) Smell – olfactory organ ,bulb, receptors, pathways	AN 44.4,5 Anatomy (L)- Inguinal canal, spermatic cord and	Dissection		PY – Examination of reflexes	PY – Examination of reflexes

			descent of testes (with ECE Inguinal Hernia and Repair) AN46.1-4 Male External Genitalia-Testis and Penis				
October 12 Wednesday	PY10.13 , 10.14 Olfactory – 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	BI11.19 Basic principles involved in the functioning of instruments commonly used in a biochemistry laboratory and their applications(ECE)		
October 13 Thursday	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)		DOAP Anatomy Oesophagus and Tongue		
October 14 Friday	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
October 15 Saturday	PY 10.13,10.14 (VI with ENT) Taste sensation – papillae,	BI7.3 Regulation of gene expression. (L)	AN52.4,6 Anatomy (L)- Development	PY 4.4 Digestion and	PY4.7 (ECE/ SGD) Obstructive	Sports & ECA	

	taste buds, physiology of taste		of GIT I	absorption of nutrients (L)	jaundice	
October 17 Monday	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		Biochemistry SGD Biochemistry SGD
October 18 Tuesday	AN 47.8,10,11 Anatomy (L)- Portal vein (with ECE- Portal Hypertension)	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 physiology) (L)	Dissection		BI11.20 Abnormal constituents in urine, interpret the findings and correlate these with pathological states.(DOAP)
October 19 Wednesday	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		PY- practical revision
October 20 Thursday	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	Dissection		DOAP Anatomy Stomach Fundus and Pylorus
October 21 Friday	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
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October 22 Saturday	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)	SPORTS & ECA	
October 25 Tuesday	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		PY – Cardio respiratory changes to different grades of exercise	
October 26 Wednesday	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)	
October 27 Thursday	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		DOAP Anatomy Small Intestine- Duodenum, Jejunum and Ileum	
October 28 Friday	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
October 29 Saturday	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	FA on motor system	FA on motor system	SPORTS & ECA	

			(with ECE - Renal Failure, Kidney Transplantation)			
October 31 Monday	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		Physiology SGD
November 1 Tuesday	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)
November 2 Wednesday	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		PY- SEMINAR
November 3 Thursday	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		DOAP Anatomy Large Intestine and Appendix

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
November 4 Friday	PY 10. 17 Field of vision, binocular vision (L)	BI 7.4 Mutation(L)	AN 48.1,5 Anatomy (L)- Pelvic floor	FA on gastrointest- inal physiology	FA on gastrointestin- al physiology	AETCOM :1.3	
November 5 Saturday	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		Sports & ECA	
November 7 Monday	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		Biochemistry SGD	
November 8 Tuesday	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 10.15,10.19Transduction of sound waves, cochlear microphonics, membrane potentials (L)	Dissection		BI11.21 Estimation of glucose, creatinine, urea and total protein in serum. (DOAP)	
November 9 Wednesday	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		PY - SEMINAR	
November 10 Thursday	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		DOAP Anatomy Liver and Gall bladder	

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
November 11 Friday	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)	Formative Assessment Biochemistry	
November 14 Monday	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		ANATOMY SGD	
November 15 Tuesday	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)	
November 16 Wednesday	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		PY - SEMINAR	
November 17 Thursday	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		DOAP Anatomy Kidney, Ureter and Urinary bladder	
November 18 Friday	AN52.2 Anatomy Histology(L)- Kidney, Ureter and Urinary bladder	PY11.7Physiology of aging , theories of aging (SGD)	AN79.4,5 Anatomy Revision (L) IntraembryonicMesoder m,Somites,Intraembryon ic coelom, Neural tube defects	Dissection		Sports & ECA	
Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
November 19 Saturday	PY11.7 Aging – free radicals, antioxidants (SGD)	BI6.9, BI6.10 Metabolism of iodine (L)	AN52.8 Anatomy Embryology (L)- Development of female	FA on special senses	FA on special senses	Physiology SGD	

			reproductive system			
November 21 Monday	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		Physiology SGD
November 22 Tuesday	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)
November 23 Wednesday	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		PY - SEMINAR
November 24 Thursday	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		Practical
November 25 Friday	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
November 26 Saturday	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, Lumbricals, 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)	

November 28 Monday	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
November 29 Tuesday	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)
November 30 Wednesday	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)	PY - SEMINAR
December 1 Thursday	BI6.8 Arterial Blood Gas (ABG) analysis in various disorders(EC E)	PY-SGD on Parathyroid gland	Dissection- Lower Limb Revision (SDL)		Practical
December 2 Friday	Anatomy Class Test- Lower Limb General Histology	PY-SGD on Parathyroid gland	Anatomy SGD- Venous Drainage of Lower limb	Dissection- Lower Limb Revision (SDL)	Anatomy Revision (L) Lungs

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
December 3 Saturday	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	Sports & ECA	

December 5 Monday	BI 8.2 Serum protein electrophoresis (ECE)	PY-SGD on adrenal medulla	Anatomy SGD- Pleura	Dissection- Thorax Specimen Revision(SDL)	Systemic Histology Slide Revision
December 6 Tuesday	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)
December 7 Wednesday	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)	PY - SEMINAR
December 8 Thursday	BI 11.16 DNA isolation (L)	PY- PBL on myocardial infarction	Dissection- - Head and Neck Specimen revision(SDL)		Practical

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
December 9 Friday	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	
December 12 Monday	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)		PY-SGD on platelets - coagulation	
December 13 Tuesday	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	

December 14 Wednesday	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)
December 15 Thursday	Biochemistry FA:MCQ	PY-SGD on nerve action potentials and properties	Dissection- NeuroAnatomy Specimen Revision(SDL)		PY - SEMINAR
December 16 Friday	Anatomy class Test- NeuroAnatomy	PY-SGD on skeletal, cardiac, smooth muscle action potentials	Anatomy (L)-Cranial Nerve Nuclei and Facial nerve	Radiological Anatomy Viva	Sports & ECA

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
December 17 Saturday	PY-(ECE) SGD on ECG interpretation	Biochemistry Spotters	Anatomy Rivation(L)- Stomach, Duodenum,Liver, Spleen, Pancreas,Caecum and Appendix	PY-PBL on myocardial infarction	PY - PBL on myocardial infarction	Surface Anatomy Revision	
December 19 Monday	Biochemistry Spotters	PY-SGD on WBC – cell mediated and humoral immunity	Anatomy SGD- Portal Hypertension	Dissection- Abdomen specimen Revision(SDL)		FA Biochemistry	
December 20 Tuesday	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)	

December 21 Wednesday	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)	PY - SEMINAR
December 22 Thursday	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)		Practical
December 23 Friday	Anatomy Class Test- Pelvis and Perineum.	PY-SGD on normal spirogram, compliance	Anatomy-SGD Anatomical basis of Prolapse of Uterus	Surface Anatomy- Viva	Sports & ECA

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
December 26 Monday	PY-CBL on circulatory shock	Overview of university exam-Biochemistry- instructions(L)	Anatomy SGD- Anatomy Exam Orientation and Previous Question Paper Discussion	PY-CBL on circulatory shock	PY-CBL on circulatory shock	Practical revision	
December 27 Tuesday	Overview of university exam-Biochemistry- instructions(L)	PY-SGD on tubular reabsorption – Na, glucose	Anatomy SGD- Anatomy Exam Orientation and Previous Question Paper Discussion	Dissection Revision(SDL)		Practical revision	

Final Sessional Exam

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
Jan 2 Monday	Anatomy paper -1 –FINAL SESSIONAL EXAMINATIONS (3HRS)						
Jan 3 Tuesday	SDL -ANATOMY						

Jan 4 Wednesday	Anatomy paper-11 –FINAL SESSIONAL EXAMINATIONS (3HRS)
Jan 5 Thursday	SDL-PHYSIOLOGY
Jan 6 Friday	Physiology paper-1 –FINAL SESSIONAL EXAMINATION (3HRS)
Jan 7 Saturday	SDL-PHYSIOLOGY

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
Jan 9 Monday	Physiology paper -2 –FINAL SESSIONAL EXAMINATIONS (3HRS)						
Jan 10 Tuesday	SDL-BIOCHEMISTRY						
Jan 11 Wednesday	Biochemistry paper -1 -FINAL SESSIONAL EXAMINATIONS(3HRS)						
Jan 12 Thursday	SDL –BIOCHEMISTRY						
Jan 13 Friday	Biochemistry paper -2 –FINAL SESSIONAL EXAMINATIONS (3HRS)						

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
Jan 16 Monday	PRACTICAL AND VIVA EXAMINATION (5HRS)						
Jan 17 Tuesday	PRACTICAL AND VIVA EXAMINATION (5HRS)						

Jan 18 Wednesday	PRACTICAL AND VIVA EXAMINATION (5HRS)
Jan 19 Thursday	PRACTICAL AND VIVA EXAMINATION (5HRS)
Jan 20 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

ECE (Biochemistry) : 22 hours

Total: 1422 hrs

Community Medicine : 52

Sports : 60

Aetcom : 35

Total : 1645 hrs for two semesters