JUBILEE MISSION MEDICAL COLLEGE AND RESEARCH CENTER, THRISSUR TIME TABLE FOR PHASE I MBBS BATCH 2019-2020

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
Sept :4 Wednesday	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)	
Sept :5 Thursday	PY1.6 Body fluid compartments – ionic composition, methods of measurement of each compartment (L/SGD)	AN1.1 Anatomy (L) Anatomical planes and terms	PY2.1 Composition of blood ,functions of blood components, properties of blood(L)	Dissection		PY Study of compound microscope	
Sept :6 Friday	B I 1.1 - Plasma membrane (SGD)	PY1.3 Intercellular communications, cell adhesion molecules (L)	AN65.2Contacts between adjoining cells, Basement membrane, Projections from cell surface, Tissue definition and Types	Dissection		BI11.1 commonly used laboratory apparatus and equipments, good safe laboratory practice and waste disposal (SGD)	
Sept :7 Saturday	AN65.1,2 Anatomy (L)– Histology -Simple epithelium	Introduction to community medicine	CM 1.1 Define and describe the concept of public health	CM 1.1 History of public health		Practical	

* Sep 8 -15 – Onam Holidays

(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
Sept :16 Monday	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)	PY2.3Hemopoiesis – bone marrow types and clinical importance of bone marrow investigations and transplantation. Red cell: membrane structure and composition (L)	DOAP Anatomy Simple Epithelium	
Sept :17 Tuesday	B I 10.4 - Plasma proteinsTypes, Functions, Separation, Abnormal patterns in clinical diseases, A/G ratio, Acute phase proteins(SGD)	PY1.5 Active transport-primary, Na –K pump, secondary, Vesicular transport – mechanism, types (L)	AN8.2 Anatomy (L) – Osteology - Scapula	Dissection		PY2.12 Microscopic examination of blood and Osmotic fragility	
Sept :18 Wednesday	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)	
Sept :19 Thursday	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	
Sept :20 Friday	B I 10.4 - Structure of IgM & IgA. Functions Hyper and Hypogammaglobulinemia, Multiple myeloma(SGD)	PY2.6 WBC : normal Count, Arneth count, Schilling index, functions and properties of WBC, properties, leukaemia(SGD)	AN65.1,2 Anatomy (L)– Histology Compound epithelium	Dissection		Sports & ECA	

* September 21 – Holiday - Sreenarayanaguru Samadhi

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
Sept :23 Monday	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) HI with PY)	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. 1.4 Apoptosis (VI with PA)	PY2.10 WBC : classification of immunity, development of immune systems, peripheral lymphoid organs (L)	DOAP Anatomy Compound Epithelium	
Sept :24 Tuesday	B I 6.9- Causes of iron deficiency, lab investigations. Hereditary Hemochromatosis(SGD)	P Y2.3 Breakdown of Hb, abnormal Hb – thalassemia, HbS (defect, features, treatment) Structure of Hb – (HI with BI)	AN10.1 Anatomy (L)– Axilla and axillary artery	Dissection		PY 2.12 Demonstration of PCV , ESR, Neubaur chamber	
Sept :25 Wednesday	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(SGD)	Dissection		BI11.3 Chemical components of normal urine(SGD)	
Sept :26 Thursday	PY2.7 Platelets : thrombopoiesis : sites, stages , regulation , structure of platelets, normal count (L)	AN11.2,6 Anatomy (L) – Brachial Artery Anastamosis around the elbow	PY2.5 Anemia – (ECE)(V I with PA) definition, grades, classification, morphology, clinical features, iron deficiency anemia – cause, features, treatment	Dissection		Practical	
Sept :27 Friday	B I 6.5- Water soluble – Vitamins – Folic acid, B12(L) (HI with PY)	PY2.7 Platelets : functions , properties, thrombocytopenia (L)	AN11.5,3 Cubital fossa (with ECE- Paramedicals- Blood withdrawal from Median cubital Vein)	Dissection		Sports & ECA	
Sept :28 Saturday	AN65.2 Anatomy (L)– Histology – Glandular epithelium	CM 1.2 Definition of health, concept of holistic health including concept of spiritual health and the relativeness	CM 1.2 Determinant of health	CM 1.3 Characteristics of agent in health and disease		AETCOM (1.5)	

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
Sept :30 Monday	PY2.6 WBC : Structure and function of immunoglobulin, humoral immunity - mechanism (L)	B I 6.5 - Water soluble – Vitamins – Folic acid, B12(L) (HI with PY)	AN8.4 Anatomy (L) – Osteology - Radius	PY2.5 (ECE) Megaoblastic anemia, aplastic anemia, haemolytic anemia, polycythemia – primary, secondary. Iron metabolism – (HI with BI)	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 BI)	DOAP Anatomy Glandular Epithelium	
Oct :1 Tuesday	B I 5.1- Classification of aminoacids based on structure, metabolic fate, nutritive value(SGD)	PY2.8 Hemostasis : steps, role of platelets, clotting factors (L)	AN8.5 Anatomy (L)- Osteology – Ulna	Dissection		PY 2.11 RBC counting	
oct:3 Thursday	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 : cell mediated immunity – mechanism, cytokines, immune tolerance, autoimmunity, immunodeficiency diseases (L)	Dissection		BI11.4 Perform urine analysis to estimate and determine normal and abnormal Constituents (DOAP)	
Oct :4 Friday	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 (SGD)	AN12.7 Anatomy (L) Course and Branches of Important vessels and nerves in hand. Surface Anatomy of Superficial and deep palmar arch.	Dissection		Practical	
Oct :5 Saturday	AN12.10Anatomy (L)– Palm & palmar spaces (with ECE - Infection involving pulp space and drainage)	CM 1.3 The characteristics of post and environmental factors in health and disease	CM 1.3 Multifactorial etiology of disease	CM 1.4 Natural history of disease		AETCOM (1.5)	

* October 2 – Gandhi jayanti * October 7 & 8 – Pooja Holidays * October 12- Second Saturday

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
Oct :9 Wednesday	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 –AN, PY, BI	
Oct :10 Thursday	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 (SGD)	Dissection		Integrated teaching - AN, PY, BI	
Oct :11 Friday	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	Dissection		Sports & ECA	

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
Oct:14 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. VI with PA	DOAP Anatomy Connective Tissue	
Oct :15 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		PY 2.11Hemoglobin estimation	
Oct :16 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) (VI General Medicine)	
Oct:17 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	
Oct:18 Friday	B I 5.1- 3°& 4°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	
Oct :19 Saturday	ANA.2.1,2,3 Anatomy Histology(L) – Bone I.	#Visit to Field and institutional visits				AETCOM (1.1)	

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
Oct:21 Monday	PY5.2 Mechanism of contraction of cardiac muscle, properties – refractory period (L)	BI5.1 Classification of proteins, nutritional value, limiting aminoacids denaturation of proteins(SGD)	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	
Oct :22 Tuesday	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 Anat Embryology (L)- oogenesis	Dissection		PY2.11WBC Counting	
Oct :23 Wednesday	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)	
Oct:24 Thursday	PY6.2Pressue 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	
Oct:25 Friday	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.	Dissection		Sports & ECA	
Oct :26 Saturday	ANA.7.2,3 68.1,2,3 AnatomyHistology(L) – Nervous tissue – Peripheral nerve and optic nerve Anatomy – Perineal pouches	#Visit to Field and institutional visits				AETCOM(1.1)	

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	23p m	3-4pm
Oct:28 Monday	PY6.2 Intrapleural pressure – measurement and significance (L)	B I 2.4- Enzyme inhibition(SGD)	AN77.4 Anatomy Embryology(L)- Fertilization and Implantation and ART	PY3.5 (VI with anaesthesia, pharmacology) Neuromuscular blocking drugs	PY3.6(VI with PA / ECE) Myasthenia gravis – pathothophysiology, clinical features, Lambert Eaton syndrome	DOAP Anatomy Nervous Tissue - Peripheral nerve and Optic nerve	
Oct :29 Tuesday	B I 2.6 - Clinical enzymology: Diagnostic importance of enzymes(L) (VI with PA & GM)	PY5.5 (VI with general medicine) Electrocardiogram (ECG): recording , leads	AN12.2,7 Anatomy (L)- Radial Nerve, Ulnar Nerve	Dissection		PY 2.11 Differential Leucocyte count	
Oct :30 Wednesday	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 (SGD)	Dissection		BI11.7 Estimation of serum creatinine and creatinine clearance (Practical)	
Oct:31 Thursday	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	
Nov:1 Friday	B I 3.1 – Classification of carbohydrates, Isomerism,Glycosidic bonds (SGD)	PY3.8 Skeletal muscle: resting membrane potential, action potential, properties (L)	AN13.5 Anatomy (L) Xrays of the Upper Limb	Dissection		Sports & ECA	
Nov:2 Saturday	ANA.7.8 Anatomy histology (L) – Nervous tissue II – ganglion	#Visit to Field and institutional visits				AETCOM (1.1)	

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
Nov:4 Monday	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 AN)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	
Nov:5 Tuesday	BI 4.1 Lipids - Definition, Classification, Fatty acids, 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		PY2.11 Differential leucocyte count revision	
Nov:6 Wednesday	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)	
Nov:7 Thursday	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	
Nov:8 Friday	B I 3.1 Glycosaminoglycans, mucopolysaccharidosis, Blood group antigens(L)	PY5.3 Cardiac cycle : phases – atrial, ventricular (L)	AN14.2 Anatomy Osteology (L)- Femur	Dissection		Sports & ECA	

* November 9 – Second Saturday

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
Nov:11 Monday	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 circulationspecial features, functions regulation (L)	DOAP Anatomy Muscle Tissue	
Nov :12 Tuesday	BI 6.2-Nucleotide chemistry (L)	PY3.9 Molecular basis of smooth muscle contraction (L)	AN-Sciatic Nerve, Hamstring Muscles, Arterial anastamosis in back of Thigh	Dissection		PY 2.11Blood group, Bleeding time and Clotting time	
Nov :13 Wednesday	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 HDLcholesterol (Practical)	
Nov:14 Thursday	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 IM) muscular activity gradations, muscular dystrophy myopathies	Dissection		Practical	
Nov:15 Friday	BI3.2 Digestion and assimilation of carbohydrates and storage. (SGD)	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	Dissection		Sports & ECA	
Nov:16 Saturday	AN71.2 Anatomy Histology(L)-Cartilage	#Visit to Field and institutional visits				AETCOM (1.1)	

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
Nov:18 Monday	PY6.2 Respiratory membrane ,factors regulating rate of diffusion, diffusion capacity of lung (L)	BI3.4 Glycolysisdefinition, Reaction(SGD)	AN14.3 Anatomy Osteology (L)-Fibula	PY5.3 Cardiac cycle – volume changes in ventricles (L)	PY8.6Classification of hormones, regulation of hormone secretion (L)	DOAP Anatomy Cartilage Tissue	
Nov :19 Tuesday	BI 6.2 Purine catabolism: Hyperuricemia, Gout; Lesch Nyhan syndrome, Hypouricemia(L)(VI with IM)	PY8.6Mechanism of hormone action – steroid, protein, amine, second messengers(L)	AN14.4 Anatomy Osteology (L)-Patella (with Integration Ortho-Dislocation of Patella)	Dissection		PY2.11, 2.13 Blood indices Demonstration of reticulocyte and platelet counting	
Nov :20 Wednesday	AN18.4 Anatomy (L)-Knee Joint (with Integration OrthoExamination 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)	
Nov:21 Thursday	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	
Nov:22 Friday	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	
Nov:23 Saturday	AN69.1,2,3 Anatomy Histology (L)-Vascular tissue	#Visit to Field and institutional visits				AETCOM :1.4	

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
Nov:25 Monday	PY6.3 Transport of oxygen – oxygen haemoglobin dissociation curve(L)	BI 6.5 Water soluble – Vitamins – Riboflavin, Pyridoxine(SGD)	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	
Nov :26 Tuesday	BI 6.5 Pantothenic acid, Niacin, Biotin(SGD)	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		PY3.18 Amphibian muscle experiments	
Nov :27 Wednesday	AN78.2-5 Ana Embryology (L)- Trilaminar Germ disc	PY6.3 Transport of carbondioxide – different forms , carbondioxide dissociation curve (L)	BI 6.5 Water soluble – Vitamins – thiamine(SGD)	Dissection		BI11.11estimation of calcium & phosphorous (Practical)	
Nov:28 Thursday	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	
Nov:29 Friday	BI 6.5 Fat soluble – Vitamins – Vit A (SGD)	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		Sports & ECA	
Nov:30 Saturday	AN25.1 Anat Histology(L)- Trachea and Lungs	#Visit to Field and institutional visits				AETCOM :1.4	

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
Dec;2 Monday	PY8.2(ECE) Diabetes insipidus, effects of hypersecretion of ADH. Oxytocin – actions, regulation of secretion	BI 6.5 Fat soluble – Vitamins – Vit D(SGD)	AN13.2-8,20.10 Anat Embryology(L)-Development of Limbs and Dermatomes of lower limb	PY5.7Hemodynamics - organisation of vascular system (SGD)	PY*Regulation of respiration – neural: voluntary, automatic (L)	DOAP Anatomy Trachea and Lung	
Dec:3 Tuesday	BI8.1 Significance of dietary fibre , Glycemic index(SGD)	PY8.2 Thyroid gland – synthesis of thyroid hormone, transport, regulation of secretion (L)	AN80.3 Anat Embryology(L)-Formation and circulation of placenta	Dissection		PY 3.18 Amphibian heart experiments	
Dec:4 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. (SGD)	Dissection		BI11.12 estimation of serum bilirubin (Practical)	
Dec :5 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 (L)	Dissection		Practical	
Dec :6 Friday	BI8.2 - Protein energy malnutrition and its effects. (SGD)	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	
Dec :7 Saturday	SDL – ANATOMY						

* 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
Dec;9 Monday	ANATOMY FIRST SESSIONAL EXAMINATION						
Dec:10 Tuesday	SDL – PHYSIOLOGY						
Dec:11 Wednesday	PHYSIOLOGY FIRST SESSIONAL EXAMINATION						
Dec12 Thursday	SDL – BIOCHEMISTRY						
Dec :13 Friday	BIOCHEMISTRY FIRST SESSIONAL EXAMINATION						

* December 14 - Second Saturday

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
Dec: 16 Monday	PY*Regulation of respiration – chemical (L)	BI 6.5 Fat soluble – Vitamins – Vit E(SGD)	AN21.1 Anat Osteology(L)Sternum	PY8.2 9(ECE)Thyroid gland - hypo and hypersecretion of thyroid hormone	PY5.9 Blood pressure - intermediate and long term regulation (SGD)	Practical exams	
Dec:17 Tuesday	BI 6.5 Fat soluble – Vitamins – Vit K(SGD)	PY8.1 Bone physiology, calcium homeostasis (SGD)	AN21.3-11 Anatomy (L)- Thoracic wall	Dissection		Practical exams	
Dec:18 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(SGD)	Dissection		Practical exams	
Dec :19 Thursday	PY5.8Cardiova scular regulation – neural (L)	AN24.1 Anatomy (L)- Pleura (with ECE- Pleural Effusion)	PY*Regulation of respiration – chemical (L)	Dissection		Practical exams	
Dec :20 Friday	BI6.9 Calcium & phosphorus: metabolism, significance.(SGD)	PY*Regulation of respiration – ventilatory response to changes in pH,pO2 and pCO2 (L)	AN21.3 Anatomy (L) Thoracic Outlet and Applied anatomy	Dissection		Sports & ECA	
Dec :21 Saturday	AN24.1-5 Anatomy (L)- Lung I	#Visit to Field and institutional visits				AETCOM 1.4	

* Not included in the given competency by MCI * December 22-26 – Christmas holidays

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
Dec :27 Friday	BI6.10 Regulation of blood calcium and phosphorus level, Hypercalcaemia, Hypocalcaemia(L)	PY5.8 Cardiovascular regulation – humoral and local mechanism (L)	AN25.2 Anatomy (L) Development of Pleura and Lungs	Dissection		Sports & ECA	
Dec :28 Saturday	AN70.1 Anat Histology(L) - Lymphatic System I- IntroToLymphatic system,Lymph node and Thymus	CM 2.4 Describe social psychology, community behavior and community relationships and their impact on health and disease				AETCOM 1.4	

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
Dec: 30 Monday	PY6.6 Pathophysiology of dyspnoea and hypoxia. clinical features of hypoxia, classification of hypoxia (SGD)	BI 3.2, BI 3.3 Digestion & absorption of glucose, glucose transporters, ORS, Lactose intolerance(SGD)	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 – microcirculatio n, lymphatic. Coronary (L)	PY 8.2 (ECE)Parathyroid gland – hypo and hypesecrtion of hormone	DOAP Anatomy- Lymph Node and Thymus	
Dec:31 Tuesday	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		PY11.13 General examination	
Jan:1 Wednesday	AN22.2, 25.9 Anatomy (L) External features of heart and right atrium	PY8.2 Adrenal cortex -- glucocorticoids action (L)	BI 3.4 fate of pyruvate, PDH reaction, lactic acidosis with 2 examples(L)	Dissection		BI11.13 estimation of SGOT/ SGPT (Practical)	
Jan:2 Thursday	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	
Jan :3 Friday	BI 3.4 Gluconeogenesis ; definition, substrates, reactions & key enzymes(L)	PY 5.10 Regional circulation – foetal ,splanchnic (SGD)	AN23.3 Anatomy (L) IVC and Azygos venous system	Dissection		Sports & ECA	
Jan :4 Saturday	AN43.2,70.2 Anatomy Histology (L)-LymphaticsysII-Spleen and Tonsils	SDL - 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
Jan:6 Monday	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	
Jan :7 Tuesday	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		PY5.12 Blood pressure measurement	
Jan:8 Wednesday	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		BI11.14estimation of alkaline phosphatase (Practical)	
Jan:9 Thursday	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 (SGD)	Dissection		Practical	
Jan :10 Friday	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
Jan:13 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	PY 8.2 Adrenal cortexmineralocorticoids: actions. hypo & hypersecretio n (L)	PY 6.7 Lung function tests (SGD)	DOAP Anatomy Salivary gland	
Jan:14 Tuesday	BI 3.9 Regulation of blood glucose : fed & fasting state; organs involved(L)	PY7.1 Functional anatomy of kidney.. 7.2 Juxtaglomerular apparatus (L)	AN21.6,23.3 Anatomy (L)- Veins of Thorax	Dissection		PY 5.12Blood pressure measurement - revision	
Jan:15 Wednesday	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)	
Jan:16 Thursday	PY 7.2 Role of renin - angiotensin system, Renal circulation - special features, functions, 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	
Jan :17 Friday	BI 3.9, BI3.10 Diabetes mellitus: complications(SGD)	PY9.2 Physiology of puberty - onset, progression, stages (SGD)	AN25.4Anatomy (L) Anatomical basis of ASD,VSD,Fallot's tetralogy,Tracheooesophageal fistula	Dissection		PY8.2 Adrenal medulla - hormones & regulation(L)	PY8.4(HI with BI) Thyroid function tests
Jan :18 Saturday	AN72.1 Anatomy Histology (L)- Skin	Community medicine -Assessment of knowledge and skills				PY 9.3 Male reproductive system – spermatogenesis (L)	PY9.2 Physiology of puberty – abnormalities, psychological importance (SGD)

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
Jan:20 Monday	PY8.2 Adrenal medulla – actions of hormones (L)	BI3.9 3.10 Acute & chronic complications - laboratory diagnosis & monitoring (SGD)	AN23.6 Anatomy (L)- Splanchnic nerves, Sympathetic trunk	PY 7.3 Mechanism of urine formation. Glomerular filtration (L)	PY9.3 Factors regulating spermatogenesis, 9.9semen analysis (L)	DOAP Anatomy Skin	
Jan:21 Tuesday	BI3.10 GTT: indications, procedure, interpretation Hypoglycemia(L)	PY 9.3 and 9.5 Endocrine functions of testes, abnormalities in testicular function. 9.7 Effects of castration (SGD)	AN26.1,26.2 Osteology (L)- Normas except basalis	Dissection		PY 3.16– Harvard Step test	
Jan:22 Wednesday	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)	
Jan:23 Thursday	PY 7.3 Mechanism of urine formation. Glomerular filtration : factors regulating , measurement (L)	AN26.1,2,3,4 Anat Osteology (L)- Frontal,Parietal,Occipital,Mandible	PY 9.4 Female reproductive system – functional anatomy, functions of ovary, oogenesis (L)	Dissection		Practical	
Jan :24 Friday	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 BI) function testsadrenalcortex, pancreas
Jan :25 Saturday	AN43.2 Anatomy Histology (L)- Thyroid and parathyroid	BI4.2 Fatty acid oxidation, odd chain fatty acid & fate of propionyl CoA (L)	PY8.2 Endocrine pancreas - insulin – diabetes mellitus (L)	Dissection		ECE – Biochemistry - Diabetes mellitus Self monitoring	

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
Jan:27 Monday	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 9.5Estrogen and progesterone- synthesis, functions, regulation (L)	DOAP Anatomy Thyroid and parathyroid	
Jan:28 Tuesday	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		PY 5.13 ECG	
Jan:29 Wednesday	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		BI11.16 use of commonly used equipments/techniques in biochemistry laboratory (Demonstration)	
Jan:30 Thursday	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	
Jan :31 Friday	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 (SGD)	PY 8.3 Pineal gland -regulation and actions of hormones (SGD)
Feb:1 Saturday	AN43.2,52.1 Anatomy Histology(L)- Suprarenal and Pituitary	BI4.3Lipoprotein 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	34pm
Feb:3 Monday	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 BI) (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	
Feb:4 Tuesday	BI4.4 , BI4.5 , BI4.7 Lipid Storage Disorders Atherosclerosis, obesity(SGD)	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		PY3.14 Ergography	
Feb:5 Wednesday	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)	
Feb:6 Thursday	PY10.1(HI with AN) Organisation of nervous system (L)	AN43.2 Anatomy Histology(L) - Retina & Cornea	PY 9.8 Physiological changes in mother during pregnancy (SGD)	Dissection		Practical	
Feb:7 Friday	BI5.3 Digestion and absorption of amino acid, Nitrogen balance, PEM(SGD)	PY 10.2(HI with anatomy)Synapse - functions, potentials	AN30.2 Anatomy (L) Norma Basalis, Foramen and structures passing through them	Dissection		P Y7.4 Renal clearance, clinical importance, measurement. (L)	PY7.3(SGD)glomerular filtration

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
Feb:10 Monday	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 BI) 1.7) regulation of fluid and electrolytes	PY 10.2 Synapse - properties (L)	DOAP Anatomy- Suprarenal and Pituitary gland	
Feb:11 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		PY 5.15 Examination of cardiovascular system	
Feb:12 Wednesday	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(SGD)	Dissection		BI11.16 use of commonly used equipments/techniques in biochemistry laboratory (Demonstration)	
Feb:13 Thursday	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 ECEDislocation)	PY 9.8 Lactation - development of breast, prolactin , phases of lactation (L)	Dissection		Practical	
Feb:14 Friday	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 branches, Ansa Cervicalis	Dissection		PY 7.6 Urinary bladder - innervation, physiology of micturition and abnormalities. 7.9 : cystometrogram (L)	PY10.2 Receptors – potentials, properties (L)
Feb:15 Saturday	AN64.1 Anatomy Histology(L)- Cerebrum, Cerebellum and Spinal Cord	BI5.5 Sulphur containing amino acid metabolism, inborn errors(L)	PY 10.3 Spinal cord – structure, tracts (L)	Dissection		PY9.6 (VI with O&G/ community medicine) Contraceptive methods , natural methods	PY (SGD) Hormonal regulation of menstrual cycle

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
Feb:17 Monday	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	
Feb:18 Tuesday	BI6.13,6.14,6.15 RFT(HI with physiology) (SGD)	PY 9.11(VI with O&G) Hormonal changes during perimenopause, menopause.9.12Infertility – causes, IVF	AN35.2 Anatomy (L)- Thyroid gland	Dissection		PY 6.9 Examination of respiratory system	
Feb:19 Wednesday	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(SGD)	Dissection		BI11.17 Basis and rationale of biochemical tests done in clinical conditions (SGD) (HI IM& PA)	
Feb:20 Thursday	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	
Feb:22 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	

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
Feb:24 Monday	PY10.3Modulation 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 BI) composition of salivary juice, 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	
Feb:25 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		PY4.10Examination of GIT	
Feb:26 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)	
Feb:27 Thursday	PY5.10 Cerebral circulation (SGD)	AN38.1,2,3 Anatomy (L)- Larynx (with ECE- Ca Larynx)	PY 10.7 Thalamus : anatomy, nuclei, connections, functions, thalamic syndrome (SGD)	Dissection		Practical	
Feb:28 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) synapse
Feb:29 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
March : 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 AN) 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	
Mar: 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		PY6.8, 6.10 Spirometry and PEFR	
Mar:4 Wednesday	AN32.2,39.1,34.1&35. 7&39.1Anatomy (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. (SGD)	Dissection		BI11.17 Basis and rationale of biochemical tests done in clinical conditions (SGD) (VI IM, PA)	
Mar: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	
Mar;6 Friday	BI3.6 Electron transport chain(L)	PY7.8 (HI with biochemistry) Renal function tests	AN35.7 Anatomy (L) Course & branches of 9th, 10th ,11th and 12th Cranial nerves	Dissection		Sports & ECA	
March:7 Saturday	AN52.2 Anatomy Histology (L)-Ovary, Fallopian tube	PY 10.2 Withdrawal reflex. 10.4 descending tracts (L)	AN35.5Anatomy (L)-Lymphnodes of head and neck (ECE- matted lymphnodes TB)	Dissection		AETCOM :1.2	

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
March :9 Monday	PY 10.4 (ECE) Pyramidal tract and lesions	BI3.6 TCA cycle as an amphibolic pathway, its regulation. (L)	AN64.2Anatomy (L)- Introduction to brain. Development of CNS	PY - FA on renal physiology	PY - FA on renal physiology	DOAP Anatomy Ovary and Fallopian tube	
Mar;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 (ECE- Lumbar puncture)	Dissection		PY10.11Examination of sensory system	
Mar: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) (VI with IM, PA)	
Mar: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	
Mar;13 Friday	BI6.13 Liver function tests(SGD)	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		Sports & ECA	

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
March :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 (SGD)	PY10.7 Basal ganglia – organisation (L)	DOAP Anatomy Uterus and Placenta	
Mar;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		PY10.11Examination of motor system	
Mar:18 Wednesday	AN60.1,2,3,AN63.1, 2 Anatomy (L)- Cerebellum and 4th Ventricle	PY10.7 Basal ganglia – connections and functions (L)	BI6.2, 6.3, Nucleotide chemistry & metabolism (L)	Dissection		BI11.18 Principles of spectrophotometry (SGD)	
Mar:19 Thursday	PY10.5 Autonomic nervous system – functions (SGD)	AN61.1,2,3 Anatomy (L)- Midbrain	PY 4.7 and 4.2Gall bladder – bile composition, secretion (L)	Dissection		Practical	
Mar;20 Friday	BI6.2, 6.3, Nucleotide chemistry & metabolism(VI with IM) (L)	PY10.4 Posture and equilibrium (L)	AN62.2 Anatomy (L)- Sulci, Gyri and Functional areas of cerebrum	Dissection		Sports & ECA	
March: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	

SECOND SESSIONALEXAMINATIONS

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
March :23 Monday	ANATOMY SECOND SESSIONALEXAMINATIONS (3HRS)						
Mar;24 Tuesday	SDL –PHYSIOLOGY						
Mar:25 Wednesday	PHYSIOLOGY SECOND SESSIONAL EXAMINATIONS (3HRS)						
Mar:26 Thursday	SDL-BIOCHEMISTRY						
Mar;27 Friday	BIOCHEMISTRY SECOND SESSIONAL EXAMINATIONS (3HRS)						
March:28 Saturday	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
March :30 Monday	PY10.7 Cerebellum - connections (L)	BI7.1 Structure and functions of DNA and RNA(L)	AN62.3Anatomy (L)- White matter and internal capsule	PY 10.5Reticular activating system (SGD)	P 4.2 Small intestine – anatomy, secretions and functions of intestinal juice (SGD)	Practical exams	
Mar;31 Tuesday	BI7.1 Cell Cycle(L)	PY10.4 Vestibular apparatus – functional anatomy, receptors, pathways (SGD)	AN62.4Anatomy (L)-Basal Ganglia with ECE parkinsonism)	Dissection		Practical exams	
April:1 Wednesday	AN62.5 Anatomy (L)- Thalamus	PY10.7 Cerebellum - functions (L)	BI7.2 Replication & repair of DNA(L).	Dissection		Practical exams	
April:2 Thursday	PY 4.2 Large intestine – anatomy, secretions and functions, intestinal flora (L)	AN 73.1,2,3 Anatomy (L)- GENETICSI	PY(ECE)10.7 Cerebellum - disorders	Dissection		Practical exams	
April;3 Friday	BI7.2 Replication & repair of DNA(L)	PY 10.4 Vestibular apparatus - mechanism of functioning, reflexes, motion sickness, Meniere's disease(SGD)	AN62.4,5 Anatomy (L) Xray and CT of the Head and Neck	Anatomy-ECE-Genetics Lab		Sports & ECA	
APRIL:4 Saturday	AN52.2Anatomy 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	

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
April: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 (SGD)	DOAP Anatomy Mammary gland and Umbilical cord	
April: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		PY10.11 Examination of cranial nerves I to VI	
April: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
April:15 Wednesday	AN 44.4,5 Anatomy (L)-Inguinal canal, spermatic cord and descent of testes(ECE Inguinal Hernia and Repair)	PY 10.13(VI withENT) 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)
April:16 Thursday	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	
April;17 Friday	BI7.3 Regulation of gene expression. (L)	PY 10.17 (VI with Ophthalmology)Vision – functional anatomy	AN44.7,4Anatomy (L) Common Abdominal incisions,Umbilical ligaments,Hesselbach's Traiangle(ECE Keyhole Surgeries,Weeping Umbilicus)	Dissection		Sports & ECA	
APRIL:18 Saturday	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	23p m	3-4pm
April:20 Monday	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 & absorption of nutrients (SGD)	PY4.7 (ECE/ SGD) Obstructive jaundice – Hospital visit	DOAP Anatomy Oesophagus and Tongue	
April:21 Tuesday	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(ECECirrhosis of Liver)	Dissection		PY 10.11 Examination of cranial nerves VII to XII	
April:22 Wednesday	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) (SGD)	Dissection		BI11.20 Abnormal constituents in urine, interpret the findings and correlate these with pathological states.(DOAP)	
April:23 Thursday	PY 10.17 Optics, image formation (SGD)	AN47.6,7Anatomy (L)- Spleen and Extrahepatic biliary apparatus (ECE ObstructiveJaundice)	PY4.8 (HI with biochemistry) Liver function tests	Dissection		Practical	
April;24 Friday	BI 6.13, 6.14, 6.16 Liver function test (HI with physiology) (SGD)	PY 10.17(ECE) Errors of refraction and correction	AN45.1,2,3 Anatomy (L) Lumbar Plexus Thoracolumbar Fascia,Erector Spinae muscle	Dissection		Sports & ECA	
APRIL:25 Saturday	AN52.1 Anat Histology (L)-Stomach fundus & 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
April:27 Monday	PY 4.5 GIT hormones (SGD)	BI 7.4 Molecular biology techniques: Blotting, PCR(SGD, ECE)	AN47.8 Anatomy (L)- Development of portal vein and Inferior venacava	PY4.9 (HI with biochemistry, VI with general medicine) Physiological aspects of peptic ulcer , reflux disease, vomiting, diarrhoea, constipation	PY4.9 Adynamic ileus , Hirschsprung's disease (SGD)	DOAP Anatomy Stomach Fundus and Pylorus	
April28 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 ECEPancreatitis)	Dissection		PY10.11 Examination of reflexes	
April:29 Wednesday	AN52.6 Anatomy (L)- Development of GIT II	PY 4.5 GIT hormones – regulation , functions 4.6 Gut – brain axis (SGD)	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)	
April:30 Thursday	PY10. 9(VI with Psychiatry) Speech – development, speech centres, aphasia	AN47.13,14,&52.5 Anatomy (L)- Diaphragm	PY10.17,10.18Proce ssing of visual image , visual pathway, lesions (L)	Dissection		Practical	
May:2 Saturday	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
May:4 Monday	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	
May:5 Tuesday	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		PY10.11, 4.10, 5.15, 6.9 Revision – Motor, sensory, reflexes, CVS, RS, GIT, cranial nerves	
May:6 Wednesday	AN53.1,2,3,4 Anatomy Osteology(L)- Sacrum	PY10.15 Auditory pathway (L)	BI6.9, 6.10 Metabolism of Copper, fluoride, Zinc, Selenium(SGD)	Dissection		BI11.21 Estimation of glucose, creatinine, urea and total protein in serum. (DOAP)	
May:7 Thursday	PY10.15 Physiology of hearing , conduction of sound waves (L)	AN52.1 Anatomy Histo (L)- Large intestine, appendix	PY 10.17 Visual perception. Colour vision theories (L)	Dissection		Practical	
May:8 Friday	BI6.9, 6.10 Metabolism of Magnesium, Manganese, Sodium, Potassium(SGD)	PY10.17 Colour vision – colour blindness (L)	AN77.4,AN78.1,2,3- Anatomy Revision (L) Fertilization, Blastocyst, Trophoblast, Implantation 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
May:11 Monday	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	
May:12 Tuesday	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		PY3.15Cardiorespiratory changes to different grades of exercise	
May:13 Wednesday	AN 48.1,5,6 Anatomy(L) -Urinary bladder (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)	
May:14 Thursday	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		Practical	
May:15 Friday	BI10.2 Tumor markers(L)	PY10.12(VI with Psychiatry/ECE) SGD – EEG – normal forms	AN78.4Anatomy Revision (L)Extraembryonic mesoderm and coelom,Bilaminar disc, Prochordal plate	Dissection		Sports & ECA	
May:16 Saturday	AN52.1 Anat Histology (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
May:18 Monday	PY0.16 (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 ECEHaemorrhoids)	PY 11.1 Physiology of skin (SGD)	PY11.1 , 11.2 Mechanism of temperature regulation & adaptations(SGD)	DOAP Anatomy Liver and Gall bladder	
May:19 Tuesday	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 (ECE- Renal Colic)	Dissection		PY . Seminar	
May:20 Wednesday	AN52.7 Anatomy Embryol (L)- Development of Urinary system	PY 11.3 Mechanism of fever, cold injuries, heat stroke (SGD)	BI6.7 Maintenance of normal pH, and associated derangements. (L) VI with IM	Dissection		BI11.21 Estimation of glucose, creatinine, urea and total protein in serum. (DOAP)	
May:21 Thursday	PY11.4 Cardio respiratory and metabolic adjustments during exercise (SGD)	AN52.8,46.5 Anatomy Embryol (L)- Development of male reproductive system	PY11.5 Sedentary life style and effects on health (SGD)	Dissection		Practical	
May:22 Friday	BI6.8 Arterial Blood Gas (ABG) analysis in various disorders.(SGD)	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	
May:23 Saturday	AN52.2Anatomy Histology(L)- Kidney, Ureter and Urinary bladder	PY11.7Physiology of aging , theories of aging (SGD)	AN79.4,5Anatomy Revision (L) Intraembryonic Mesoderm,Somites,Intra embryonic coelom, Neural tube defects	Dissection		Formative Assessment & feedback - Biochemistry	

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
May:25 Monday	PY11.7 Aging – free radicals, antioxidants (SGD)	BI6.9, BI6.10 Metabolism of iodine (SGD)	AN52.8 Anatomy Embryology (L)- Development of female reproductive system	FA on special senses	FA on special senses	DOAP Anatomy Kidney, Ureter and Urinary bladder	
May:26 Tuesday	BI6.13, 6.14 Thyroid function tests(L)	PY 11.8 Cardio respiratory changes in exercise (SGD)	AN 48.3,4 Anatomy (L)- Internal iliac artery Sacral plexus	Dissection		PY Seminar	
May:27 Wednesday	ANA54.1,2, Anatomy (L)- Plane and contrast Xrays Abdomen	PY 11.8 Cardio respiratory changes under different environmental conditions (SGD)	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)	
May:28 Thursday	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	
May:29 Friday	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	
May:30 Saturday	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 Dizygoitic 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
June:1 Monday	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, Anastamosis around the scapula and elbow,Lumbricals, Interossei	PY11.9, 11.10 SGT(VI with Pediatrics/ECE) Interpretation of growth charts, anthropometric assessment of infants - Hospital visit	PY11.9, 11.10 SGT(VI with Pediatrics) Interpretation of growth charts, anthropometric assessment of infants - Hospital visit	General Histology Slide - Revision(SDL)	
June:2 Tuesday	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)		PY Seminar	
June:3 Wednesday	Anatomy Class Test- Upper Limb	PY- SGD on descending tracts	Arterial Blood Gas (ABG) analysis in various disorders(ECE)	Dissection- Upper Limb Revsion (SDL)		BI11.22 Albumin: globulin (AG) ratio and creatinine clearance (SGD) (VI General Medicine)	
June:4 Thursday	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	
June:5 Friday	BI6.8 Arterial Blood Gas (ABG) analysis in various disorders(ECE)	PY-SGD on Parathyroid gland	Dissection- Lower Limb Revision (SDL)			Sports & ECA	
June:6 Saturday	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
June:8 Monday	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	
June:9 Tuesday	BI 8.2 Serum protein electrophoresis (ECE)	PY-SGD on adrenal medulla	Anatomy SGD- Pleura	Dissection- Thorax Specimen Revision(SDL)		PY Seminar	
June:10 Wednesday	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)	
June:11 Thursday	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	
June:12 Friday	BI 11.16 DNA isolation (L)(ECE)	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
June:15 monday	PY-SGD on male reproductive system	BI 8.5 Nutritional importance of commonly used food items (SGD) (VI Community medicine)	Anatomy Revision (L) Thyroid, Pharynx, Larynx	PY-SGD on Female reproductive system	PY-SGD on Female reproductive system	Radiological Anatomy Revision	
June:16 Tuesday	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 Seminar	
June:17 Wednesday	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	
June:18 Thursday	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)	
June:19 Friday	Biochemistry FA:MCQ	PY-SGD on nerve action potentials and properties	Dissection- NeuroAnatomy Specimen Revision(SDL)			Sports & ECA	
June:20 Saturday	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	

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
June:22 monday	PY-(ECE) SGD on ECG interpretation	Biochemistry Spotters(SGD)	Anatomy Rivision(L)- Stomach, Duodenum,Liver , Spleen, Pancreas,Caecu m and Appendix	PY-PBL on myocardial infarction	PY - PBL on myocardi al infarctio n	Surface Anatomy Revision	
June:23 tuesday	Biochemistry Spotters(SGD)	PY-SGD on WBC – cell mediated and humoral immunity	Anatomy SGD- Portal Hypertension	Dissection- Abdomen specimen Revision(SDL)		Practical	
June:24 Wednesday	Anatomy Class Test- Abdomen	PY-SGD on blood group, Rh incompatability, blood transfusion	BI9.2 functions and components of extracellular matrix,compone nts in health and disease(ECE)	Dissection-- Abdomen specimen Revision(SDL)		ECE - Antigen and vaccine development (VI Pathology, Microbiology, Paediatrics)	
June:25 Thursday	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	
June:26 Friday	BI 9.3 Protein targeting & sorting with its associated disorders (L)	PY-SGD on pressure changes in normal respiration	Dissection- Pelvis and Perineum Specimen Revision(SDL)			Sports & ECA	
June:27 Saturday	Anatomy Class Test- Pelvis and Perineum.	PY-SGD on normal spirogram, compliance	Anatomy-SGD Anatomical basis of Prolapse of Uterus	Surface Anatomy- Viva		FA and feedback - Biochemistry	

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
June:29 monday	PY-CBL on circulatory shock	Overview of university exam- Biochemistryinstructions(SGD)	Anatomy SGD- Anatomy Exam Orientation and Previous Question Paper Discussion	PY-CBL on circulatory shock	PY-CBL on circulatory shock	Practical revision	
June:30 tuesday	Overview of university exam- Biochemistryinstructions(SGD)	PY-SGD on tubular reabsorption – Na, glucose - Overview of university exam	Anatomy SGD- Anatomy Exam Orientation and Previous Question Paper Discussion	Dissection Revision(SDL)		Practical revision	
July:1 Wednesday To July 09 Thursday	Revision Anatomy, Physiology, Biochemistry						
July:10 Friday	SDL - ANATOMY						

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
July:13 Monday	Anatomy paper -1 –FINAL SESSIONAL EXAMINATIONS (3HRS)						
July:14 Tuesday	SDL -ANATOMY						
July:15 Wednesday	Anatomy paper-11 –FINAL SESSIONAL EXAMINATIONS (3HRS)						
July:16 Thursday	SDL-PHYSIOLOGY						
July:17 Friday	Physiology paper-1 –FINAL SESSIONAL EXAMINATION _(3HRS)						
JULY:18 SATURDAY	SDL-PHYSIOLOGY						

FINAL SESSIONAL EXAMINATIONS

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
July:20 Monday	Physiology paper -2 –FINAL SESSIONAL EXAMINATIONS (3HRS)						
July:21 Tuesday	SDL-BIOCHEMISTRY						
July:22 Wednesday	Biochemistry paper -1 -FINAL SESSIONAL EXAMINATIONS(3HRS)						
July:23 Thursday	SDL –BIOCHEMISTRY						
July:24 Friday	Biochemistry paper -2 –FINAL SESSIONAL EXAMINATIONS (3HRS)						
July:25 Saturday	SDL anatomy						

Day	8-9 am	9-10am	10-11 am	11-12am	12-1 pm	2-3pm	3-4pm
July:27 Monday	SDL anatomy						
July:28 Tuesday	PRACTICAL AND VIVA EXAMINATION (5HRS)						
July:29 Wednesday	PRACTICAL AND VIVA EXAMINATION (5HRS)						
July:30 Thursday	PRACTICAL AND VIVA EXAMINATION (5HRS)						
July:31 Friday	PRACTICAL AND VIVA EXAMINATION (5HRS)						
August : Saturday	AUG STUDY LEAVE FOR UNIVERSITY EXAMS						

Teaching hours

Subject	Theory	Small gp /integr/prac	SDL	total
Anatomy	218	415	40	673
Physiology	160	199 + 120 (p)	28	507
Biochemistry	89	156	28	273

Total: hrs 1453

Community medicine: 52

Sports: 60

Aetcom: 35

ECE 90

EXAMS 80

Total hrs 1766

PRACTICAL TIME TABLE - PHYSIOLOGY

DATE	DAY	BATCH	PRACTICAL
04/ 09/2019	Wednesday	B	Microscope examination
05/ 09/2019	Thursday	A	Microscope examination
06/ 09/2019	Friday	D	Microscope examination
07/ 09/2019	Saturday	C	Microscope examination

DATE	DAY	BATCH	FREE BATCH	PRACTICAL
16/ 09/2019	Monday	B	D - Seminar	ME of blood & osmotic fragility
17/ 09/2019	Tuesday	A	C – Seminar	ME of blood & osmotic fragility
18/ 09/2019	Wednesday	D	B- Seminar	ME of blood & osmotic fragility

19/ 09/2019	Thursday	C	A- Seminar	ME of blood & osmotic fragility

DATE	DAY	BATCH	PRACTICAL
23/ 09/2019	Monday	B	PCV, ESR –demo , Neubaur chamber
24/ 09/2019	Tuesday	A	PCV, ESR –demo , Neubaur chamber
25/ 09/2019	Wednesday	D	PCV, ESR –demo , Neubaur chamber
26/ 09/2019	Thursday	C	PCV, ESR –demo , Neubaur chamber

DATE	DAY	BATCH	PRACTICAL
30/ 09/2019	Monday	B	RBC counting
01/10/2019	Tuesday	A	RBC counting
03/10/2019	Thursday	D	RBC counting
04/10/2019	Friday	C	RBC counting

DATE	DAY	BATCH	FREE BATCH	PRACTICAL
14/ 10/2019	Monday	B	D- Seminar	Haemoglobin Examination
15/ 10/2019	Tuesday	A	C -Seminar	Haemoglobin Examination
16/ 10/2019	Wednesday	D	B- Seminar	Haemoglobin Examination
17/ 10/2019	Thursday	C	A- Seminar	Haemoglobin Examination

DATE	DAY	BATCH	PRACTICAL
21/ 10/2019	Monday	B	WBC counting
22/ 10/2019	Tuesday	A	WBC counting

23/ 10/2019	Wednesday	D	WBC counting
24/ 10/2019	Thursday	C	WBC counting

DATE	DAY	BATCH	PRACTICAL
28/10/2019	Monday	B	Differential leucocyte count
29/10/2019	Tuesday	A	Differential leucocyte count
30/10/2019	Wednesday	D	Differential leucocyte count
31/10/2019	Thursday	C	Differential leucocyte count

DATE	DAY	BATCH	FREE BATCH	PRACTICAL
04/11/2019	Monday	B	D - Seminar	DLC –Revision
05/11/2019	Tuesday	A	C – Seminar	DLC –Revision
06/11/2019	Wednesday	D	B- Seminar	DLC –Revision
07/11/2019	Thursday	C	A- Seminar	DLC –Revision

DATE	DAY	BATCH	PRACTICAL
11/11/2019	Monday	B	Bldgp, BT, CT
12/11/2019	Tuesday	A	Bldgp, BT, CT
13/11/2019	Wednesday	D	Bldgp, BT, CT
14/11/2019	Thursday	C	Bldgp, BT, CT

DATE	DAY	BATCH	PRACTICAL
18/11/2019	Monday	B	Blood Indices, Reticulocyte & Platelet counting
19/11/2019	Tuesday	A	Blood Indices, Reticulocyte & Platelet counting
20/11/2019	Wednesday	D	Blood Indices, Reticulocyte & Platelet counting
21/11/2019	Thursday	C	Blood Indices, Reticulocyte & Platelet counting

DATE	DAY	BATCH	FREE BATCH	PRACTICAL
25/11/2019	Monday	B	D - Amphibian muscle experiments	Amphibian muscle experiments
26/11/2019	Tuesday	A	C – Amphibian muscle experiments	Amphibian muscle experiments
27/11/2019	Wednesday	D	B- Amphibian muscle experiments	Amphibian muscle experiments
28/11/2019	Thursday	C	A- Amphibian muscle experiments	Amphibian muscle experiments

DATE	DAY	BATCH	PRACTICAL
02/12/2019	Monday	B	Amphibian heart experiments
03/12/2019	Tuesday	A	Amphibian heart experiments
04/12/2019	Wednesday	D	Amphibian heart experiments
05/12/2019	Thursday	C	Amphibian heart experiments

DATE	DAY	BATCH	PRACTICAL
16/12/2019	Monday	B	Practical Exams
17/12/2019	Tuesday	A	Practical Exams
18/12/2019	Wednesday	D	Practical Exams
19/12/2019	Thursday	C	Practical Exams

DATE	DAY	BATCH	FREE BATCH	PRACTICAL
30/12/2019	Monday	B	D - Seminar	General examination
31/12/2019	Tuesday	A	C –Seminar	General examination
01/01/2020	Wednesday	D	B- Seminar	General examination
02/01/2020	Thursday	C	A- Seminar	General examination

DATE	DAY	BATCH	PRACTICAL
06/01/2020	Monday	B	BP Examination
07/01/2020	Tuesday	A	BP Examination
08/01/2020	Wednesday	D	BP Examination
09/01/2020	Thursday	C	BP Examination

DATE	DAY	BATCH	PRACTICAL
13/01/2020	Monday	B	BP Revision
14/01/2020	Tuesday	A	BP Revision
15/01/2020	Wednesday	D	BP Revision
16/01/2020	Thursday	C	BP Revision

DATE	DAY	BATCH	FREE BATCH	PRACTICAL
20/01/2020	Monday	B	D - Seminar	STEP Test
21/01/2020	Tuesday	A	C – Seminar	STEP Test
22/01/2020	Wednesday	D	B- Seminar	STEP Test
23/01/2020	Thursday	C	A- Seminar	STEP Test

DATE	DAY	BATCH	PRACTICAL
27/01/2020	Monday	B	ECG
28/01/2020	Tuesday	A	ECG
29/01/2020	Wednesday	D	ECG
30/01/2020	Thursday	C	ECG

DATE	DAY	BATCH	PRACTICAL
03/02/2020	Monday	B	Ergography
04/02/2020	Tuesday	A	Ergography
05/02/2020	Wednesday	D	Ergography
06/02/2020	Thursday	C	Ergography

DATE	DAY	BATCH	FREE BATCH	PRACTICAL
10/02/2020	Monday	B	D - Seminar	CVS Examination
11/02/2020	Tuesday	A	C – Seminar	CVS Examination
12/02/2020	Wednesday	D	B- Seminar	CVS Examination
13/02/2020	Thursday	C	A- Seminar	CVS Examination

DATE	DAY	BATCH	PRACTICAL
17/02/2020	Monday	B	Respiratory system Examination
18/02/2020	Tuesday	A	Respiratory system Examination
19/02/2020	Wednesday	D	Respiratory system Examination
20/02/2020	Thursday	C	Respiratory system Examination

DATE	DAY	BATCH	PRACTICAL
24/02/2020	Monday	B	GIT Examination
25/02/2020	Tuesday	A	GIT Examination
26/02/2020	Wednesday	D	GIT Examination
27/02/2020	Thursday	C	GIT Examination

DATE	DAY	BATCH	FREE BATCH	PRACTICAL
02/03/2020	Monday	B	D - Seminar	SPIRO & PEFR
03/03/2020	Tuesday	A	C – Seminar	SPIRO & PEFR
04/03/2020	Wednesday	D	B- Seminar	SPIRO & PEFR
05/03/2020	Thursday	C	A- Seminar	SPIRO & PEFR

DATE	DAY	BATCH	PRACTICAL
09/03/2020	Monday	B	Sensory system Examination
10/03/2020	Tuesday	A	Sensory system Examination
11/03/2020	Wednesday	D	Sensory system Examination
12/03/2020	Thursday	C	Sensory system Examination

DATE	DAY	BATCH	PRACTICAL
16/03/2020	Monday	B	Motor system Examination
17/03/2020	Tuesday	A	Motor system Examination
18/03/2020	Wednesday	D	Motor system Examination
19/03/2020	Thursday	C	Motor system Examination

DATE	DAY	BATCH	PRACTICAL
30/03/2020	Monday	B	Practical Exams
31/03/2020	Tuesday	A	Practical Exams
01/04/2020	Wednesday	D	Practical Exams
02/04/2020	Thursday	C	Practical Exams

DATE	DAY	BATCH	FREE BATCH	PRACTICAL
06/04/2020	Monday	B	D - Seminar	Cranial Nerve Examination I –VI
07/04/2020	Tuesday	A	C – Seminar	Cranial Nerve Examination I –VI
08/04/2020	Wednesday	D	B- Seminar	Cranial Nerve Examination I –VI
16/04/2020	Thursday	C	A- Seminar	Cranial Nerve Examination I –VI

DATE	DAY	BATCH	PRACTICAL
20/04/2020	Monday	B	Cranial Nerve Examination VII – XII
21/04/2020	Tuesday	A	Cranial Nerve Examination VII – XII
22/04/2020	Wednesday	D	Cranial Nerve Examination VII – XII
23/04/2020	Thursday	C	Cranial Nerve Examination VII – XII

DATE	DAY	BATCH	PRACTICAL
27/04/2020	Monday	B	Examination of Reflexes
28/04/2020	Tuesday	A	Examination of Reflexes
29/04/2020	Wednesday	D	Examination of Reflexes
30/04/2020	Thursday	C	Examination of Reflexes

DATE	DAY	BATCH	FREE BATCH	PRACTICAL
04/05/2020	Monday	B	D - Seminar	Revision – Motor, sensory , Reflexes, CVS, Resp, GIT, Cr. Nerves
05/05/2020	Tuesday	A	C – Seminar	Revision – Motor, sensory , Reflexes, CVS, Resp, GIT, Cr. Nerves
06/05/2020	Wednesday	D	B- Seminar	Revision – Motor, sensory , Reflexes, CVS, Resp, GIT, Cr. Nerves
07/05/2020	Thursday	C	A- Seminar	Revision – Motor, sensory , Reflexes, CVS, Resp, GIT, Cr. Nerves

DATE	DAY	BATCH	PRACTICAL
11/05/2020	Monday	B	Cardiorespiratory changes to different grades of exercise
12/05/2020	Tuesday	A	Cardiorespiratory changes to different grades of exercise
13/05/2020	Wednesday	D	Cardiorespiratory changes to different grades of exercise
14/05/2020	Thursday	C	Cardiorespiratory changes to different grades of exercise

DATE	DAY	BATCH	PRACTICAL
18/05/2020	Monday	B	Seminar
19/05/2020	Tuesday	A	Seminar
20/05/2020	Wednesday	D	Seminar
21/05/2020	Thursday	C	Seminar

DATE	DAY	BATCH	FREE BATCH	PRACTICAL
25/05/2020	Monday	B	D –Seminar	Seminar
26/05/2020	Tuesday	A	C –Seminar	Seminar
27/05/2020	Wednesday	D	B- Seminar	Seminar
28/05/2020	Thursday	C	A- Seminar	Seminar

DATE	DAY	BATCH	PRACTICAL
01/06/2020	Monday	B	Seminar
02/06/2020	Tuesday	A	Seminar
03/06/2020	Wednesday	D	Seminar
04/06/2020	Thursday	C	Seminar

DATE	DAY	BATCH	PRACTICAL
08/06/2020	Monday	B	Seminar
09/06/2020	Tuesday	A	Seminar
10/06/2020	Wednesday	D	Seminar
11/06/2020	Thursday	C	Seminar

DATE	DAY	BATCH	FREE BATCH	PRACTICAL
15/06/2020	Monday	B	D –Seminar	Seminar
16/06/2020	Tuesday	A	C – Seminar	Seminar
17/06/2020	Wednesday	D	B- Seminar	Seminar
18/06/2020	Thursday	C	A- Seminar	Seminar

DATE	DAY	BATCH	PRACTICAL
22/06/2020	Monday	B	Seminar
23/06/2020	Tuesday	A	Seminar
24/06/2020	Wednesday	D	Seminar
25/06/2020	Thursday	C	Seminar

Community medicine - # Visit to field &institutional visits

Learning Objectives:

PHC/Family study-CM2.1 Describe the steps and perform clinico socio-cultural and demographic assessment of the individual, family and community (field Visit)

Records Library – Importance of good record keeping, ICD classification, coding & Retrieving

Lab – Specimen receiving, specimen handling, Maintenance of records, issue of results

Pharmacy – Prescription – legibility & clarity, Instructions on how to keep & administer packing

Blood Bank – Donor selection, Collection of blood, Screening of blood, Storage, Grouping & Cross matching

Casualty – Registering at OP & Casualty, Information counter, Patient greeting, History taking, Examination, Diagnosis, prescribing instructions**CSSD –** sterilization procedure, monitoring,supply

IP/Ward Management/Injection safety – Bed making,nurses chart,waste management,colour coding system

SCEDULE OF POSTING

	19/10/19	**26/10/19**	**02/11/19**	**16/11/19**	**23/11/19**	**30/11/19**	**21/12/19**
CSSD	**A**	**B**	**C**	**D**	**E**	**F**	**G**
Pharmacy	**B**	**C**	**D**	**E**	**F**	**G**	**A**
Lab /Blood Bank	**C**	**D**	**E**	**F**	**G**	**A**	**B**
PHC/Family study	**D**	**E**	**F**	**G**	**A**	**B**	**C**
Casualty	**E**	**F**	**G**	**A**	**B**	**C**	**D**
IP/Ward management	**F**	**G**	**A**	**B**	**C**	**D**	**E**
MRD/Museum	**G**	**A**	**B**	**C**	**D**	**E**	**F**

Division of students

Batch	A	B	C	D	E	F	G
Roll No	1 to 14	15 to 29	30 to 44	45 to 59	60 to 73	74 to 87	88 to100