Time Table for 1st MBBS (Phase 1) Students

ICARE Institute of Medical Sciences & Research& Dr BC Roy Hospital, Haldia

Days	9-10AM	10-11AM	11-12 PM	12-1.30 PM	1.30-2.30 PM	2.30-4 PM	4- 5 PM
Monday 2/9/19	Anatomy Lecture- AN-1.1. Demonstrate anatomical position, various planes, relation, comparison, laterality & movement in our body	Anatomy Lecture AN-1.2 Describe composition of bone and bone marrow	AETCOM tutorial **Module 1.1: What does it mean to be a doctor?**	Practical : A: Histo- introduction of microscope. B:Biochem Principles of testing Universal protection C: Physio: Study of microscope	**R**	Dissection(DOAP) AN-1.1. Demonstrate normal anatomical position, various planes, relation, comparison, laterality & movement in our body	Tutorial Anatomy AN 2.2. Enumerate laws of ossification
Tuesday 3/9/19	Physio Lecture PY 1.1. Describe the structure and functions of a mammalian cell	Physio Lecture PY 1.2 Describe and discuss the principles of homeostasis	Tutorial Biochem. Batch I Carbohydrate chrmistry Physio. Batch II PH& buffer	Practical : A: Histo- introduction of microscope. B:Biochem Principles of testing ,Universal protection C: Physio: Study of microscope	**E**	Dissection(DOAP) AN 2.1. Describe parts, blood and nerve supply of a long bone	Tutorial &Pracs AETCOM **Module 1.1: What does it mean to be a doctor?**
Wednesday 4/9/19	Anatomy Lecture AN 2.3. Enumerate special features of a sesamoid bone	Anatomy Lecture- AN 2.4. Describe various types of cartilage with its structure & distribution in body	Tutorial Biochem. Batch II Carbohydrate chemistry Physio. Batch I PH& buffer	Practical : A: Histo- introduction of microscope. B:Biochem Principles of testing &Universal protection C: Physio: Study of microscope	**C**	Dissection(DOAP) AN 4.1 Describe different types of skin & dermatomes in body	Physio Tutorial prac PY 2.1 composition and functions of blood
Thursday 5/9/19	Early clinical Exposure Batch I Anatomy. Joints and movements			Biochem Lecture BI 1.1 Structure & functions of the cell & sub-cellular organelles	**E**		Biochem Tutorial/prac BI 3.1 Reactions of Monosaccharides & Disaccharides

Friday 6/9/19	Anatomy Lecture AN 2.5. Describe various joints with subtypes and examples	Biochem Lecture PY 1.5 Transport across the cell I	SDL Biochemistry	Com Med Lecture CM1.1 Define and describe the concept of Public Health	**S**	Dissection (DOAP) AN 4.3 Describe superficial fascia along with fat distribution in body	Physio Tutorial/prac PY 2.1 composition and functions of blood
Saturday 7/9/19	Physio Lecture PY 1.3. Describe intercellular communication	physio Lecture PY 1.6 (HI-BI) Body fluid compartments, ionic composition	SDL Anatomy	Physio Tutorial/prac PY1.4. Describe apoptosis – programmed cell death	**S**	Dissection (DOAP) AN 4.4.Describe modifications of deep fascia with its functions	Sports & extracurricular

Days	9-10AM	10-11AM	11-12 PM	12-1.30 PM	1.30-2.30	2.30-4 PM	4- 5 PM
Monday 9/9/19	Anatomy Lecture AN 2.6 Explain the concept of nerve supply of joints & Hilton's law	Anatomy Lecture AN 4.5. Explain principles of skin incisions	AETCOM **Module 1.1: What does it mean to be a doctor?**	Practical : A: Histo-preparation of slide & staining. B:Biochemtests for carbohydrates & proteins C: PhysioPY 2.11 Microscope & Hemocytometer Hematology lab	**R**	Dissection (DOAP) AN 8.1 Identify the given bone, its side, important features & keep it in anatomical Position	Tutorial Anatomy AN 13.1 to 13.7 Introduction to Osteology , Embryology, Surface marking, Histology, Radiological anatomy
Tuesday 10/9/19	Physio Lecture PY 1.7 Describe the concept of pH & Buffer systems in the body	Physio Lecture PY 1.7 Describe the concept of pH & Buffer systems in the body	Tutorial Biochem. Batch I BI3.1 di and polysaccharideschrmi stry Physio. Batch II Osmosis, blo od buffers	Practical : A: Histo-preparation of slide & staining B:Biochemtests for carbohydrates & proteins C: PhysioPY 2.11 Microscope & Hemocytometer Hematology lab	**E**	Dissection (DOAP) AN 8.2 Identify & describe joints formed by the given bone	Tutorial &Pracs Com Med CM1.2 Define health; describe the concept of holistic health including concept of spiritual health and the relativeness & determinants of health
Wednesday 11/9/19	Anatomy Lecture-AN 3.2 Enumerate parts of skeletal muscle and differentiate between tendons and aponeuroses with examples	Anatomy Lecture AN 3.3 Explain Shunt and spurt muscles	Tutorial Biochem. Batch II BI3.1 di and polysaccharides chemistry Physio. Batch I Osmosis, blood buffers	Practical : A: Histo-preparation of slide & staining B:Biochemtests for carbohydrates & proteins C: PhysioPY 2.11 Microscope & Hemocytometer Hematology lab	**C**	Dissection (DOAP) AN 8.3. Enumerate peculiarities of clavicle	Physio Tutorial prac PY 2.1 composition and functions of blood

Thursday 12/9/19	Early clinical Exposure Biochemistry Diagnostic lab visit, principles of sample collection, tests			Biochem Lecture BI 3.1 Reactions of Monosaccharides & Disaccharides, Polysaccharides& .diseases	**E**	Dissection (DOAP) AN 8.4. Demonstrate important muscle attachment on the given bone	Biochem Tutorial/prac BI 3.2 Describe the processes involved in digestion and assimilation of carbohydrates and storage.
Friday 13/9/19	Anatomy Lecture AN 5.1 Differentiate between blood vascular and lymphatic system	Biochem Lecture BI 5.1 Chemistry and structural organization of proteins-1	SDL Biochemistry	Com Med Lecture CM1.2 Define health; describe the concept of holistic health including concept of spiritual health and the relativeness & determinants of health	**S**	Dissection (DOAP) AN 8.5. Identify and name various bones in articulated hand, Specify the parts of metacarpals and phalanges and enumerate the peculiarities of pisiform	Physio Tutorial/prac PY 2.1 composition and functions of blood
Saturday 14/.9/19	Physio Lecture PY 1.8 Describe and discuss the molecular basis of resting membrane potential and action potential in excitable tissue	physio Lecture PY 1.9 Demonstrate the ability to describe and discuss the methods used to demonstrate the functions of the cells and its products, its communications and their applications in Clinical care and research.	SDL Anatomy	Physio Tutorial/prac Strength-duration curve, Concepts of chronaxie, utilization time, rheobase, Accomodation and All-or-None law, Propagation of AP	**S**	Dissection (DOAP) AN 8.6. Describe scaphoid fracture and explain the anatomical basis of avascular Necrosis	Sports & extracurricular

Days	9-10AM	10-11AM	11-12 PM	12-1.30 PM	1.30-2.30	2.30-4 PM	4- 5 PM
Monday 16/9/19	Anatomy Lecture AN 5.2 Differentiate between pulmonary and systemic circulation	Anatomy Lecture AN 5.3 List general differences between arteries & veins	AETCOM Module 1.1: What does it mean to be a doctor?	Practical : A: Histo Identify Microstructure of epithelial tissue B:Biochem tests for carbohydrates & proteins C: Physio PY 2.11 Microscope & Hemocytometer Hematology lab	**R**	Dissection(DOAP) AN 10.1 Identify & describe boundaries and contents of axilla	Tutorial Anatomy AN 12.5 Identify & describe small muscles of hand. Also describe movements of thumb and muscles involved
Tuesday 17/9/19	Physio Lecture PY 2.1 Discuss the origin, forms, variations	Physio Lecture PY 2.2 Discuss the variations and functions of plasma Proteins	Tutorial Biochem. Batch I Protein Electrophoresis Physio. Batch II	Practical : A: Histo- identificationmicrostructureofepithelialtissue tiss B:Biochem tests for amino acids & proteins C: Physio PY 2.11 Hemoglobin estimation	**E**	Dissection(DOAP) AN 10.2 Identify, describe and demonstrate the origin, extent, course, parts, relations and branches of axillary artery & tributaries of vein	Tutorial &Pracs AETCOM Module 1.1: What does it mean to be a doctor?

			P 2.4. Describe RBC formation (erythropoiesis & its regulation) and its Functions				
Wednesday 18/9/19	Anatomy Lecture AN 5.4 Explain functional difference between elastic, muscular arteries and Arterioles	Anatomy Lecture AN 5.5 Describe portal system giving examples	Tutorial Biochem. Batch II Electrophoresis Physio. Batch I P 2.4. Describe RBC formation (erythropoiesis & its regulation) and its functions	Practical : A: Histo–identificationmicrostructureofepithelialtissue B:Biochem tests for amino acids & proteins C: PhysioPY 2.11 Hemogram	**C**	Dissection(DOAP) AN 10.3 Describe, identify and demonstrate formation, branches, relations, area of supply of branches, course and relations of terminal branches of brachial plexus	Physio Tutorial prac PY 2.1 composition and functions of blood
Thursday 19/9/19	Early clinical Exposure Physiology case discussion Case discussion: Myasthenia Gravis,			Biochem Lecture BI 5.1 Proteins – Definition, Importance& Classification	**E**	Dissection(DOAP) AN 10.4 Describe the anatomical groups of axillary lymph nodes and specify their areas of drainage	Biochem Tutorial/prac BI 5.1 Reactions of amino acids
Friday 20/9/19	Anatomy Lecture ANATOMY [L] Breast [AN 9.2] VI	Biochem Lecture BI 5.1, 11.16, 11.19 Amino acids, classification, reactions, chromatograp	SDL Biochemistry	Com Med Lecture Concept of health, and determinants of health CM 1.2 (L)	**S**	Dissection(DOAP) AN 10.5 Explain variations in formation of brachial plexus	Physio Tutorial/prac PY 2.1 composition and functions of blood
Saturday 21/.9/19	Physio Lecture PY 3.9 Molecular basis of smooth muscle contraction	physio Lecture PY3.7 Properties of cardiac muscle	SDL Anatomy	Physio Tutorial/prac Compound action potential, Biphasic AP, Injury potential, tetanus, Clonus	**S**	Dissection(DOAP) AN 10.6 Explain the anatomical basis of clinical features of Erb's palsy and Klumpke's paralysis	Yoga& extracurricular

Days	9-10AM	10-11AM	11-12 PM	12-1.30 PM	1.30-2.30	2.30-4 PM	4- 5 PM

Monday **23/9/19**	Anatomy Lecture- AN 5.7 Explain function of meta-arterioles, precapillary sphincters, arterio-venous anastomoses	Anatomy Lecture- AN 5.8 Define thrombosis, infarction & aneurysm	AETCOM Module 1.1: What does it mean to be a doctor?	Practical : A: Histo-idetification of connective tssue B:Biochem 11.4 urine normal abnormal constituents analysis C: PhysioPY 2.11 Hb estimation	**R**	Dissection(DOAP) AN 10.10 Describe and identify the deltoid and rotator cuff muscles	Tutorial Anatomy AN 12.8, 12.13 Describe the anatomical basis of Wrist drop, claw hand
Tuesday **24/9/19**	Physio Lecture **PY 2.4** Describe RBC formation (erythropoiesis & its regulation) and its Functions	Physio Lecture PY 2.6 Describe WBC formation (granulopoiesis) and its regulation	Tutorial Biochem. Batch I Chromatography Physio. Batch II PY 3.2Physiology of Tetanus	Practical : A: Histo-identification of connective tissue. B:Biochem 11.4 urine normal abnormal constituents analysis C: PhysioPY 2.11 Hemoglobin estimation	**E**	Dissection(DOAP) AN 10.11 Describe & demonstrate attachment of serratus anterior with its action	Tutorial &Pracs Com Med Concept of health, and determinants of health CM 1.2
Wednesday **25/9/19**	Anatomy Lecture AN 6.1 List the components and functions of the lymphatic system	Anatomy Lecture AN 6.2 Describe structure of lymph capillaries & mechanism of lymph circulation	Tutorial Biochem. Batch II Chromatography Physio. Batch I PY 3.2Physiology of Tetanus	Practical : A: Histo-identification of connective tissue B:Biochem 11.4 urine normal abnormal constituents analysis C: PhysioPY 2.11 Hemoglobin estimation	**C**	Dissection(DOAP) AN 10.12 Describe and demonstrate shoulder joint for– type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements, muscles involved, blood supply, nerve supply and applied anatomy	Physio Tutorial prac P 2.10 Define and classify different types of immunity. Describe the development of immunity and its
Thursday **26/9/19**	Early clinical Exposure case discussion community visit Anaemia/antenatal clinic			Biochem Lecture BI 5.2 Describe and discuss functions of proteins and structure-function relationships in relevant areas eg, hemoglobin and selected hemoglobinopathies	**E**	Dissection(DOAP) AN 10.8 Describe, identify and demonstrate the position, attachment, nerve supply and actions of trapezius and latissimus dorsi	Biochem Tutorial Hb O2 dissociation curve, Bohr effect, chloride shift
Friday **27/9/19**	Anatomy Lecture AN 6.3 Explain the concept of lymphoedema and spread of tumors via lymphatics and venous system	Biochem Lecture BI 6.12 Describe the major types of haemoglobin and its derivatives found in the body and their physiological/ pathological relevance.	SDL Anatomy	Com Med Lecture Concept of health, and determinants of health CM 1.2 (L)	**S**	Dissection(DOAP) AN 10.8 Describe, identify and demonstrate the position, attachment, nerve supply and actions of trapezius and latissimus dorsi	Physio Tutorial/prac PY 2.13 Describe steps for reticulocyte and platelet count

Saturday 28/.9/19	Physio Lecture PY 2.9 Describe different blood groups and discuss the clinical importance of blood grouping, blood banking and transfusion	Physio Lecture PY2.3 Describe and discuss the synthesis and functions of Haemoglobin and explain its breakdown. Describe variants of haemoglobin	SDL Biochemistry PY2.5 Describe different types of anaemias & Jaundice	Physio Tutorial/prac P 2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT	**S**	Dissection(DOAP) AN11.3 Describe the anatomical basis of Venepuncture of cubital veins	Yoga & extracurricular

Days	9-10AM	10-11AM	11-12 PM	12-1.30 PM	1.30-2.30	2.30-4 PM	4- 5 PM
Monday 30/9/19	Anatomy Lecture- AN 10.6 Explain the anatomical basis of clinical features of Erb's palsy and Klumpke's paralysis .	Anatomy Lecture- AN10.7 Explain anatomical basis of enlarged axillary lymph nodes	AETCOM Module 1.1: What does it mean to be a doctor?	Practical : A: HistoAN 67.1-67.3 BasictissueNervoustissues B:Biochem 11.4 urine abnormal constituents analysis C: PhysioPY 2.11 Tc, DC, ESR , Hb	**R**	Dissection(DOAP) AN 11.1 Describe and demonstrate muscle groups of upper arm with emphasis on biceps and triceps brachii	Assessment anatomy Upper limb bone and muscles
Tuesday 1/10/19	Physio Lecture SEMINAR Cellular transport, Homeostasis	Physio Lecture SEMINAR Cellular transport, Homeostasis	Tutorial Biochem. Batch I Myoglobin Physio. Batch II PY 2.12Describe test for ESR, Osmotic fragility, Hematocrit. Note the findings and interpret the test results etc	Practical : A: HistoAN 67.1-67.3 BasictissuesNervoustissues B:Biochem 11.4 urine abnormal constituents analysis C: PhysioPY 2.11 Hemoglobin estimation	**E**	Dissection(DOAP) An 11.2 Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels in arm	Tutorial &Pracs AETCOM Module 1.1: What does it mean to be a doctor?
Wednesday 2/10/19	**Gandhi Jayanti Holiday**						
Thursday 3/10/19	Early clinical Exposure case presentation / Seminar Biochemistry: hemolytic anaemia and disorders of homeostasis			Biochem Lecture BI 6.12 Hemoglobinopathies	**E**	Dissection AN11.5 Identify & describe boundaries and contents of cubital fossa	Biochem Tutorial/prac/DOAP BI 11.2: Demonstration of pH meter, buffer preparation,pH determination
Durga Puja holidays 4/10/2019- 13/10/2019							

Days	9-10AM	10-11AM	11-12 PM	12-1.30 PM	1.30-2.30	2.30-4 PM	4- 5 PM
Monday 14/10/19	Anatomy Lecture AN9.1 Describe attachment, nerve supply & action of pectoralis major and pectoralis minor	Anatomy Lecture AN 9.2 Breast: Describe the location, extent, deep relations, structure, age changes, blood supply, lymphatic drainage, microanatomy and applied anatomy of breast	AETCOM Module 1.1: What does it mean to be a doctor?	Practical : A: Histo–histology of cartilage B:Biochem BI11.6 principles of Colorimetry C: PhysioPY 2.11 DLC	**R**	Dissection(DOAP) AN12.1 Describe and demonstrate important muscle groups of ventral forearm with attachments, nerve supply and actions	Assessment anatomy Upper limb bone and muscles
Tuesday 15/10/19	Physio Lecture PY 3.1 Describe the structure and functions of a neuron and neuroglia; Discuss Nerve Growth Factor & other growth factors/cytokines	Physio Lecture **PY 3.2** Describe the types, functions & properties of nerve fibers	Tutorial Biochem. Batch I BI 11.2 Acid base,pH Physio. Batch II Anaemia II	Practical : A: Histo–histology of cartilage- B:Biochem BI11.6 principles of Colorimetry C: PhysioPY 2.11 DLC	**E**	Dissection(DOAP) AN12.2 Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels of forearm	Tutorial &Pracs Com Med CM1.2 Define health; describe the concept of holistic health including concept of spiritual health and the relativeness & determinants of health
Wednesday 16/10/19	Anatomy AN 10.3 Describe the arterial anastomosis around the scapula and mention the boundaries of triangle of auscultation	Anatomy AN 10.13 Explain anatomical basis of Injury to axillary nerve during intramuscular injections	Tutorial Biochem. Batch II BI 11.2 Acid base,pH Physio. Batch I Anaemia II	Practical : A: Histo–histology of cartilage B:Biochem BI11.6 principles of Colorimetry C: PhysioPY 2.11 DLC	**C**	Dissection(DOAP) AN12.3 Identify & describe flexor retinaculum with its attachments	Physio Tutorial prac PY 2.13 Describe steps for reticulocyte
Thursday 17/10/19	Early clinical Exposure Anatomy AN12.4,11.4 Explain anatomical basis of carpal tunnel syndrome, Saturday night paralysis			Biochem Lecture BI2.1 Enzymes: classification, coenzyme, cofactors	**E**	Dissection(DOAP) AN12.3 Identify & describe flexor retinaculum with its attachments	Biochem Tutorial/prac colorimeter and spectrophotometer parts: linearity
Friday 18/10/19	Anatomy Lecture AN 9.3 Describe development of breast	Biochem Lecture BI2.1 Enzyme : factors affecting activity	SDL Biochemistry	Com Med Lecture CM1.2 Define health; describe the concept of holistic health including concept of spiritual health and the relativeness & determinants of health	**S**	Dissection(DOAP) AN 12.5 Identify & describe course and branches of important blood vessels and nerves in hand	Physio Tutorial/prac PY 2.13Describe steps for reticulocyte and platelet count
Saturday 19/10/19	Physio Lecture PY 3.3 Describe the degeneration and regeneration in peripheral nerves	physio Lecture PY3.4 Describe the structure of neuro-muscular junction and transmission of impulses	SDL Anatomy	Physio Tutorial/prac PY3.17 Describe Strength-duration curve	**S**	Dissection Outlet of thorax	Yoga & extracurricular

Days	9-10AM	10-11AM	11-12 PM	12-1.30 PM	1.30-2.30	2.30-4 PM	4- 5 PM
Monday 21/10/19	Anatomy Lecture- AN7.1 Describe general plan of nervous system with components of central, peripheral & autonomic nervous systems VI	Anatomy Lecture AN7.2 List components of nervous tissue and their functions	AETCOM Module 1.1: What does it mean to be a doctor?	Practical : A: Histo AN 67.1-67.3 HistologyBasic tissue-bone B:Biochem Colorimetry:Preparation of standard curve C: Physio:	**S**	Dissection(DOAP) AN12.7 Identify & describe course and branches of important blood vessels and nerves in hand	Anatomy Tutorial/formative assmnt AN8.1 Identify the given bone, its side, important features & keep it in anatomical position
Tuesday 22/10/19	Physio Lecture PY3.5 Discuss the action of neuro-muscular blocking agents	physio Lecture PY3.7 Describe the different types of muscle fibres and their structure	Tutorial Biochem. Batch I Collagen synth &disorders Physio. Batch II	Practical : A: Histo AN 67.1-67.3 Histolgy of basic tissue bone B:Biochem Colorimetry Preparation of standard curve C: Physio PY 2.11 Hemoglobin estimation	**S**	Dissection(DOAP) AN12.8 Describe anatomical basis of Claw hand	AETCOM Tutorial prac Formative Assessment
Wednesday 23/10/19	Anatomy Lecture- AN7.3 Describe parts of a neuron and classify them based on number of neurites, size & function	Anatomy Lecture AN7.4 Describe structure of a typical spinal nerve	Tutorial Biochem. Batch II Collagen synth &disorders Physio. Batch I	Practical : A: Histo histology of basic tissue –bone. B:Biochem Colorimetry Preparation of standard curve : Physio PY 2.11 Hemoglobin estimation	**C**	Dissection(DOAP) AN12.9 Identify & describe fibrous flexor sheaths, ulnar bursa, radial bursa and digital synovial sheaths	Physio tutorial PY3.14 Perform Ergography
Thursday 24/10/19	Early clinical Exposure Physiology clinical lab visit, clinical chart: Hemogram anaemia			Biochem Lecture BI 2.4: kinetics and inhibition . Describe and discuss enzyme inhibitors as poisons and drugs and as therapeutic enzymes	**E**	Dissection(DOAP) AN12.14 Identify & describe compartments deep to extensor retinaculum	Biochem LDH activity demonstration
Friday 25/10/19	Anatomy Lecture- AN7.5 Describe principles of sensory and motor innervation of muscles	Biochem Lecture BI 2.5,2.6 Discuss use of enzymes in laboratory investigations (Enzyme-based assays)	SDL Biochemistry Diagnostic enzymology	Com Med Lecture CM1.2 Define health; describe the concept of holistic health including concept of spiritual health and the relativeness & determinants of health	**S**	Dissection(DOAP) AN12.15 Identify & describe extensor expansion formation	Physio Tutorial/prac Examination of peripheral arterial pulses

Saturday 26/10/19	Physio Lecture PY3.8 Describe action potential and its properties in different muscle types (skeletal & smooth)	physio Lecture PY3.9 Describe the molecular basis of muscle contraction in skeletal and in smooth muscles	SDL Anatomy	Physio Tutorial/prac PY3.9 Describe the molecular basis of muscle contraction in skeletal and in smooth muscles	**S**	Dissection-(DOAP) AN13.1 Describe and explain Fascia of upper limb and compartments, veins of upper limb and its lymphatic drainage	Yoga & extracurricular
Kalipuja/ Diawali/ Bhaiphota Holiday 27-29th Oct 2019							

Days	9-10AM	10-11AM	11-12 PM	12-1.30 PM	1.30-2.30	2.30-4 PM	4- 5 PM
Wednesday 30/10/19	Anatomy Lecture- AN12.10 Explain infection of fascial spaces of palm	Anatomy Lecture- AN12.11 Identify, describe and demonstrate important muscle groups of dorsal forearm with attachment, nerve supply and actions	Tutorial Biochem. Batch II Electrophoresis Physio. Batch I PY Coronary and cerebral circulation	Practical : A: Histos B:Biochem Colorimetry standard curve CuSo4 C: PhysioPY 2.11 TC,Hemoglobin estimation assessment	**C**	Dissection(DOAP) AN12.1 Describe and demonstrate important muscle groups of ventral forearm with attachments, nerve supply and actions	Physiology Tutorial prac PY3.15 Demonstrate effect of mild, moderate and severe exercise and record changes in cardiorespiratory parameters
Thursday 31/10/19	Early clinical Exposure Biochemistry Bed side urine test in obstetrics and paediatrics, cardiac biomarkers			Biochem Lecture Enzymes BI2.7: Isoenzymes, Interpret laboratory results of enzyme activities & describe the clinical utility of various enzymes as markers of pathological conditions	**E**	Dissection(DOAP) AN12.13 Describe the anatomical basis of Wrist drop	Biochem Tutorial/prac Biological oxidation
Friday 1/11/19	Anatomy Lecture Thoracic sympathetic trunk	Biochem Lecture BI3.2&3.3: processes involved in digestion and assimilation of carbohydrates and storage.	SDL Biochemistry	Com Med Lecture Formative assessment: Health: concepts and determinants	**S**	Dissection(DOAP) AN12.12 Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels of back of forearm	Physio Tutorial/prac Measurement of blood pressure
Saturday 2/11/19	**Chhat Puja Holiday**						

Days	9-10AM	10-11AM	11-12 PM	12-1.30 PM	1.30-2.30	2.30-4 PM	4- 5 PM

Monday 4/11/19	Anatomy Lecture- AN13.2 Describe dermatomes of upper limb	Anatomy lecture- AN13.3 Identify & describe the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements, blood and nerve supply of elbow joint, proximal and distal radio-ulnar joints, wrist joint & first carpometacarpal joint	AETCOM Module 1.2: What does it mean to be a patient?	Practical : A: Histo-tongue B:Biochem Colorimetry Standard curve CuSo4 C: Physio: 2.11 TLC	**S**	Dissection (DOAP) AN13.3 Identify & describe the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements, blood and nerve supply of elbow joint, proximal and distal radio-ulnar joint	Anatomy Tutorial/prac AN13.8 Describe development of upper limb
Tuesday 5/11/19	Physio Lecture PY3.10 Describe the mode of muscle contraction (isometric and isotonic)	physio Lecture PY3.11 Explain energy source and muscle metabolism	Tutorial Biochem. Batch II Assessment enzyme Physio. Batch I PY3.12 Explain the gradation of muscular activity	Practical : A: Histo-tongue B:Biochem Colorimetry Standard curve CuSo4 C: Physio: 2.11 TLC	**S**	Dissection (DOAP) AN13.3 Identify & describe the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements, blood and nerve supply of proximal and distal radio-ulnar joints, wrist joint	Tutorial/prac AETCOM Module 1.2: What does it mean to be a patient?
Wednesday 6/11/19	Anatomy Lecture- AN13.4 Describe Sternoclavicular joint, Acromioclavicular joint, Carpometacarpal joints & Metacarpophalangeal joint	Anatomy Lecture AN13.6 Identify & demonstrate important bony landmarks of upper limb: Jugular notch, sternal angle, acromial angle, spine of the scapula, vertebral level of the medial end, Inferior angle of the scapula	Tutorial Biochem. Batch II Assessment enzyme Physio. Batch I PY3.12 Explain the gradation of muscular activity	Practical : A: Histo-tongue B:Biochem Colorimetry Standard curve CuSo4 C: Physio: 2.11 TLC	**C**	Dissection (DOAP) AN13.3 Identify & describe the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements, blood and nerve supply of wrist joint & first carpometacarpal joint	Physio Tutorial prac PY3.13 PY3.12 Explain the gradation of muscular activity/ Describe muscular dystrophy: myopathies
Thursday 7/11/19	Early clinical Exposure : Community visit Urban clinic(Diarrhoea, pain abdomen)			Biochem Lecture BI3.4: Overview of carb metabolic pathways, Discuss Glycolysis, PDH	**E**	Dissection(DOAP) AN13.5 Identify the bones and joints of upper limb seen in anteroposterior and lateral view radiographs of shoulder region, arm, elbow, forearm and hand	Biochem Tutorial/prac Biological oxidation
Friday 8/11/19	Anatomy Lecture- AN13.7 Identify & demonstrate surface projection of: Cephalic and basilic vein, Palpation of Brachial artery, Radial artery, Testing of muscles: Trapezius, pectoralis major, serratus anterior, latissimus dorsi, deltoid, biceps brachii, Brachioradialis	Biochem Lecture B I3.5,3.6: Describe and discuss the regulation, functions and integration of carbohydrate along with associated diseases/disorders. concept of TCA cycle as a amphibolic pathway and its regulation	SDL Biochemistry	Com Med Lecture CM1.3 Describe the characteristics of agent, host and environmental factors in health and disease and the multi factorial etiology of disease	**S**	Dissection(DOAP) AN13.6 Identify & demonstrate important bony landmarks of upper limb: Jugular notch, sternal angle, acromial angle, spine of the scapula, vertebral level of the medial end, Inferior angle of the scapula	Physio Tutorial/prac PY3.16 Demonstrate Harvard Step test and describe the impact on induced physiologic parameters in a simulated environment

Saturday 9/11/19	Physio Lecture PY4.1 Describe the structure and functions of digestive system	physio Lecture PY4.2 Describe the composition, mechanism of secretion, functions, and regulation of saliva, gastric, pancreatic, intestinal juices and bile secretion	SDL Anatomy Assessent: Sup. extremity	Physio Tutorial/prac PY4.4 Describe the physiology of digestion and absorption of nutrients	**S**	Dissection(DOAP) AN13.7 Identify & demonstrate surface projection of: Cephalic and basilic vein, Palpation of Brachial artery, Radial artery, Testing of muscles: Trapezius, pectoralis major, serratus anterior, latissimus dorsi, deltoid, biceps brachii, Brachioradialis	Yoga & extracurricular

Days	9-10AM	10-11AM	11-12 PM	12-1.30 PM	1.30-2.30	2.30-4 PM	4- 5 PM
Monday 11/11/19	Anatomy Lecture- AN14.1 Introduction to bones of inferior extremity,Identify the given bone, its side, important features & keep it in anatomical position	Anatomy Lecture – AN14.1 Identify the given bone, its side, important features & keep it in anatomical position	AETCOM lecture Module 1.2: What does it mean to be a patient? Enumerate and describe professional qualities and roles of a physician	Practical : A: Histo oesophagus B:Biochem BI11.21 Blood glucose estimation GOD_POD C: Physiology Assessment hematology	**S**	Dissection(DOAP) AN14.1 Identify the given bone, its side, important features & keep it in anatomical position	Anatomy Tutorial/prac Assessment:
Tuesday 12/11/19	**Guru Nanak Jayanti Holiday**						
Wednesday 13/11/19	Anatomy AN14.2 Identify & describe joints formed by the given bone	Anatomy Lecture- AN14.3 Describe the importance of ossification of lower end of femur & upper end of tibia	Tutorial Biochem. Batch II Gluconeogenesis Physio. Batch I assessment	Practical : A: Hist-oesophagus B:Biochem BI11.21 Blood glucose estimation GOD_POD C. Physio Assessment hematology	**C**	Dissection(DOAP) AN14.1 Identify the given bone, its side, important features & keep it in anatomical position	Physio Tutorial prac Assessmnt: nerve muscle physiology
Thursday 14/11/19	Early clinical Exposure Physiology Ward visit: hepatitis case discussion			Biochem Lecture BI3.7 Describe the common poisons that inhibit crucial enzymes of carbohydrate metabolism (eg; fluoride, arsenate) Gluconeogenesis, HMP shunt	**E**	Dissection(DOAP) AN14.1 Identify the given bone, its side, important features & keep it in anatomical position	Biochem Electron transport chain BI6.6 Describe the biochemical processes involved in generation of energy in cells.
Friday 15/11/19	Anatomy AN15.1 Describe and demonstrate origin, course, relations, branches (or tributaries),	Biochem Lecture BI3.5. Glycogen	SDL Anatomy	Com Med Lecture CM1.3 Describe the characteristics of agent, host and environmental factors in health and disease	**S**	Dissection(DOAP) AN14.1 Identify the given bone, its side, important features & keep it in anatomical position	Physio Tutorial/prac PY5.3 Discuss the events

	termination of important nerves and vessels of anterior thigh	metabolism and disorders		and the multi factorial etiology of disease			occurring during the cardiac cycle
Saturday 16/11/19	Physio Lecture PY4.3 Describe GIT movements, regulation and functions. Describe defecation reflex. Explain role of dietary fibre.	physio Lecture PY4.5 Describe the source of GIT hormones, their regulation and functions	Biochemistry BI8.5 Summarize the nutritional importance of commonly used items of food including fruits and vegetables.(macro-molecules & its importance)	Physio Tutorial/prac PY4.7 Describe & discuss the structure and functions of liver and gall Bladder	**S**	Dissection(DOAP) AN47.2 Name & identify various peritoneal folds & pouches with its explanation	Yoga & extracurricular

Days	9-10AM	10-11AM	11-12 PM	12-1.30 PM	1.30-2.30	2.30-4 PM	4- 5 PM
Monday 18/11/19	Anatomy Lecture- AN15.2 Describe and demonstrate major muscles with their attachment, nerve supply and actions VI	Anatomy Lecture AN15.3 Describe and demonstrate boundaries, floor, roof and contents of femoral triangle	AETCOM lecture Module 1.2: What does it mean to be a patient? Enumerate and describe professional qualities and roles of a physician	Practical : A: Histo:-stomach B:Biochem BI11.21 Blood glucose estimation GOD_POD C. Physio ECG	**S**	Dissection(DOAP) AN14.1 Identify the given bone, its side, important features & keep it in anatomical Position	Anatomy Tutorial/prac AN14.1 Identify the given bone, its side, important features & keep it in anatomical Position
Tuesday 19/11/19	Physio Lecture PY4.8 Describe & discuss gastric function tests, pancreatic exocrine function tests & liver function tests	physio Lecture PY4.8 Describe & discuss gastric function tests, pancreatic exocrine function tests & liver function tests	Tutorial Biochem. Batch II HMP shunt Physio. Batch I PY5.6 Describe abnormal ECG, arrythmias, heart block and myocardial Infarction	Practical : A: Histo-stomach B:Biochem BI11.21 Blood glucose estimation GOD_POD C. Physio: ECG	**S**	Dissection(DOAP) AN14.4 Identify and name various bones in the articulated foot with individual muscle attachment	Tutorial/prac CM CM1.3 Describe the characteristics of agent, host and environmental factors in health and disease and the multi factorial etiology of disease
Wednesday 20/11/19	Anatomy Lecture- AN15.4 Explain anatomical basis of Psoas abscess & Femoral hernia	Anatomy Lecture- AN15.5 Describe and demonstrate adductor canal with its content	Tutorial Biochem. Batch II HMP shunt Physio. Batch I PY5.6 Describe abnormal ECG, arrythmias, heart block and myocardial Infarction	Practical : A: Histo-stomach B:Biochem BI11.21 Blood glucose estimation GOD-POD C: Physio: ECG	**C**	Dissection(DOAP) AN15.1 Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of anterior thigh	Physio Tutorial prac PY4.10 Demonstrate the correct clinical examination of the abdomen in a normal volunteer or simulated environment
Thursday 21/11/19	Early clinical Exposure Anatomy Femoral hernia, foot drop			Biochem Lecture BI3.9 mechanism and significance of blood glucose regulation in health and disease	**E**	Dissection(DOAP) AN15.2 Describe and demonstrate major muscles with their attachment, nerve supply and actions	Biochem Tutorial/prac Oxidative phosphorylation

Friday 22/11/19	Anatomy Lecture-formation of notochord, neural tube.	Biochem Lecture BI3.10 Interpret the results of blood glucose levels and other laboratory investigations related to disorders of carbohydrate metabolism. .Diabetes Mellitus	SDL Biochemistry	Com Med Lecture CM1.3 Describe the characteristics of agent, host and environmental factors in health and disease and the multi factorial etiology of disease	**S**	Dissection(DOAP) AN15.3 Describe and demonstrate boundaries, floor, roof and contents of femoral Triangle	Physio Tutorial/prac PY4.10 Demonstrate the correct clinical examination of the abdomen in a normal volunteer or simulated environment
Saturday 23/11/19	Physio Lecture PY4.9 Discuss the physiology aspects of: peptic ulcer, gastrooesophageal reflux disease, vomiting, diarrhoea, constipation, Adynamic ileus, Hirschsprung's disease	physio Lecture PY4.9 Discuss the physiology aspects of: peptic ulcer, gastrooesophageal reflux disease, vomiting, diarrhoea, constipation, Adynamic ileus, Hirschsprung's disease	SDL Anatomy	Physio Tutorial/prac/SDL Assessment	**S**	Dissection(DOAP) AN15.4 Explain anatomical basis of Psoas abscess & Femoral hernia .	Yoga & extracurricular

Days	9-10AM	10-11AM	11-12 PM	12-1.30 PM	1.30-2.30	2.30-4 PM	4- 5 PM
Monday 25/11/19	Anatomy Lecture- AN16.4 Describe and demonstrate the hamstrings group of muscles with their attachment, nerve supply and actions	Anatomy Lecture- AN16.5 Describe and demonstrate the origin, course, relations, branches (or tributaries), termination of important nerves and vessels on the back of thigh	AETCOM lecture Module 1.2: What does it mean to be a patient? Enumerate and describe professional qualities and roles of a physician	Practical : A: Histo-duodenum B:Biochem BI11.21 Estimation blood glucose, OGTT C: Physio: TC RBC	**S**	Dissection(DOAP) AN15.5 Describe and demonstrate adductor canal with its content	Anatomy Tutorial/prac AN16.6 Describe and demonstrate the boundaries, roof, floor, contents and relations of popliteal fossa
Tuesday 26/11/19	Physio Lecture PY6.1 Describe the functional anatomy of respiratory tract	Physio Lecture PY6.2 Describe the mechanics of normal respiration, pressure changes during ventilation, lung volume and capacities, alveolar surface tension, compliance, airway resistance, ventilation, V/P ratio, diffusion capacity of lungs	Tutorial Biochem. Batch II Diabetes Physio. Batch I Cardiorespiratory adjustment during exercises	Practical : A: Histo-duodenum B:Biochem BI11.21 Estimation blood glucose, OGTT C: Physio TC RBC	**S**	Dissection(DOAP) AN16.1 Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of gluteal region	Tutorial/prac AETCOM Module 1.2: What does it mean to be a patient?
Wednesday 27/11/19	Anatomy lecture AN16.6 Describe and demonstrate the boundaries, roof, floor, contents and	Anatomy lecture AN17.1 Describe and demonstrate the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and	Tutorial Biochem. Batch II Diabetes Physio. Batch I Cardiorespiratory adjustment during exercises	Practical : A: Histo–duodenum B:Biochem BI11.21 Estimation blood glucose, OGTT	**C**	Dissection(DOAP) AN16.4 Describe and demonstrate the hamstrings group of muscles with their attachment, nerve supply and actions.	Physio Tutorial prac PY6.8 Demonstrate the correct technique to perform & interpret Spirometry

	relations of popliteal fossa	muscles involved, blood and nerve supply, bursae around the hip joint		C: PhysioPY TC RBC			
Thursday 28/11/19	Early clinical Exposure Physiology clinical lab visit, BP measurement ECG			Biochem Lecture BI4.1: discuss main classes of lipids (Essential/non-essential fatty acids, cholesterol and hormonal steroids, triglycerides, major phospholipids and sphingolipids) relevant to human system and their major functions.	**E**	Dissection(DOAP) AN16.5 Describe and demonstrate the origin, course, relations, branches (or tributaries), termination of important nerves and vessels on the back of thigh	Biochem Tutorial/prac Oxidative phosphorylation
Friday 29/11/19	Anatomy Lecture AN17.2 Describe anatomical basis of complications of fracture neck of femur	Biochem Lecture BI4.2: digestion and absorption of dietary lipids and key metabolism	SDL Biochemistry HMP shunt	Com Med Lecture CM1.3 Describe the characteristics of agent, host and environmental factors in health and disease and the multi factorial etiology of disease	**S**	Dissection(DOAP) AN16.5 Describe and demonstrate the origin, course, relations, branches (or tributaries), termination of important nerves and vessels on the back of thigh	Physio Tutorial/prac PY6.8 Demonstrate the correct technique to perform & interpret Spirometry
Saturday 30/11/19	Physio Lecture PY6.2 Describe the mechanics of normal respiration, pressure changes during ventilation, lung volume and capacities, alveolar surface tension, compliance, airway resistance, ventilation, V/P ratio, diffusion capacity of lungs	physio Lecture PY6.3 Describe and discuss the transport of respiratory gases: Oxygen and Carbon dioxide	SDL Anatomy Knee joint applied anatomy	Physio Tutorial/prac PY6.8 Demonstrate the correct technique to perform & interpret Spirometry	**S**	Dissection(DOAP) AN17.1 Describe and demonstrate the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply, bursae around the hip joint	Yoga & extracurricular

Days	9-10AM	10-11AM	11-12 PM	12-1.30 PM	1.30-2.30	2.30-4 PM	4- 5 PM
Monday 2/12/19	Anatomy Lecture AN17.3 Describe dislocation of hip joint and surgical hip replacement	Anatomy Lecture AN18.1 Describe and demonstrate major muscles of anterolateral	AETCOM lecture Module 1.2: What does it mean to be a patient? Enumerate and describe professional qualities and roles of a physician	Practical : A: Histo-myocardium B:Biochem BI11.9 Cholesterol	**S**	Dissection(DOAP) AN18.2 Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of anterior compartment of leg	Anatomy Tutorial/prac AN18.6 Describe knee joint injuries with its applied

		compartment of leg with their attachment, nerve supply and actions		estimation C: Physio CVS examination			anatomy
Tuesday 3/12/19	Physio Lecture Atherosclerosis; PY5.2 properties of cardiac muscle including its morphology, electrical, mechanical and metabolic functions	Biochemistry Lecture BI 4.4 structure and functions of lipoproteins, their functions, interrelations & relations with atherosclerosis	Tutorial Physio. /Biochem PY11.5 Describe and discuss physiological consequences of sedentary lifestyle	Practical : A: Histo-myocardium B:Biochem BI11.9 Cholesterol estimation C: Physio CVS examination	**S**	Dissection(DOAP) AN22.3 Describe & demonstrate origin, course and branches of coronary arteries	Physiology tutorial PY 5.10. Describe & discuss coronary circulation
Wednesday 4/12/19	Biochemistry lecture BI4.5 Lipoprotein metabolism, Interpret laboratory results of analytes associated with metabolism of Lipids	Anatomy Lecture AN22.4 Describe anatomical basis of ischaemic heart disease	Tutorial Biochem. BI4.7 Interpret laboratory results of analytes associated with metabolism of lipids	Practical : A: Histo-jejunum B:Biochem BI11.9 Cholesterol estimation C: Physio:	**C**	Dissection(DOAP) AN22.5 Describe & demonstrate the formation, course, tributaries and termination of coronary sinus AN19.2 Describe and demonstrate the origin, course, relations, branches (or tributaries), termination of important nerves and vessels of back of leg	Biochem Tutorial prac BI4.3 Explain the regulation of lipoprotein metabolism & associated disorders.
Thursday 5/12/19	Early clinical Exposure hospital and clinical lab visit, clinical chart.Dyslipidemia, CAD case discussion			Anatomy Lecture AN18.4 Describe and demonstrate the type, articular surfaces, …, blood and nerve supply, bursae around the knee joint	**E**	Dissection(DOAP) AN19.1 Describe and demonstrate the major muscles of back of leg with their attachment, nerve supply and actions	AETCOM tutorial Module 1.2: What does it mean to be a patient?
Friday 6/12/19	Anatomy Lecture- AN18.7 Explain anatomical basis of Osteoarthritis	Anatomy Lecture AN18.2 Describe and demonstrate origin, course, relations, branches termination of nerves and vessels of anterior compartment of leg	SDL Biochemistry BI 4.1: discuss main classes of eicosanoids relevant to human system and their major functions.	Com Med Lecture CM1.3 Describe the characteristics of agent, host and environmental factors in health and disease and the multi factorial etiology of disease	**S**	Dissection(DOAP) AN19.6 Explain the anatomical basis of Flat foot & Club foot	Physio Lecture PY6.4 Describe and discuss the physiology of high altitude and deep sea Diving

Saturday 7/12/19	Physio Lecture PY6.5 Describe and discuss the principles of artificial respiration, oxygen therapy, acclimatization and decompression sickness.	Physio Lecture PY6.5 Describe and discuss the principles of artificial respiration, oxygen therapy, acclimatization and decompression sickness.	SDL Anatomy AN19.3 Explain the concept of "Peripheral heart"	Physio Tutorial/prac PY6.10 Demonstrate the correct technique to perform measurement of peak expiratory flow rate in a normal volunteer or simulated environment	**S**	Dissection(DOAP) AN19.7 Explain the anatomical basis of Metatarsalgia & Plantar fasciitis	Yoga & extracurricular

Days	9-10AM	10-11AM	11-12 PM	12-1.30 PM	1.30-2.30	2.30-4 PM	4- 5 PM
Monday 9/12/19	Anatomy Lecture- AN19.1 Describe and demonstrate the major muscles of back of leg with their attachment, nerve supply and actions	Anatomy Lecture- AN19.2 Describe and demonstrate the origin, course, relations, branches termination of important nerves and vessels of back of leg	AETCOM lecture Module 1.2: What does it mean to be a patient? Enumerate and describe professional qualities and roles of a physician	Practical : A: Histo-ileum sB:Biochem BI11.9 Cholesterol estimation C: PhysioPY 2.12 Blood grouping	**S**	Dissection(DOAP) AN20.1 Describe and demonstrate the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply of tibiofibular and ankle joint	Physio Tutorial/prac Assessment: hip and knee
Tuesday 10/12/19	Physio Lecture PY6.6 Describe and discuss the pathophysiology of dyspnoea, hypoxia, cyanosis asphyxia; drowning, periodic breathing	Physio Lecture PY6.6 Describe and discuss the pathophysiology of dyspnoea, hypoxia, cyanosis asphyxia; drowning, periodic breathing	Tutorial Biochem. Batch I Eicosanoids BI4.6 Describe the therapeutic uses of prostaglandins and inhibitors of eicosanoid synthesis. Physio. Batch II Formative assessment	Practical : A: Histo–ileum B:Biochem BI11.9 Cholesterol estimation C: PhysioPY 2.12 Blood grouping	**S**	Dissection(DOAP) AN20.2 Describe the subtalar and transverse tarsal joints	Tutorial CM CM1.3 Describe the characteristics of agent, host and environmental factors in health and disease and the multi factorial etiology of disease
Wednesday 11/12/19	Anatomy AN19.4 Explain the anatomical basis of rupture of calcaneal tendon	Anatomy Lecture- AN19.5 Describe factors maintaining importance arches of the foot with its Importance	Tutorial Biochem. Batch II Eicosanoids BI4.6 Describe the therapeutic uses of prostaglandins and inhibitors of eicosanoid synthesis. Physio. Batch I Formative assessment	Practical : A: Histo-ileum B:Biochem BI11.9 Cholesterol estimation C: Physio 2.12 Blood grouping	**C**	Dissection(DOAP) AN20.3 Describe and demonstrate Fascia lata, Venous drainage, Lymphatic drainage, Retinacula & Dermatomes of lower limb	Physio Tutorial prac PY4.6 Describe the Gut-Brain Axis
Thursday 12/12/19	Early clinical Exposure Community visit Pneumonia/RTI case presentation			Biochem Lecture BI 4.3: lipoprotein metabolism & associated disorders	**E**	Dissection(DOAP) AN20.6 Identify the bones and joints of lower limb seen in anteroposterior and lateral view radiographs of various regions of lower limb	Biochem Tutorial/prac BI7.6 Describe the anti-oxidant defence systems in the body. also Free radical & oxidative stress

Friday 13/12/19	Anatomy Lecture- AN20.1 Describe and demonstrate the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply of tibiofibular and ankle joint	Biochem Lecture BI4.3:hyperlipidemias: diagnosis, interpretation	SDL Biochemistry	Com Med Lecture CM1.3 Describe the characteristics of agent, host and environmental factors in health and disease and the multi factorial etiology of disease	**S**	Dissection(DOAP) AN20.7 Identify & demonstrate important bony landmarks of lower limb: -Vertebral levels of highest point of iliac crest, posterior superior iliac spines, iliac tubercle, pubic tubercle, ischial tuberosity, adductor tubercle, Tibial tuberosity, head of fibula,	Physio Tutorial/prac PY6.7 Describe and discuss lung function tests & their clinical significance
Saturday 14/12/19	Physio Lecture PY6.6 Describe and discuss the pathophysiology of dyspnoea, hypoxia, cyanosis asphyxia; drowning, periodic breathing	Physio Lecture PY6.9 Demonstrate the correct clinical examination of the respiratory system in a normal volunteer or simulated environment	SDL Anatomy	Physio Tutorial/prac PY6.7 Describe and discuss lung function tests & their clinical significance	**S**	Dissection(DOAP) AN20.7 Identify & demonstrate important bony landmarks of lower limb: -Medial and lateral malleoli, Condyles of femur and tibia, sustentaculum tali, tuberosity of fifth metatarsal, tuberosity of the navicula	Yoga & extracurricular

Days	9-10AM	10-11AM	11-12 PM	12-1.30 PM	1.30-2.30	2.30-4 PM	4- 5 PM
Monday 16/12/19	Anatomy Lecture-AN20.3 Describe and demonstrate Fascia lata, Venous drainage, Lymphatic drainage, Retinacula & Dermatomes of lower limb	Anatomy Lecture-AN20.4 Explain anatomical basis of enlarged inguinal lymph nodes	AETCOM lecture Module 1.2: What does it mean to be a patient?	Practical : A: Histo-large intestine B:Biochem BI11.17 lipid profile interpretation C: PhysioPY PY4.10 Demonstrate the correct clinical examination of the abdomen in a normal volunteer or simulated environment	**S**	Dissection(DOAP) AN20.9 Identify & demonstrate Palpation of vessels (femoral, popliteal,dorsalis pedis,post tibial), Mid inguinal point, Surface projection of: femoral nerve, Saphenous opening, Sciatic, tibial, common peroneal & deep peroneal nerve, Great and small saphenous veins	Anatomy Tutorial/prac AN20.5 Explain anatomical basis of varicose veins and deep vein thrombosis
Tuesday 17/12/19	Physio Lecture AN21.9 Describe & demonstrate mechanics and types of respiration	Biochemistry Lecture PY11.4 Describe and discuss cardio-respiratory and metabolic adjustments during exercise; physical training effects	Anatomy lecture AN24.1 Mention the blood supply, lymphatic drainage and nerve supply of pleura, extent of pleura and describe the pleural recesses and their applied anatomy	Practical : PY6.7 Describe and discuss lung function tests & their clinical significance	**S**	Dissection(DOAP) AN24.1 Mention the blood supply, lymphatic drainage and nerve supply of pleura, extent of pleura and describe the pleural recesses and their applied anatomy	CM tutorial Epidemiology of lung disease
Wednesday 18/12/19	Anatomy lecture AN20.7 Identify & demonstrate important bony landmarks of lower limb: -Vertebral levels of highest point of iliac crest, posterior superior iliac spines…… -Medial and lateral	Practical : A: Histo–large intestine B:Biochem BI11.17 lipid profile interpretation C: PhysioPY PY4.10 Demonstrate the correct clinical examination of the	Tutorial Biochem. Batch II Fatty acid synthesis Physio. Batch I Movements of GI tract and related topics	Practical : A: Histo-large intestine B:Biochem BI11.17 , lipid profile interpretation C: Physio PY4.10 Demonstrate the correct clinical examination of the abdomen in a	**C**	Dissection(DOAP) AN20.9 Identify & demonstrate Palpation of vessels (femoral, popliteal,dorsalis pedis,post tibial), Mid inguinal point, Surface projection of: femoral nerve, Saphenous opening, Sciatic, tibial, common peroneal & deep peroneal nerve, Great and small saphenous veins	Tutorial Biochem. Batch II Fatty acid synthesis Physio. Batch II Movements of GI tract and related topics

	malleoli, Condyles of femur and tibia, sustentaculum etc	abdomen in a normal volunteer or simulated environment		normal volunteer or simulated environment			
Thursday 19/12/19- Saturday 21/12/19	**1st Internal Assessment Theory: Anatomy, Physiology, Biochemistry, Com. Med.**						

Days	9-10AM	10-11AM	11-12 PM	12-1.30 PM	1.30-2.30	2.30-4 PM	4- 5 PM
Monday 23/12/19	**Internal Assessment: Viva & Practical**						
Tuesday 24/12/19							
Wednesday 25/12/19	**Merry Christmas: Holiday**						
Thursday 26/12/19	**Internal Assessment: Viva & Practical**						
Friday 27/12/19	Anatomy Lecture AN-21.1 Features of sternum,1st rib,typical rib,thoracic vertebra.	Biochem Lecture De novo Fatty acid synthesis	SDL Biochemistry	Com Med Lecture Revision: health	**S**	Dissection(DOAP) AN21.1 Identify and describe the salient features of sternum	Physio Tutorial/prac revision
Saturday 28/12/19	Physio Lecture PY4.9 Discuss the physiology aspects of: peptic ulcer, gastrooesophageal reflux disease, vomiting, diarrhoea, constipation, Adynamic ileus, Hirschsprung's disease	physio Lecture PY4.9 Discuss the physiology aspects of: peptic ulcer, gastrooesophageal reflux disease, vomiting, diarrhoea, constipation, Adynamic ileus, Hirschsprung's disease	SDL Anatomy	Physio Tutorial/prac PY4.10 Demonstrate the correct clinical examination of the abdomen in a normal volunteer or simulated environment	**S**	Dissection(DOAP) AN21.1 Identify and describe the salient features of typical rib, Ist rib	Yoga & extracurricular

Days	9-10AM	10-11AM	11-12 PM	12-1.30 PM	1.30-2.30	2.30-4 PM	4- 5 PM

Monday 30/12/19	Anatomy Lecture- development of face. VI	Anatomy Lecture- lesser sac,mesentry,epiploic foramen	AETCOM SDL Module 1.2: What does it mean to be a patient? Demonstrate empathy in patient encounters	Practical : A: Histo-appendix B:Biochem BI 11.17, lipid profile interpretation C: Physio REVISION: Hematology	**S**	Dissection(DOAP) AN21.1 Identify and describe the salient features of typical rib, Ist rib	Physio Tutorial/prac Assessment: hematology
Tuesday 31/12/19	Physio Lecture GI system seminar	physio Lecture GI sysyem revision	SDL Anatomy	Practical : A: Histo-appendix B BI 11.17 lipid profile interpretation C: PhysioPY REVISION: Hematology	**S**	Dissection(DOAP) AN21.1 Identify and describe the salient features of typical rib, 2,11,12 vertebrae	Tutorial AETCOM Module 1.2: What does it mean to be a patient? exploratory session
Wednesday 1/1/20	**New Year Holiday**						
Thursday 2/1/20	Early clinical Exposure Hospital visit,Seminar on syndromes : Physiology			Biochem Lecture BI4.2 fatty acid metabolism, Fatty acid oxidation	**E**	Dissection(DOAP) AN21.2 Identify & describe the features of 2nd, 11th and 12th ribs, 1st, 11th and 12th thoracic vertebrae	Biochem Tutorial/prac Free radical and Antioxidants
Friday 3/1/20	Anatomy Lecture AN21.4 Describe & demonstrate extent, attachments, direction of fibres, nerve supply and actions of intercostal muscles	Biochem Lecture BI4.2 fatty acid metabolism, Fatty acid oxidation	SDL Biochemistry	Com Med Lecture CM1.4 Describe and discuss the natural history of disease	**S**	Dissection(DOAP) AN21.3 Describe & demonstrate the boundaries of thoracic inlet, cavity and outlet	Physio Tutorial/prac Measurement of blood pressure
Saturday 4/1/20	Physio Lecture PY5.1 Describe the functional anatomy of heart including chambers, sounds; and Pacemaker tissue and conducting system.	Physio Lecture PY5.2 Describe the properties of cardiac muscle including its morphology, electrical, mechanical and metabolic functions	SDL Anatomy	Physio PY5.3 Discuss the events occurring during the cardiac cycle	**S**	Dissection(DOAP) AN21.4 Describe & demonstrate extent, attachments, direction of fibres, nerve supply and actions of intercostal muscles	Yoga & extracurricular

Days	9-10AM	10-11AM	11-12 PM	12-1.30 PM	1.30-2.30	2.30-4 PM	4- 5 PM

Monday 6/1/20	Anatomy Lecture -AN21.5 Describe & demonstrate origin, course, relations and branches of a typical intercostal nerve	Anatomy Lecture AN21.6 Mention origin, course and branches/ tributaries of: 1) anterior & posterior intercostal vessels 2) internal thoracic vessels	AETCOM hospital visit Module 1.2: What does it mean to be a patient? Demonstrate empathy in patient encounters	Practical : A: Histo$_{liver}$ $_{s}$B:Biochem BI11.21 Serum urea estimation C: PhysioPY 2.11 Hemoglobin estimation	**S**	Dissection(DOAP) AN21.5 Describe & demonstrate origin, course, relations and branches of a typical intercostal nerve	Anatomy Tutorial/prac AN21.4 Describe & demonstrate extent, attachments, direction of fibres, nerve supply and actions of intercostal muscles
Tuesday 7/1/20	Physio Lecture PY5.4 Describe generation, conduction of cardiac impulse	physio Lecture PY5.5 Describe the physiology of electrocardiogram (E.C.G), its applications and the cardiac axis	Tutorial Biochem. Batch I BI8.1 Fat soluble vitamins Physio. Batch II Interpretation of normal ECG	Practical : A: Histo–liver B:Biochem BI11.21 Serum urea estimation C: PhysioPY 2.11 Hemoglobin estimation	**S**	Dissection(DOAP) AN21.6 Mention origin, course and branches/ tributaries of: 1) anterior & posterior intercostal vessels 2) internal thoracic vessels	Assessment AETCOM: module 1.2
Wednesday 8/1/20	Anatomy Lecture-d Lecture-AN21.7 Origin. Course, Relations of Atypical intercostals Nerve,sup inter & subcostal art evelopment liver,biliary apparatus	Anatomy Lecture AN21.8, Manubriosternal, Costovertebral, Costotransverse, Xiphisternal	Tutorial Biochem. Batch I BI8.1 Fat soluble vitamins Physio. Batch II Interpretation of normal ECG	Practical : A: Histo-liver B:Biochem BI11.21 Serum urea estimation C: PhysioPY 2.11 Hemoglobin estimation	**C**	Dissection(DOAP) AN21.8 Describe & demonstrate type, articular surfaces & movements of manubriosternal, costovertebral, costotransverse and xiphisternal joints	Physio Tutorial prac Record of pulse in diff grades of exercises and postures
Thursday 9/1/20	Early Clinical exposure Anatomy AN25.7 Identify structures seen on a plain x-ray chest (PA view, AN25.8 Identify and describe in brief a barium swallow			Biochem Lecture BI 5.3. digestion and absorption of dietary proteins	**E**	Dissection(DOAP) AN21.9 Describe & demonstrate mechanics and types of respiration	Biochem BI8.1 Fat soluble vitamins BI6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency
Friday 10/1/20	Anatomy Lecture AN21.10, Costochondral & Interchondral jts	Biochem Lecture BI 5.4 Toxicity and Disposal of ammonia:Transaminati on	SDL Biochemistry	Com Med Lecture CM1.4 Describe and discuss the natural history of disease	**S**	Dissection(DOAP) AN22.1 Describe & demonstrate subdivisions, sinuses in pericardium, blood supply and nerve supply of pericardium	Physio Tutorial/prac Record of pulse in diff grades of exercises and postures
Saturday 11/1/20	Physio Lecture PY5.7 Describe and discuss haemodynamics of circulatory system	physio Lecture PY5.8 Describe and discuss local and systemic cardiovascular regulatory Mechanisms	SDL Anatomy	Physio Tutorial/prac Interpretation of normal ECG (FA)	**S**	Dissection(DOAP) AN22.2 Describe & demonstrate external and internal features of each chamber of heart	Yoga & extracurricular

Days	9-10AM	10-11AM	11-12 PM	12-1.30 PM	1.30-2.30	2.30-4 PM	4- 5 PM
Monday 13/1/20	Anatomy Lecture- AN21.11 Boundery & Content of sup, Middle,ant,& Post mediastinum	Anatomy Lecture Lec-22.4, Anatomical basis Of ischemic heart Disease.	AETCOM lecture Module 1.3: The doctor-patient relationship	Practical : A: Histo$_{pancreas}$ B:Biochem BI11.21 Serum urea estimation C: PhysioPY PY 5.15 Clinical CVS examination	**S**	Dissection(DOAP) AN22.3 Describe & demonstrate origin, course and branches of coronary arteries	Anatomy Tutorial/prac AN21.11 Mention boundaries and contents of the superior, anterior, middle and posterior mediastinum
Tuesday 14/1/20	Tutorial Biochem. Batch I BI6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency Physio. Batch II Record of **BP at rest**	Practical : A: Histo$_{pancreas}$ B:Biochem BI11.21 Serum urea estimation C: PhysioPY PY 5.15 Clinical CVS examination	Practical : A: Histo-$_{pancreas}$B:Biochem BI11.21 Serum urea estimation C: PhysioPY PY 5.15 Clinical CVS examination	Physio Lecture PY 5.6a ECG: Arrythmia Heart block	**S**	Dissection(DOAP) AN22.2 Describe & demonstrate external and internal features of each chamber of heart	physio Lecture PY 5.6b ECG: MI
Wednesday 15/1/20	Anatomy Lecture- AN22.6 Fibrous skeleton of heart	Anatomy Lecture 22.7 Conducting sys of heart.	Tutorial Biochem. Batch II BI6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency Physio. Batch I Record of **BP at rest**	Physio Tutorial prac Record of **BP** in diff grades of exercises and postures	**C**	Dissection(DOAP) AN22.7 Mention the parts, position and arterial supply of the conducting system of Heart	AETCOM tutorial Patient consent before clinical examination
Thursday 16/1/20	Early clinical Exposure Rural centre visit Sanitation and food safety practices			Biochem Lecture BI 5.5 Deamination, alanine cycle	**E**	Dissection(DOAP) AN23.2 Thoracic duct extent,relation Applied.	Biochem BI6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency
Friday 17/1/20	Anatomy Lecture AN 23.4 Arch of aorta, Descending aorta	Biochem Lecture BI 5.4 Urea cycle & disorders	SDL Biochemistry	Com Med Lecture CM1.5 Describe the application of interventions at various levels of prevention	**S**	Dissection(DOAP) AN23.3 Superior venacava,azygos, Hemiazygos,accessory Hemiazygos .	Physio Tutorial/prac Record of **BP** in diff grades of exercises and postures

Saturday 18/1/20	Physio Lecture PY 5.9a Regulalation of HR	physio Lecture PY 5.9b Regulalation of CO & BP	SDL Anatomy	Physio Tutorial/prac PY5.14 Observe cardiovascular autonomic function tests in a volunteer or simulated environment	**S**	Dissection(DOAP) AN23.5 Thoracic sympathetic Chain.	Yoga & extracurricular

Days	9-10AM	10-11AM	11-12 PM	12-1.30 PM	1.30-2.30	2.30-4 PM	4- 5 PM
Monday 20/1/20	Anatomy Lecture- AN 23.6 Splanchnic nerve	Anatomy Lecture- An-23.7 Extent ,relation, applied anatomy of lymphatic duct	AETCOM lecture Module 1.3: The doctor-patient relationship	Practical : A: Histo-spleen B:Biochem BI11.21 Serum total protein estimation C: Physio PY 5.15 Clinical CVS examination	**S**	Dissection(DOAP) AN24.2 Root of lung ,bronchial tree ,clinical correlation	Anatomy Tutorial/prac Assessment: hematology
Tuesday 21/1/20	Physio Lecture PY 5.10a Lymphatics Coronary cerebral	Physio Lecture PY 5.10a Lymphatics Coronary cerebral	Tutorial Biochem. Batch I BI6.5 Describe the biochemical and explain the manifestations of their deficiency Of Group B vitamins Physio. Batch II PY5.16 Record Arterial pulse tracing using finger plethysmography	Practical : A: Histo-spleen B:Biochem BI11.21 Serum total protein estimation C: Physio PY 5.15 Clinical CVS examination	**S**	Dissection(DOAP) An24.4 Phrenic nerve	Tutorial CM CM1.5 Describe the application of interventions at various levels of prevention
Wednesday 22/1/20	Anatomy Lec- AN24.1 Pleura,recesses, B/S,N/S,L/D, Applied.	Anatomy Lec- AN24.3 Bronchopulmonary segment	Tutorial Biochem. Batch II BI6.5 Describe the biochemical and explain the manifestations of their deficiency Of Group B vitamins Physio. Batch I PY5.16 Record Arterial pulse tracing using finger plethysmography	Practical : A: Histo-spleen B:Biochem BI11.21 Serum total protein estimation C: Physio PY 5.15 Clinical CVS examination	**C**	Dissection(DOAP) AN25.1 Trachea,lung draw &Level	Physio Tutorial prac FA: PULSE and BP
Thursday 23/1/20	**Netaji Jayanti Holiday**						
Friday 24/1/20	Anatomy Lecture- AN 24.5 B/L,N/S,L/D 0f Lung.	Biochem Lecture BI 5.4 Protein metabolism	SDL Biochemistry	Com Med Lecture CM1.5 Describe the application of interventions at various levels of prevention	**S**	Dissection(DOAP) AN25.7 Identify structures seen on a plain x-ray chest (PA view)	Physio Tutorial/prac FA: PULSE and BP

Saturday 25/1/20	Physio Lecture PY 5.11a Shock, Syncope	physio Lecture PY 5.11b Heart failure	SDL Anatomy	Physio Tutorial/prac Feedback: CVS examination procedure	**S**	Dissection(DOAP) AN25.8 Identify and describe in brief a barium swallow	Yoga & extracurricular

Days	9-10AM	10-11AM	11-12 PM	12-1.30 PM	1.30-2.30	2.30-4 PM	4- 5 PM
Monday 27/1/20	Anatomy Lecture- AN24.6 trachea	Anatomy Lecture AN25.2 Development Pleura, hearSt, lung	AETCOM lecture Module 1.3: The doctor-patient relationship :empathy towards patient	Practical : A: Histo–lymph node B:Biochem BI11.21 Serum creatinine estimation C: Physio: PY 5.15 Clinical CVS examination	**S**	Dissection(DOAP) Assessment: Thorax	Anatomy Tutorial/prac AN25.9DOAP, surface marking of heart lung
Tuesday 28/1/20	Physio SEMINAR CVS	physio SEMINAR CVS	**Tutoria**l Biochem. Batch I BI6.5 Describe the biochemical and explain the manifestations of their deficiency Of Group B vitamins Physio. Batch II	Practical : A: Histo–lymph node B:Biochem BI11.21 Serum creatinine estimation C: PhysioPY PY 5.15 Clinical CVS examination	**S**	Dissection(DOAP) Assessment: Thorax	Tutorial AETCOM Module 1.3: The doctor-patient relationship :empathy towards patient
Wednesday 29/1/20	Anatomy Lecture- AN25.3 Fetal circulation & changes at birth	Anatomy Lecture- AN25.4 Embryological Basis of atrial & Ventricular septal Defect ,fallots Tetralogy ,tarcheo Eosophgeal fistula	Tutorial Biochem. Batch II BI6.5 Describe the biochemical and explain the manifestations of their deficiency Of Group B vitamins Physio. Batch I	Practical : A: Histo–lymph node B:Biochem BI11.21 Serum creatinine estimation C: PhysioPY PY 5.15 Clinical CVS examination	**C**	Dissection(DOAP) Assessment: Thorax	Physio Tutorial prac FA Clinical CVS exam
Thursday 30/1/20	**Saraswati Puja: Holiday**						

Friday 31/1/20	Anatomy Lecture- AN25.5 Congenital Anomalies of heart	Biochem Lecture BI 5.4 Metabolism of methionine, HCy, His	SDL Biochemistry	Com Med Lecture CM1.6 Describe and discuss the concepts, the principles of Health promotion and Education, IEC and Behavioral change communication (BCC)	**S**	Dissection(DOAP) AN25.7 Identify structures seen on a plain x-ray chest (PA view)	Physio Tutorial/prac FA Clinical CVS
Saturday 1/2/20	Physio Lecture PY 7.1 Kidney	physio Lecture PY 7.2 JGA & RAAS	SDL Anatomy	Physio Tutorial/prac Clinical CVS examination	**S**	Dissection(DOAP) AN26.1 Demonstrate anatomical position of skull, Identify and locate individual skull bones in skull	Yoga & extracurricular

Days	9-10AM	10-11AM	11-12 PM	12-1.30 PM	1.30-2.30	2.30-4 PM	4- 5 PM
Monday 3/2/20	Anatomy Lecture AN25.6 Develop of SVC, IVC,& coronary sinus	Anatomy Lecture AN25.5 Describe developmental basis of congenital anomalies, transposition of great vessels, dextrocardia, patent ductus arteriosus and coarctation of aorta	AETCOM SDL Module 1.3: The doctor-patient relationship	Practical : A: Histo–skin sB:Biochem 11.21 assessment: urea, Cr,Total protein estimation C: PhysioPY PY 5.15 Clinical CVS examination	**S**	Dissection(DOAP) AN26.3 Describe cranial cavity, its subdivisions, foramina and structures passing through them	Anatomy Tutorial/prac Assessment: hematology
Tuesday 4/2/20	Physio Lecture PY 7.3a Filtration	physio Lecture PY 7.3b Tubular reabsorption	Tutorial Biochem. Batch I Group B Vitamins Physio. Batch II PY 7.8 Renal Function Tests	Practical : A: Histo–skin B:Biochem 11.21 assessment: urea, Cr,Total protein estimation C: PhysioPY PY 5.15 Clinical CVS examination	**S**	Dissection(DOAP) AN26.4 Describe morphological features of mandible	Tutorial CM CM1.6 Describe and discuss the concepts, the principles of Health promotion and Education, IEC and Behavioral change communication (BCC)
Wednesday 5/2/20	Anatomy L AN26.6 Membranous Ossification	Anatomy L AN27.2 Emissary vein, Spread of infection From extra to Intracranial sinus	Tutorial Biochem. Batch II Group B Vitamins Physio. Batch I PY 7.8 Renal Function Tests	Practical : A: Histo– skin B:Biochem 11.21 assessment: urea, Cr,Total protein estimation C: PhysioPY PY 5.15 Clinical CVS examination	**C**	Dissection(DOAP) AN26.5 Describe features of typical and atypical cervical vertebrae (atlas and axis)	Physio Tutorial prac Instruments: Benedict-Roth
Thursday 6/2/20	Early clinical Exposure clinical lab visit, chromatogram/clinical chart: metabolic disorders, interpretation			Biochem Lecture BI 5.4 Glycine ,Serine, Alanine metabolism	**E**	Dissection(DOAP) AN26.7 Describe the features of the 7th cervical vertebra	Biochem BI 11.17.Liver function tests Chart, interpretation

Friday 7/2/20	Anatomy Lecture- AN27.1 scalp	Biochem Lecture BI 5.4 Phenyl ala, Tyr metabolism	SDL Biochemistry	Com Med Lecture CM1.6 Describe and discuss the concepts, the principles of Health promotion and Education, IEC and Behavioral change communication (BCC)	**S**	Dissection(DOAP) AN28.1 Describe & demonstrate muscles of facial expression and their nerve Supply	Physio Tutorial/prac Instruments: Benedict-Roth
Saturday 8/2/20	Physio Lecture PY 7.3c Conc and….	physio Lecture PY 7.4 Renal clearence	SDL Anatomy	Physio Tutorial/prac PY 7.7 Artificial kidney, Dialysis,…	**S**	Dissection(DOAP) AN28.3 Describe & demonstrate origin /formation, course, branches /tributaries of facial vessell	Yoga & extracurricular

Days	9-10AM	10-11AM	11-12 PM	12-1.30 PM	1.30-2.30	2.30-4 PM	4- 5 PM
Monday 10/2/20	Anatomy Lecture- AN28.2 Sensory innervat Ion of face	Anatomy Lecture AN28.4 Facial nerve	AETCOM SDL Module 1.3: The doctor-patient relationship	Practical : A: Histo-kidney B:Biochem BI11.22 Calculate albumin: globulin (AG)ratio and creatinine clearance C: Physio Instruments: Benedict Roth	**S**	Dissection(DOAP) AN28.6 Identify superficial muscles of face, their nerve supply and actions	Anatomy Tutorial/prac Assessment:
Tuesday 11/2/20	Physio Lecture PY 7.6 Urinary bladder and Micturution	physio Lecture PY 7.9 Cystometry Cystometrogram	Tutorial Biochem. Batch I BI 6.5 Vitamin C Physio. Batch II FA: Excretory system	Practical : A: Histo-kidney B:Biochem BI11.22 Calculate albumin: globulin (AG)ratio and creatinine clearance C: Physio Instruments: Benedict Roth	**S**	Dissection(DOAP) AN28.9 Describe & demonstrate the parts, borders, surfaces, contents, relations ……. course of its duct and surgical importance	Tutorial AETCOM Module 1.3: The doctor-patient relationship: interactive discus..
Wednesday 12/2/20	Anatomy Lecture- AN28.5 Cervical L/N, L/D of head,neck, face	Anatomy Lecture AN28.7 Facial nerve palsy	Tutorial Biochem. Batch II BI 6.5 Vitamin C Physio. Batch I FA: Excretory system	Practical : A: Histo-kidney B:Biochem BI11.22 Calculate albumin: globulin (AG)ratio and creatinine clearance C: Physio Instruments: Benedict Roth	**C**	Dissection(DOAP) AN29.1 Describe & demonstrate attachments, nerve supply, relations and actions of sternocleidomastoid	Physio STEP test
Thursday 13/2/20	Early clinical Exposure Physiology Nephrotic syndrome, PSGN, RF			Biochem Lecture Bi 5.4.Phe,Tyr, Trp metabolism and special products	**E**	Dissection(DOAP) AN29.4 Describe & demonstrate attachments of 1) inferior belly of omohyoid, 2)scalenus anterior, 3) scalenus medius & 4) levator scapulae	Biochem BI 11.17.Liver function tests Chart, interpretation

Friday 14/2/20	Anatomy Lecture- AN28.8 Surgical importance of deep facial vein	Biochem Lecture Inborn errors of amino acid metabolism BI11.5 Describe screening of urine for inborn errors & describe the use of paperchromatography	SDL Anatomy AN30.2 Describe & identify major foramina with structures passing through them	Com Med Lecture CM1.7 Enumerate and describe health indicators	**S**	Dissection(DOAP) AN30.1 Describe the cranial fossae & identify related structures	Yoga & extracurricular
Saturday 15/2/20	Physio Lecture PY7.1 Describe structure and function of kidney	physio Lecture PY7.2 Describe the structure and functions of juxta glomerular apparatus and role of renin-angiotensin system	Biochemistry BI 6.7 maintenance of pH water balance BI6.8 Discuss and interpret results of Arterial Blood Gas (ABG) analysis in various disorders.	Physio Tutorial/prac PY7.4 Describe & discuss the significance & implication of Renal Clearance	**S**	Dissection(DOAP) BI 6.13(integ). Kidney structure and anomalies	Phy/Bio PY7.8 Describe & discuss Renal Function Tests

Days	9-10AM	10-11AM	11-12 PM	12-1.30 PM	1.30-2.30	2.30-4 PM	4- 5 PM
Monday 17/2/20	Anatomy Lecture- AN28.10 Anatomical basis of freys syndrome	Anatomy Lecture- AN29.2 Erbs & kumpkes Palsy	AETCOM Module 1.3: The doctor-patient relationship: discussion	Practical : A: Histo-trachea sB:Biochem BI11.12 Demonstrate the estimation of serum bilirubin C: PhysioPY Dale's b..	**S**	Dissection- AN30.3 DOAP, small group discussion. AN30.3 Describe & identify dural folds & dural venous sinuses	AnatomyTutorial/prac AN30.3 Describe & identify dural folds & dural venous sinuses
Tuesday 18/2/20	Physio Lecture PY 10.1 Organisatio of Nervous system	physio Lecture PY 10.2 synapse, reflex, receptors	Tutorial Biochem. Batch I Formative assessment Physio. Batch II Physiology of neuron	Practical : A: Histotrachea B:Biochem BI11.12 Demonstrate the estimation of serum bilirubin C: PhysioPY Dale's b..	**S**	Dissection(DOAP) AN31.1 Describe & identify extra ocular muscles of eyeball	Tutorial CM CM1.7 Enumerate and describe health indicators
Wednesday 19/2/20	Anatomy Lecture- AN30.4 Dural vevous Sinus.	Anatomy Lecture- AN30.5 Effect of Pituitary tumor On visual path Ways	Tutorial Biochem. Batch II Formative assessment Physio. Batch I Physiology of neuron	Practical : A: Histotachea B:Biochem BI11.12 Demonstrate the estimation of serum bilirubin C: PhysioPY Dale's b..	**C**	Dissection(DOAP) AN31.2 Describe & demonstrate nerves and vessels in the orbit	Physio Tutorial prac Hand grip dynamometer
Thursday 20/2/20	Early clinical Exposure Anatomy Eyeball applied anatomy, Visual movements, Horners syndrome			Biochem Lecture BI6.11 Describe the functions of haem in the body and describe the processes involved in its metabolism and describe porphyrinmetabolism. Heme synthesis	**E**	Dissection(DOAP) AN33.1 Describe & demonstrate extent, boundaries and contents of temporal and infratemporal fossae	Biochem BI6.2 Describe and discuss nucleotide chemistry and metabolic processes involved.

Friday 21/2/20	Anatomy Lecture- AN31.4 Enumerate components of lacrimal apparatus	Biochem Lecture BI6.11 Describe the functions of haem in the body and describe the processes involved in its metabolism and describe porphyrinmetabolism. Heme synthesis	SDL Biochemistry	Com Med Lecture CM1.8 Describe the Demographic profile of India and discuss its impact on health	**S**	Dissection(DOAP) AN33.2 Describe & demonstrate attachments, direction of fibres, nerve supply and actions of muscles of mastication	Physio Tutorial/prac Hand grip Dynamometer
Saturday 22/2/20	Physio Lecture PY PY 10.3 Somatic Sensation and Sensory tracts	physio Lecture Physiology of pain	SDL Anatomy	Physio Tutorial/prac Cardio-resp integration in exercise	**S**	Dissection(DOAP) AN33.3 Describe & demonstrate articulating surface, type & movements of temporomandibular joint	Yoga & extracurricular

ys	9-10AM	10-11AM	11-12 PM	12-1.30 PM	1.30-2.30	2.30-4 PM	4- 5 PM
Monday 24/2/20	Anatomy AN31.4 Lacrimal Apparatus.	Anatomy Lecture- Oculomotor, Abducent,trochler Nerve	AETCOM/CM lecture Module 1.3: The doctor-patient relationship: discussion	Practical : A: Histo-lung Biochem BI11.13 Demonstrate the estimation of SGOT/ SGPT C: Physio Instruments:bicycle ergometer	**S**	Dissection(DOAP) AN32.2 Describe & demonstrate boundaries and contents of muscular, carotid, digastric and submental triangles	Anatomy Tutorial/prac Formative assessment: eyeball
Tuesday 25/2/20	Physio Lecture PY10.4a Motor tract	physio Lecture PY10.7a Physiology of Basal gangliua	Tutorial Biochem. Batch I BI6.2 Describe and discuss nucleotide chemistry and metabolic processes involved. Physio. Batch II Physiology of sensory system	Practical : A: Histo-lung B:Biochem BI11.13 Demonstrate the estimation of SGOT/ SGPT C: Physio Instruments:bicycle ergometer	**S**	Dissection(DOAP) AN32.1 Describe boundaries and subdivisions of anterior triangle	Tutorial AETCOM Module 1.3: The doctor-patient relationship: discussion
Wednesday 26/2/20	Anatomy Lecture- AN32.1 Anterior triangle	Anatomy Lecture – AN33.4 Pterygoid venous Plexus	Tutorial Biochem. Batch II BI6.2 Describe and discuss nucleotide chemistry and metabolic processes involved. Physio. Batch I Physiology of sensory system	Practical : A: Histolung B:Biochem BI11.13 Demonstrate the estimation of SGOT/ SGPT C: PhysioPY Instruments:bicycle ergometer	**C**	Dissection(DOAP) AN34.1 Describe & demonstrate the morphology, relations and nerve supply of submandibular salivary gland & submandibular ganglion	Physio Tutorial prac PY10.11 Clinical examination of sensory system
Thursday 27/2/20	Early clinical Exposure Biochemistry Jaundice, charts, case presentaion			Biochem Lecture BI 6.11. Heme degradation and bilirubin metabolism	**E**	Dissection(DOAP) AN35.2 Describe & demonstrate location, parts, borders, surfaces, relations & blood supply of thyroid gland	Biochem BI6.3 Describe the common disorders associated with nucleotide metabolism.

Friday 28/2/20	Anatomy Lecture- AN33.5 Dislocation of TM Joint.	Biochem Lecture BI 6.11.,17.11 Jaundice: physiological.pathological	SDL Biochemistry	Com Med Lecture CM1.8 Describe the Demographic profile of India and discuss its impact on health	**S**	Dissection(DOAP) AN35.3 Demonstrate & describe the origin, parts, course & branches subclavian Artery	Physio Tutorial/prac PY10.11 Clinical examination sensory system
Saturday 29/2/20	Physio Lecture PY10.7bPhysiology of Cerebellum	physio Lecture PY10.4b Tone Movements Posture	SDL Anatomy	Physio Tutorial/prac PY10.11 Clinical examination of sensory system	**S**	Dissection(DOAP) AN35.4 Describe & demonstrate origin, course, relations, tributaries and termination of internal jugular & brachiocephalic veins	Yoga & extracurricular

ys	9-10AM	10-11AM	11-12 PM	12-1.30 PM	1.30-2.30	2.30-4 PM	4- 5 PM
Monday 2/3/20	Anatomy Lecture- AN34.2 Formation of Submandibular Stone.	Anatomy Lecture- AN35.1 Deep cervical fascia.	AETCOM Module 1.3: The doctor-patient relationship: discussion and closure	Practical : A: Histo–parotid gland B:Biochem BI11.16. ELISA demonstration C: Physio Instruments: kymograph	**S**	Dissection(DOAP) AN35.5 Describe and demonstrate extent, drainage & applied anatomy of cervical lymph nodes	Anatomy Tutorial/prac AN40.2 Describe & demonstrate the boundaries, contents, relations and functional anatomy of middle ear and auditory tube
Tuesday 3/3/20	Physio Lecture PY10,4c Equilibrium and Vestibular system	physio Lecture PY 10.5a RAS and ANS	Tutorial Biochem. Batch II BI6.4 Discuss the laboratory results of analytes associated with gout & Lesch Nyhan syndrome. Physio. Batch I Physiology of motor sys	Practical : A: Histo-parotid gland B:Biochem BI11.16. ELISA demonstration C: Physio Instruments: kymograph	**S**	Dissection(DOAP) AN35.6 Describe and demonstrate the extent, formation, relation & branches of cervical sympathetic chain	Tutorial CM CM1.9 Demonstrate the role of effective Communication skills in health in a simulated environment
Wednesday 4/3/20	Anatomy Lecture- AN35.7 9^{th} ,10^{th} ,11^{th} ,12^{th} Cranial nerves.	Anatomy Lecture- AN35.7 9^{th} ,10^{th} ,11^{th} ,12^{th} Cranial nerves.	Tutorial Biochem. Batch II BI6.4 Discuss the laboratory results of analytes associated with gout & Lesch Nyhan syndrome. Physio. Batch I Physiology of motor sys	Practical : A: Histo-parotid gland B:Biochem BI11.16. ELISA demonstration C: Physio Instruments: kymograph	**C**	Dissection(DOAP) AN37.1 Describe & demonstrate features of nasal septum, lateral wall of nose,their blood supply and nerve supply	Physio Tutorial prac PY10.11 Clinical examination of motor system

Thursday 5/3/20	Early clinical Exposure Physiology Hemiplegia			Biochem Lecture BI7.1 Describe the structure and functions of DNA and RNA and outline the cell cycle.	**E**	Dissection(DOAP) AN38.1 Describe the morphology, identify structure of the wall, nerve supply, blood supply and actions of intrinsic and extrinsic muscles of the larynx	Biochem tutorial Acid base balance
Friday 6/3/20	Anatomy Lecture- AN35.9 Compression of Subcclavian art, & Lower trunk of Brachial plexus	Biochem Lecture BI 17.1 Properties of DNA, histone, chromatin	SDL Biochemistry	Com Med Lecture Assessment	**S**	Dissection(DOAP) AN39.1 Describe & demonstrate the morphology, nerve supply, embryological basis of nerve supply, blood supply, lymphatic drainage and actions of extrinsic and intrinsic muscles of tongue	Physio Tutorial/prac PY10.11 Clinical examination of motor system
Saturday 7/3/20	Physio Lecture PY 10.5b ANS	physio Lecture PY 10.6a Spinal cord: Description and functions	SDL Anatomy	Physio Tutorial/prac PY10.11 Clinical examination of motor system	**S**	Dissection(DOAP) AN40.1 Describe & identify the parts, blood supply and nerve supply of external ear	Yoga & extracurricular

ys	9-10AM	10-11AM	11-12 PM	12-1.30 PM	1.30-2.30	2.30-4 PM	4- 5 PM
Monday 9/3/20	**Doljatra& Holi holiday**						
Tuesday 10/3/20							
Wednesday 11/3/20	Anatomy Lecture- AN35.10 Fascial space in the neck.	Anatomy Lecture- AN36.1 Tonsil, soft palate	Tutorial Biochem. Batch II Renal handling of Acid base balance Physio. Batch I GDF Basal ganglia	Practical : A: Histosubmadibular gland B:Biochem BI11.16. ELISA demonstration C: PhysioPY Revision motor system	**C**	Dissection(DOAP) AN40.2 Describe & demonstrate the boundaries, contents, relations and functional anatomy of middle ear and auditory tube	Physio Tutorial prac PY10.11 Clinical examination of higher functions of the brain
Thursday 12/3/20	Early clinical Exposure Urban centre visit: nutritional assessmrnt, PEM			Biochem Lecture BI 17.1 RNAs	**E**	Dissection(DOAP) AN41.1 Describe & demonstrate parts and layers of eyeball	Biochem Metabolic acidosis and alkalosis, charts

Friday 13/3/20	Anatomy Lecture- palate,soft, hard	Biochem Lecture BI 17.2 Replication: prokaryotic	SDL Biochemistry	Com Med Lecture CM3.1 Describe the health hazards of air, water, noise, radiation and pollution	**S**	Dissection(DOAP) AN42.1 Describe the contents of the vertebral canal	Physio Tutorial/prac PY10.11 Clinical examination of higher functions of the brain
Saturday 14/3/20	Physio Lecture PY 10.6a Spinal cord: Lesion and sensory disturbances	physio Lecture PY10.7c Cerebral cortex	SDL Anatomy	Physio Tutorial/prac PY10.11 Clinical examination of higher functions of the brain	**S**	Dissection(DOAP) AN42.2 Describe & demonstrate the boundaries and contents of Suboccipital Triangle	Yoga & extracurricular

ys	9-10AM	10-11AM	11-12 PM	12-1.30 PM	1.30-2.30	2.30-4 PM	4- 5 PM
Monday 16/3/20	Anatomy Lecture- AN36.3 Pyriform fossa	Anatomy Lecture- AN36. Tosilitis, adenoids Peritonsilar abscess.	AETCOM Module 1.4: The foundations of communication – 1	Practical : A: Histo- submandibular gland B:Biochem BI11.16HPLC demonstration C: PhysioPY PY10.11 Clinical examination of Cr Nv 7	**S**	Dissection(DOAP) AN43.1 Describe & demonstrate the movements with muscles producing the movements of atlantooccipital joint & atlantoaxial joint	Anatomy Tutorial/prac AN43.3 Identify, describe and draw microanatomy of olfactory epithelium, eyelid, lip, sclero-corneal junction, optic nerve, cochlea- organ of corti, pineal gland
Tuesday 17/3/20	Physio Lecture PY10.7d Thalamus	physio Lecture PY10.7d Hypothalamus	Tutoria Biochem. Batch II Blood ,respiratory buffers Physio. Batch I PY10.11 Clinical examination of Cr Nv 3,4,6	Practical : A: Histo– submadibular gland B:Biochem BI11.16HPLC demonstration C: Physio PY10.11 Clinical examination of Cr Nv 7	**S**	Dissection(DOAP) AN42.3 Describe the position, direction of fibres, relations, nerve supply, actions of semispinalis capitis and splenius capitis	Tutorial AETCOM Module 1.4: The foundations of communication – 1
Wednesday 18/3/20	Anatomy Lecture- AN36.5 Killans dehiscence	Anatomy Lecture- AN38.2 Describe the anatomical aspects of laryngitis	Tutorial Biochem. Batch II Blood, respiratory buffers Physio. Batch I PY10.11 Clinical examination of Cr Nv 3,4,6	Practical : A: Histo–kidney B:Biochem BI11.16HPLC demonstration C: PhysioPY PY10.11 Clinical examination of Cr Nv 7	**C**	Dissection(DOAP) AN43.5 Demonstrate- 1) Testing of muscles of facial expression, extraocular muscles, muscles of mastication, 2) Palpation of carotid arteries, facial artery, superficial temporal artery, 3) Location of internal and external jugular veins, 4) Location of hyoid bone, thyroid cartilage and cricoids cartilage with their vertebral levels	Physio Tutorial prac PY10.11 Clinical examination of Cr Nv 5

Thursday 19/3/20	Early clinical Exposure clinical lab visit, clinical chart. hemogram			Biochem Lecture BI 17.2 Eukaryotic DNA: replication	**E**	Dissection(DOAP) AN43.6 Demonstrate surface projection of- Thyroid gland, Parotid gland and duct, Pterion, Common carotid artery, Internal jugular vein, Subclavian vein, External jugular vein, Facial artery in the face & accessory nerve	Biochem BI 17.11 Respiratory acidosis & alkalosis
Friday 20/3/20	Anatomy Lecture- AN37.2 Describe location and functional anatomy of paranasal sinuses	Biochem Lecture BI 17.2 DNA repair	SDL Biochemistry	Com Med Lecture CM3.1 Describe the health hazards of air, water, noise, radiation and pollution	**S**	Dissection(DOAP) AN43.7 Identify the anatomical structures in 1) Plain x-ray skull, 2) AP view and lateral view 3) Plain x-ray cervical spine-AP and lateral view 4) Plain xray of paranasal sinuses	Physio Tutorial/prac PY10.11 Clinical examination of Cr Nv 5
Saturday 21/3/20	Physio Lecture PY10.7f Limbic system	physio Lecture PY10.8 Sleep	SDL Anatomy	Physio Tutorial/prac PY 10.12 Normal EEG	**S**	Dissection(DOAP) AN43.8 Describe the anatomical route used for carotid angiogram and vertebral Angiogram	Yoga & extracurricular

ys	9-10AM	10-11AM	11-12 PM	12-1.30 PM	1.30-2.30	2.30-4 PM	4- 5 PM
Monday 23/3/20	Anatomy Lecture- AN37.3 Sinusitis,maxillary Sinus tumour	Anatomy Lecture- AN38.2,38.3 Laryngitis Recurrent Laryngeal nerve Injury.	AETCOMlecture Module 1.4: The foundations of communication – 1	Practical : A: Histo-kidney sB:Biochem BI 11.16. PAGE demonstration C: PhysioPY 2.11 Hemoglobin estimation	**S**	Dissection(DOAP) AN43.9 Identify anatomical structures in carotid angiogram and vertebral Angiogram	Physio Tutorial/prac AN43.3 Identify, describe and draw microanatomy of olfactory epithelium, eyelid, lip, sclero-corneal junction, optic nerve, cochlea-organ of corti, pineal gland
Tuesday 24/3/20	Physio Lecture	physio Lecture	Tutorial Biochem. Batch II Genetic code Physio. Batch I	Practical Histo-kidney B:Biochem BI 11.16. PAGE demonstration C: PhysioPY 2.11 Hemoglobin estimation	**S**	Dissection(DOAP) AN43.5 Demonstrate- 1) Testing of muscles of facial expression, extraocular muscles, muscles of mastication, 2) Palpation of carotid arteries, facial artery, superficial temporal artery,	Tutorial CM CM3.3 Describe the aetiology and basis of water borne diseases /jaundice/hepatitis/ diarrheal diseases

Wednesday 25/3/20	Anatomy Lecture- AN40.3 & 40.4 Internal ear,otitis Media,externa.	Anatomy Lecture- AN40.5 & 41.3 Myringotomy, Intraocular muscle	Tutorial Biochem. Batch II Genetic code Physio. Batch I PY 3.2Physiology of Tetanus	Practical : A: Histo-ureter B:Biochem BI 11.16. PAGE demonstration C: PhysioPY 2.11 Hemoglobin estimation	**C**	Dissection(DOAP) AN43.5 Demonstrate- 3) Location of internal and external jugular veins, 4) Location of hyoid bone, thyroid cartilage and cricoids cartilage with their vertebral levels	Physio Tutorial prac Assessment
Thursday 26/3/20	Early clinical Exposure Physiology Case: Parkinsons disease , hearing loss			Biochem Lecture BI 17.2 Transcription:	**E**	Dissection(DOAP) AN43.9 Identify anatomical structures in carotid angiogram and vertebral Angiogram	Biochem Anion gap, applied
Friday 27/3/20	Anatomy Lecture- AN41.2 Cataract, glaucoma, Central retinal Artery occlusion	Biochem Lecture BI 17.2 Transcription: eukaryotic	SDL Biochemistry	Com Med Lecture CM3.3 Describe the aetiology and basis of water borne diseases/jaundice/hepatitis/ diarrheal diseases	**S**	Dissection- assessment	Physio Tutorial/prac PY10.11 Clinical examination of Cr Nv 10
Saturday 28/3/20	Physio Lecture PY10.6 Describe and discuss Spinal cord, its functions, lesion & sensory Disturbances	physio Lecture PY10.6 Describe and discuss Spinal cord, its functions, lesion & sensory Disturbances	Anatomy AN57.4 Enumerate ascending & descending tracts at mid thoracic level of spinal cord	Physio Tutorial/prac PY10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves in a normal volunteer or simulated environment	**S**	Dissection(DOAP) AN57.1 Identify external features of spinal cord . AN57.3 Draw & label transverse section of spinal cord at mid-cervical & midthoracic Level	Anatomy AN57.5 Describe anatomical basis of syringomyelia

ys	9-10AM	10-11AM	11-12 PM	12-1.30 PM	1.30-2.30	2.30-4 PM	4- 5 PM
Monday 30/3/20	Anatomy Lecture-44.3 Rectus sheath	Anatomy Lecture 44.5 & 44.7 Inguinal hernia, CommonAbdominal Incision.	AETCOM Module 1.4: The foundations of communication – 1	Practical : A: Histoureter sB:Biochem BI 11.16. Autoanalyser C: Physio PY10.11 Clinical examination of Cr Nv 11	**S**	Dissection(DOAP) AN44.6 Describe & demonstrate attachments of muscles of anterior abdominal Wall	AnatomyTutorial/prac AN47.5 Describe & demonstrate major viscera of abdomen to peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)
Tuesday 31/3/20	Physio Lecture PY10.13a & 14a Smell	physio Lecture PY10.13b & 14b Taste	Tutorial Biochem. Batch II BI 17.2 translation Physio. Batch I Physiology of Thalamus	Practical : A: Histo–ureter B:Biochem BI 11.16. Autoanalyser C: Physio PY 10.11 Clinical	**S**	Dissection(DOAP) AN44.6 Describe & demonstrate attachments of muscles of anterior abdominal Wall	Tutorial AETCOM Module 1.4: The foundations of communication – 1

				examination of Cr Nv 11			
Wednesday 1/4/20	Anatomy Lecture- 45.3 Back muscle	Anatomy Lecture- 46.4 Varicocoele.	Tutorial Biochem. Batch II BI 17.2 translation Physio. Batch I Physiology of Thalamus	Practical : A: Histo– prostate B:Biochem BI 11.16. Autoanalyser C: Physio PY10.11 Clinical examination of Cr Nv 11	**C**	Dissection(DOAP) AN47.1 Describe & identify boundaries and recesses of Lesser & Greater sac	Physio Tutorial prac PY10.11 Clinical examination of Cr Nv 12
Thursday 2/4/20	Early clinical Exposure Anatomy Radiological findings in GI dis			Biochem Lecture BI7.3 Describe gene mutations and basic mechanism of regulation of gene Expression, Operon	**E**	Dissection(DOAP) AN47.2 Name & identify various peritoneal folds & pouches with its explanation	Biochem BI7.4 Describe applications of molecular technologies like recombinant DNA technology, PCR in the diagnosis and treatment of diseases with genetic basis.
Friday 3/4/20	Anatomy Lecture- 47.3 & 47.4 Ascities,peritonitis, Subphrenic abscess	Biochem Lecture BI 17.3 Regulation of gene expression, RNA editing etc	SDL Biochemistry	Com Med Lecture CM5.1 Describe the common sources of various nutrients and special nutritional requirements according to age, sex, activity, physiological conditions	**S**	Dissection(DOAP) AN47.2 Name & identify various peritoneal folds & pouches with its explanation	Physio Tutorial/prac PY10.11 Clinical examination of Cr Nv 12
Saturday 4/4/20	Physio Lecture PY10.15a Ear and auditory pathways	physio Lecture PY10.15b Hearing	Anatomy AN40.2 Describe & demonstrate the boundaries, contents, relations and functional anatomy of middle ear and auditory tube	Physio Tutorial/prac PY10.11 Clinical examination of Cr Nv 8	**S**	Dissection(DOAP) AN40.2 Describe & demonstrate the boundaries, contents, relations and functional anatomy of middle ear and auditory tube	Yoga & extracurricular

ys	9-10AM	10-11AM	11-12 PM	12-1.30 PM	1.30-2.30	2.30-4 PM	4- 5 PM
Monday 6/4/20	Anatomy Lecture- 47.7 Calots tringle	Anatomy Lecture- AN47.10 ,11:Enumerate the sites of portosystemic anastomosis; caput medusa	AETCOM lecture Module 1.4: The foundations of communication – 1	Practical : A: Histo-prostate B:Biochem Tumour markers C: Physio PY1020 Clinical examination of Hearing	**S**	Dissection(DOAP) AN47.6 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's sign, Different types of vagotomy, Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach	Anatomy Tutorial/prac AN47.8 Describe & identify the formation, of Portal vein, Inferior vena cava & Renal vein

Tuesday 7/4/20	Physio Lecture PY10.9 Describe and discuss the physiological basis of memory, learning and speech	physio Lecture PY10.9 Describe and discuss the physiological basis of memory, learning and speech	Tutorial Biochem. Batch II BI 17.2 translation and protein synth inhibitors Physio. Batch I Fomative assessment	Practical : A: Histo-prostate B:Biochem Tumour markers C: Physio PY1020 Clinical examination of Hearing	**S**	Dissection(DOAP) AN47.6 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's sign, Different types of vagotomy, Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach	Tutorial CM CM5.1 Describe the common sources of various nutrients and special nutritional requirements according to age, sex, activity, physiological Conditions
Wednesday 8/4/20	Anatomy Lecture- 47.12 Nerve plexus of Post abdninal Wall	Anatomy Lecture -47.14 Diaphragm	Tutorial Biochem. Batch II BI 17.2 translation and protein synth inhibitors Physio. Batch I Fomative assessment	Practical : A: Histo–uterine tube B:Biochem Tumour markers C: Physio PY1020 Clinical examination of Hearing	**C**	Dissection(DOAP) AN47.9 Describe & identify the origin, course, important relations and branches of Abdominal aorta, Coeliac trunk, Superior mesenteric, Inferior mesenteric & Common iliac artery	Physio Tutorial prac PY11.1 Describe and discuss mechanism of temperature regulation
Thursday 9/4/20	Early clinical Exposure Physiology Ophthalmology OPD: Myopia, Presbyopia, VA,			Biochem BI7.4 Describe applications of molecular technologies like recombinant DNA technology, PCR in the diagnosis and treatment of diseases with genetic basis.	**E**	Dissection(DOAP) AN47.9 Describe & identify the origin, course, important relations and branches of Abdominal aorta, Coeliac trunk, Superior mesenteric, Inferior mesenteric & Common iliac artery	Biochem Genotyping
Friday 10/4/20	**Good Friday/ Shab-e-barat holiday**						
Saturday 11/4/20	Physio Lecture PY10.17 Describe and discuss functional anatomy of eye, physiology of image formation, physiology of vision including colour vision, refractive errors, colour blindness, physiology of pupil and light reflex	physio Lecture PY 10.17a Eye and image formation	Anatomy AN41.2 Describe the anatomical aspects of cataract, glaucoma & central retinal artery occlusion	Physio Tutorial/prac PY10.20 Demonstrate (i) Testing of visual acuity, colour and field of vision	**S**	-small group study AN41.3 Describe the position, nerve supply and actions of intraocular muscles	Yoga & extracurricular

ys	9-10AM	10-11AM	11-12 PM	12-1.30 PM	1.30-2.30	2.30-4 PM	4- 5 PM
Monday 13/4/20	Anatomy Lecture 48.4 Sacral plexus	Anatomy Lecture AN48.5 Explain the anatomical basis of suprapubic cystostomy, Urinary obstruction in benign prostatic hypertrophy,	AETCOM lecture Module 1.4: The foundations of communication – 1	Practical : A: Histo-uterine tube B:Biochem	**S**	Dissection(DOAP) AN48.3 Describe & demonstrate the origin, course, important relations and branches of internal iliac	Anatomy Tutorial/prac Assessment:for mative

		Retroverted uterus, Prolapse uterus, Internal and external haemorrhoids, Anal fistula, Vasectomy, Tubal pregnancy & Tubal ligation		Tumour markers C: PhysioPY revision		artery	
Tuesday 14/4/20	**Bengali New Year Holiday**						
Wednesday 15/4/20	Anatomy Lecture- 48.6 Automatic Bladder.	Anatomy Lecture- AN48.7 Mention the lobes involved in benign prostatic hypertrophy & prostatic Cancer	Tutorial Biochem. Batch II 17.4 PCR Physio. Batch I Assessment	Practical : A: Histo–uterine tube B:Biochem Tumour markers C: PhysioPY revision	**C**	Dissection(DOAP) AN49.2 Describe & identify Perineal body	Physio Tutorial prac PY10.20 Clinical Examination Visual acuity, Colour vision, field of vision
Thursday 16/4/20	Early clinical Exposure Biochemistry Molecular diagnostics lab, blood bank visit			Biochem Lecture BI7.4 Describe applications of cloning in diagnosis and treatment of diseases with genetic basis.	**E**	Dissection(DOAP) AN49.3 Describe & demonstrate Perineal membrane in male & female	Biochem Formative assessment Mol Biology
Friday 17/4/20	Anatomy Lecture- 48.8 Vaginal ,rectal Exam.	Biochem Lecture BI7.4 Describe applications of genotyping, gene therapy in diagnosis and treatment of diseases with genetic basis.	SDL Biochemistry	Com Med Lecture CM5.1 Describe the common sources of various nutrients and special nutritional requirements according to age, sex, activity, physiological conditions	**S**	Dissection(DOAP) AN49.4 Describe & demonstrate boundaries, content & applied anatomy of Ischiorectal fossa	Physio Tutorial/prac PY10.20 Clinical Examination Visual acuity, Colour vision, field of vision
Saturday 18/4/20	Physio Lecture PY 10.18 lesion of visual pathway	physio Lecture PY 10.19 Auditoryb and vestibular evoke potentials	SDL Anatomy	Physio Tutorial/prac PY10.20 Clinical Examination Smell and taste	**S**	Dissection(DOAP) AN49.5 Explain the anatomical basis of Perineal tear, Episiotomy, Perianal abscess and Anal fissure	Yoga & extracurricular

ys	9-10AM	10-11AM	11-12 PM	12-1.30 PM	1.30-2.30	2.30-4 PM	4- 5 PM
Monday 20/4/20	**2nd Internal Assessment examination THEORY**						
Tuesday 21/4/20							

Wednesday 22/4/20	
Thursday 23/4/20	**2nd Internal Assessment examination VIVA & PRACTICALS**
Friday 24/4/20	
Saturday 25/4/20	

ys	9-10AM	10-11AM	11-12 PM	12-1.30 PM	1.30-2.30	2.30-4 PM	4- 5 PM
Monday 27/4/20	Anatomy Lecture- AN50.1 Vertebral curvature	Anatomy Lecture- AN50.3 Lumber puncture AN56.2 Describe circulation of CSF with its applied anatomy	Anatomy Lecture AN50.4 Explain the anatomical basis of Scoliosis, Lordosis, Prolapsed disc, Spondylolisthesis & Spina bifida	Practical : A: Histo: meninges B:Biochem BI11.15 Describe & discuss the composition of CSF	**S**	Dissection(DOAP) AN50.3 Lumber puncture AN56.2 Describe circulation of CSF with its applied anatomy	Physio Tutorial/prac Feedback
Tuesday 28/4/20	Physio Lecture PY 8.6 Mech of hormone action	physio Lecture PY8.1 Describe the physiology of bone and calcium metabolism	Tutorial Biochem. Batch II BI 17.2 Post translational modifications Physio. Batch I revision	Practical : A: Histo-testis B:Biochem Revision C: Physio revision	**S**	Dissection(DOAP) AN52.1 Describe & identify the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, Pylorus of …… Pancreas & Suprarenal gland	Tutorial AETCOM Module 1.4: The foundations of communication – 1
Wednesday 29/4/20	AETCOM/ CM lecture Module 1.4: The foundations of communication – 1	Anatomy Lecture AN52.4 Ant abdominal Wall	Tutorial Biochem. Batch II BI 17.2 Post translational modifications Physio. Batch I revision	Practical : A: Histo-testis B:Biochem Revision C: Physio revision	**C**	Dissection(DOAP) AN52.2 Describe & identify the microanatomical features of: Urinary system: Kidney, Ureter & Urinary bladder Male Reproductive System: Testis, Epididymis,Vas deferens, Prostate & penis Female reproductive system: Ovary, Uterus, Uterine tube, Cervix, Placenta & Umbilical cord	Physio Tutorial prac Formative A
Thursday 30/4/20	Early clinical Exposure Anatomy Varicocele, Inguinal hernia			Biochem Lecture BI 17.4 Applied & clinical genetics	**E**	Dissection(DOAP) AN52.3 Describe & identify the microanatomical features of Cardiooesophageal junction, Corpus luteum	Biochem Formative assessment

Friday 1/5/20	**MAY DAY**						
Saturday 2/5/20	Physio Lecture PY 8.1b Ca metabolism	physio Lecture PY 8.3 Thymus and Pineal	SDL Anatomy	Physio Tutorial/prac Revision: CNS	**S**	Dissection-(DOAP) AN53.1 Identify & hold the bone in the anatomical position, Describe the salient features, articulations & demonstrate the attachments of muscle groups	Yoga & extracurricular

ys	9-10AM	10-11AM	11-12 PM	12-1.30 PM	1.30-2.30	2.30-4 PM	4- 5 PM
Monday 4/5/20	Anatomy Lecture AN52.5 Development, Congenital Anomalies of Diaphragm.	Anatomy Lecture AN52.6 Develop of fore, Mid,hind gut ,anomalies.	AETCOM lecture Module 1.5: The cadaver as our first teacher	Practical : A: Histo-overy B:Biochem BI11.15 Describe & discuss the composition of CSF C: Physio:	**S**	Dissection(DOAP) AN53.2 Demonstrate the anatomical position of bony pelvis & show boundaries of pelvic inlet, pelvic cavity, pelvic outlet	Anatomy Tutorial/prac Assessment:
Tuesday 5/5/20	Physio Lecture PY 8..2 a 8.4 Hypothal and Pituitary	physio Lecture PY 8..2 b 8.4 Thyroid	Tutorial BI6.9 Describe the functions of various minerals in the body, their metabolism and homeostasis. Physio. Batch I PY8.4 Describe function tests: Thyroid gland;	Practical : A: Histo-overy B:Biochem BI11.15 Describe & discuss the composition of CSF C: Physio Hemoglobin estimation	**S**	Dissection(DOAP) AN53.3 Define true pelvis and false pelvis and demonstrate sex determination in male & female bony pelvis	Tutorial AETCOM Module 1.5: The cadaver as our first teacher
Wednesday 6/5/20	Anatomy AN52.7 Develop of Urinary sys.	Anatomy AN52.8 Develop of male Female Reproductive sys	Tutorial Biochem. Batch II BI6.9 Describe the functions of various minerals in the body, their metabolism and homeostasis. Physio. Batch I PY8.4 Describe function tests: Thyroid gland;	Practical : A: Histo-overy-- B:Biochem BI11.15 Describe & discuss the composition of CSF C: PhysioPY 2.11 Hemoglobin estimation	**C**	Dissection(DOAP) AN53.4 Explain and demonstrate clinical importance of bones of abdominopelvic region (sacralization of lumbar vertebra, Lumbarization of 1st sacral vertebra, types of bony pelvis & Coccyx)	Physio Tutorial prac PY8.4 Describe function tests: Thyroid gland; Adrenal cortex, Adrenal medulla and pancreas
Thursday 7/5/20	**Rabindrajayanti Holiday**						
Friday 8/5/20	Anatomy Lecture AN54.3 Describe role of ERCP, CT abdomen, MRI,	Biochem Lecture PA/BI 14.1Describe iron metabolism	SDL Anatomy	Com Med Lecture CM 8.3 Prevention of anaemia	**S**	Dissection(DOAP) AN54.1 Describe & identify features of plain X ray abdomen	Physio Tutorial/prac PY8.4 Describe function tests: Thyroid gland; Adrenal cortex, Adrenal medulla and pancreas

	Arteriography in radiodiagnosis of abdomen						
Saturday 9/5/20	Physio Lecture PY 8..2 c 8.4 Adrenal	physio Lecture PY 8..2 d 8.4 Pancreas	Biochemistry BI6.14 Describe the tests that are commonly done in clinical practice to assess the functions of pancreas and adrenal glands).	Physio Tutorial/prac PY8.4 Describe function tests: Adrenal cortex, Adrenal medulla and pancreas	**S**	Dissection-small group study AN43.4 Describe the development and developmental basis of congenital anomalies of adrenal.pancreas	Yoga & extracurricular

ys	9-10AM	10-11AM	11-12 PM	12-1.30 PM	1.30-2.30	2.30-4 PM	4- 5 PM
Monday 11/5/20	Anatomy Lecture- AN57.2 Describe extent of spinal cord in child & adult with its clinical implication	Anatomy Lecture- AN58.1 Identify external features of medulla oblongata	AETCOM lecture Module 1.5: The cadaver as our first teacher	Practical : A: Histo-adrenal gland B:Biochem BI11.11 Demonstrate estimation of calcium and phosphorous C: Physio: assessment	**S**	Dissection- assessment	Anatomy Tutorial/prac Assessment:
Tuesday 12/5/20	Physio Lecture PY 8.5a Obesity and Met abolSyn	physio Lecture PY 8.5b Stress an Psych components of MetabolSyn	Tutorial Biochem batch I BI 6.9,6.10 Calcium metabolism &regulation Physio. Batch II revision	Practical : A: Histo-adrenal gland B:Biochem BI11.11 Demonstrate estimation of calcium and phosphorous C: Physio assessment	**S**	Dissection(DOAP) AN55.1 Demonstrate the surface marking of; Regions and planes of abdomen, Superficial inguinal ring, Deep inguinal ring , McBurney's point, Renal Angle & Murphy's point	Tutorial CM Assessment: nutrition
Wednesday 13/5/20	Anatomy Lecture AN58.2 Describe transverse section of medulla oblongata at the level of 1) pyramidal decussation, 2) sensory decussation 3) ION	Anatomy Lecture- AN58.3 Enumerate cranial nerve nuclei in medulla oblongata with their functional Group	Tutorial Biochem. Batch II BI 6.9,6.10 Calcium metabolism &regulation Physio. Batch I revision	Practical : A: Histo-adrenal gland B:Biochem BI11.11 Demonstrate estimation of calcium and phosphorous C: Physio: assessment	**C**	Dissection(DOAP) AN55.2 Demonstrate the surface projections of: Stomach, Liver, Fundus of gall bladder, Spleen, Duodenum, Pancreas, Ileocaecal junction, Kidneys & Root of mesentery	Physio Tutorial prac PY9.3 Describe male reproductive system: functions of testis and control of spermatogenesis & factors modifying it and outline its association with psychiatric illness

Thursday 14/5/20	Early clinical Exposure Physiology Bells palsy			Biochem Lecture Hormones, 2nd messanger Signal transduction	**E**	Dissection(DOAP) AN56.1 Describe & identify various layers of meninges with its extent & Modifications	Biochem Cancer & Oncogenes BI10.1 Describe the cancer initiation, promotion oncogenes & oncogene activation. Also focus on p53 & apoptosis
Friday 15/5/20	Anatomy Lecture- limbic system	Biochem Lecture GPCR	SDL Biochemistry	Com Med Lecture CM 8.3 Prevention of anaemia	**S**	Dissection(DOAP) AN58.1 Identify external features of medulla oblongata	Physio Tutorial/prac PY9.3 Describe male reproductive system: functions of testis and control of spermatogenesis & factors modifying it and outline its association with psychiatric illness
Saturday 16/5/20	Physio Lecture PY9.1 Describe and discuss sex determination; sex differentiation and their abnormities and outline psychiatry and practical implication of sex determination	physio Lecture PY9.2 Describe and discuss puberty: onset, progression, stages; early and delayed puberty and outline adolescent clinical and psychological association.	SDL Anatomy	Physio Tutorial/prac PY9.3 Describe male reproductive system: functions of testis and control of spermatogenesis & factors modifying it and outline its association with psychiatric illness	**S**	Dissection(DOAP) AN59.1 Identify external features of pons	Yoga & extracurricular

ys	9-10AM	10-11AM	11-12 PM	12-1.30 PM	1.30-2.30	2.30-4 PM	4- 5 PM
Monday 18/5/20	Anatomy Lecture- AN58.2 Describe transverse section of medulla oblongata at the level of 1) pyramidal decussation, 2) sensory decussation 3) ION	Anatomy Lecture- AN58.3 Enumerate cranial nerve nuclei in medulla oblongata with their functional Group	AETCOM lecture Module 1.5: The cadaver as our first teacher	Practical : A: Histo–thyroid B:Biochem Revision BI11.20 Identify abnormal constituents in urine, interpret the findings and correlate C: Physio: revision	**S**	Dissection(DOAP) AN60.1 Describe & demonstrate external & internal features of cerebellum	Physio Tutorial/prac Assessment:
Tuesday 19/5/20	Physio Lecture PY9.3 Describe male reproductive system: functions of testis and control of spermatogenesis & factors modifying it and outline its association with psychiatric illness	physio Lecture PY9.3 Describe male reproductive system: functions of testis and control of spermatogenesis & factors modifying it and outline its association with psychiatric illness	Tutorial Biochem batch I Calcium metabolism &regulation Physio. Batch II revision	Practical : A: Histothyroid B:Biochem Revision BI11.20 Identify abnormal constituents in urine, interpret the findings and correlate C: Physio revision	**S**	Dissection(DOAP) AN61.1 Identify external & internal features of midbrain	Tutorial CM CM5.3 Define and describe common nutrition related health disorders (including macro-PEM, Micro-iron, Zn, iodine, Vit. A), their control and management

Wednesday 20/5/20	Anatomy-lect- AN58.4 Describe anatomical basis & effects of medial & lateral medullary Syndrome	Anatomy Lec AN59.2 Draw & label transverse section of pons at the upper and lower level	Tutorial Biochem. Batch II Calcium metabolism & regulation Physio. Batch I revision	Practical : A: Histo-thyroid B:Biochem Revision BI11.20 Identify abnormal constituents in urine, interpret the findings and correlate C: Physio: revision	**C**	Dissection(DOAP) AN62.2 Describe & demonstrate surfaces, sulci, gyri, poles, & functional areas of cerebral hemisphere	Physio Tutorial prac Formative assessment
Thursday 21/5/20	Early clinical Exposure Anatomy Varicose veins, DVT			Biochem Lecture Sterpoid, Tyrosine kinase JAK STAT pathway	**E**	Dissection(DOAP) AN62.6 Describe & identify formation, branches & major areas of distribution of circle of Willis	Biochem tutorial Cancer & Oncogenes BI10.1 Describe the cancer initiation, promotion oncogenes & oncogene activation. Also focus on p53 & apoptosis
Friday 22/5/20	Anatomy Lecture- AN59.3 Enumerate cranial nerve nuclei in pons with their functional group	Biochem Lecture IP# DAG, Calcium as messanger	SDL Biochemistry	Com Med Lecture CM5.3 Define and describe common nutrition related health disorders (including macro-PEM, Micro-iron, Zn, iodine, Vit. A), their control and management	**S**	Dissection(DOAP) AN63.1 Describe & demonstrate parts, boundaries & features of IIIrd, IVth & lateral ventricle	Physio Tutorial/prac Formative assessment
Saturday 23/5/20	Physio Lecture Py 9.4a Female Repro Overy and Control	physio Lecture Py 9.4b Menstrual cycle : Hormonal	SDL Anatomy	Physio Tutorial/prac Formative assessment	**S**	Dissection(DOAP) AN64.1 Describe & identify the microanatomical features of Spinal cord, Cerebellum & Cerebrum	Yoga & extracurricular

ys	9-10AM	10-11AM	11-12 PM	12-1.30 PM	1.30-2.30	2.30-4 PM	4- 5 PM
Monday 25/5/20	Anatomy Lecture- AN60.2 Describe connections of cerebellar cortex and intracerebellar nuclei	Anatomy Lecture- AN60.3 Describe anatomical basis of cerebellar dysfunction	AETCOM lecture Module 1.5: The cadaver as our first teacher	Practical : - A: Histo-cerebellum B:Biochem BI11.17 Renal function tests C: Physio:	**S**	Dissection(DOAP) AN65.1 Identify epithelium under the microscope & describe the various types that correlate to its function	Anatomy Tutorial/prac Assessment:
Tuesday 26/5/20	Physio Lecture Py 9.4b Menstrual cycle : Uterine	physio Lecture Py 9.4b Menstrual cycle : Overian	Tutorial Biochem batch I BI 6.9,6.10 PO4 metabolism &regulation, diseases	Practical : A: Histo-cerebellum B:Biochem BI11.17 Renal function tests C: Physio	**S**	Dissection(DOAP) AN65.2 Describe the ultrastructure of epithelium	Tutorial AETCOM Module 1.5: The cadaver as our first teacher

			Physio. Batch II				
Wednesday 27/5/20	Anatomy Lecture- AN61.2 Describe internal features of midbrain at the level of superior & inferior Colliculus	Anatomy Lecture- AN61.3 Describe anatomical basis & effects of Benedikt's and Weber's syndrome	Tutorial Biochem. Batch II BI 6.9,6.10 PO4 metabolism &regulation, diseases Physio. Batch I	Practical : A: Histo- cerebellum: B:Biochem BI11.17 Renal function tests C: Physio:	**C**	Dissection(DOAP) AN66.1 Describe & identify various types of connective tissue with functional correlation	Physio Tutorial prac revision
Thursday 28/5/20	Early clinical Exposure Community visit Contraceptive delivery			Biochem Lecture BI 6.13 Ant Pituitary hormones	**E**	Dissection(DOAP) AN66.2 Describe the ultrastructure of connective tissue	Biochem BI 6.9,6.10 Iron metabolism & disorders
Friday 29/5/20	Anatomy Lecture- AN62.1 Cranial nerve Nuclei.	SDL anatomy	SDL Biochemistry	Com Med Lecture CM5.3 Define and describe common nutrition related health disorders (including macro-PEM, Micro-iron, Zn, iodine, Vit. A), their control and management	**S**	Dissection(DOAP) AN66.2 Describe the ultrastructure of connective tissue	Physio Tutorial/prac Revision male reprod system
Saturday 30/5/20	Physio Lecture PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland,	physio Lecture PY8.4 Describe function tests: Thyroid gland	Biochem Lecture BI 6.13 Thyroid hormones synthesis pathways, function, regulation, metabolism	Physio Tutorial/prac PY8.5 Describe the metabolic and endocrine consequences of obesity & metabolic syndrome	**S**	Dissection/small group/DOAP AN35.2 Describe & demonstrate location, parts, borders, surfaces, relations & blood supply of thyroid gland	Yoga & extracurricular

ys	9-10AM	10-11AM	11-12 PM	12-1.30 PM	1.30-2.30	2.30-4 PM	4- 5 PM
Monday 1/6/20	Anatomy Lecture- AN62.3 White matter Of cerebrum	Anatomy Lecture- AN62.4 Enumerate parts & major connections of basal ganglia & limbic lobe	Physio lecture PY10.7 Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormalities	Biochem Dopamine synth and function	**S**	Dissection(DOAP) AN62.4 Enumerate parts & major connections of basal ganglia & limbic lobe	Anatomy Tutorial/prac AN62.5 Describe boundaries, parts, gross relations, major nuclei and connections of dorsal thalamus, hypothalamus, epithalamus, metathalamus and subthalamus

Tuesday 2/6/20	AETCOM Lecture Module 1.5: The cadaver as our first teacher	physio Lecture PY9.6 Enumerate the contraceptive methods for male and female. Discuss their advantages & disadvantages	Tutorial Biochem batch I BI6.9,10 Hypo &Hyperkalemia Physio. Batch II Physiology of Fertilisation	Practical : A: Histo-cerebrum B:Biochem BI11.17 Renal function tests C: Physio basal ganglia	**S**	Dissection(DOAP) Revision Abdomen	AETCOM tutorial Module 1.5: The cadaver as our first teacher
Wednesday 3/6/20	Anatomy Lecture- AN63.2 Describe anatomical basis of congenital hydrocephalus	Anatomy Lecture- AN73.3 Describe the Lyon's hypothesis	Tutorial Biochem. Batch II BI6.9,10 Hypo &Hyperkalemia Physio. Batch I Physiology of Fertilisation	Practical : A: Histo-cereberum B:Biochem BI11.17 Renal function tests C: Physio: basal ganglia	**C**	Dissection(DOAP) Revision Abdomen	Physio Tutorial prac assessment
Thursday 4/6/20	Early clinical Exposure Biochemistry Thyroid nodule/goitre/ clinical interpretation			Biochem Lecture BI 6.13 Pancreatic hormones	**E**	Dissection Assessment abdomen	Biochem BI 6.9,10 Disorders related to iron metabolism
Friday 5/6/20	Anatomy Lecture- AN73.2 Describe technique of karyotyping with its applications	Biochem Lecture BI .13 Pancreatic hormones	SDL Biochemistry	Com Med Lecture CM5.7 Describe food hygiene	**S**	Dissection-do Assessment abdomen	Physio Tutorial/prac PY9.9 Interpret a normal semen analysis report including (a) sperm count, (b) sperm morphology and (c) sperm motility, as per WHO guidelines and discuss the results
Saturday 6/6/20	Physio Lecture PY9.5 Sex Hormones	physio Lecture PY9.8 Describe and discuss the physiology of pregnancy, parturition & lactation and outline the psychology and psychiatry-disorders associated with it.	SDL Anatomy	Physio Tutorial/prac PY9.9 Interpret a normal semen analysis report including (a) sperm count, (b) sperm morphology and (c) sperm motility, as per WHO guidelines and discuss the results	**S**	Dissection-do Assessment abdomen	Yoga & extracurricular

ys	9-10AM	10-11AM	11-12 PM	12-1.30 PM	1.30-2.30	2.30-4 PM	4- 5 PM
Monday 8/6/20	Anatomy Lecture- AN64.2 Describe the development of neural tube, spinal cord, medulla oblongata, pons, midbrain, cerebral hemisphere & cerebellum	Anatomy Lecture- AN64.3 Describe various types of open neural tube defects with its embryological Basis	AETCOM lecture Module 1.5: The cadaver as our first teacher	Practical : A: Histo–spinal cord B:Biochem Assessment C: Physio:	**S**	Dissection-revision head and neck	Physio Tutorial/prac Assessment:

Tuesday 9/6/20	Physio Lecture PY 9.10 Pregnancy tests	physio Lecture PY9.11 Discuss the hormonal changes and their effects during perimenopause and menopause	Tutorial Biochem batch I BI6.9,10 Hypo & Hypernatremia Physio. Batch II	Practical : A: Histo-spinal cord B:Biochem Assessment C: Physio	**S**	Dissection-do	Assessment AETCOM module 1.5
Wednesday 10/6/20	Anatomy Lecture- AN68.2 Describe the structure-function correlation of neuron	Anatomy Lecture- AN68.3 Describe the ultrastructure of nervous tissue	Tutorial Biochem. Batch II BI6.9,10 Hypo & Hypernatremia Physio. Batch I	Practical : A: Histo-spinal cord B:Biochem Assessment C: Physio:	**C**	Dissection-do	Physio Tutorial prac revision
Thursday 11/6/20	Early clinical Exposure clinical lab visit, clinical chart. Diabetes, Hypothyroidism case presentation			Biochem Lecture BI 6.13,6.14 Adrenal cortex: steroid hormone synthesis pathway	**E**	Dissection-do	Biochem BI 6.13,6.14 Diabetes insipidus, SIADH
Friday 12/6/20	Anatomy Lecture- AN72.1 Identify the skin and its appendages under the microscope and correlate the structure with function	Biochem Lecture BI 6.13,6.14 Adrenal medulla	SDL Biochemistry	Com Med Lecture CM 8.3 Prevention of anaemia	**S**	Dissection-do	Physio Tutorial/prac revision
Saturday 13/6/20	Physio Lecture PY 9.7 Removal of Gonads	physio Lecture PY 9,12 Infertility and IVF	SDL Anatomy	Physio Tutorial/prac revision	**S**	Dissection-do	Yoga & extracurricular

ys	9-10AM	10-11AM	11-12 PM	12-1.30 PM	1.30-2.30	2.30-4 PM	4- 5 PM
Monday 15/6/20	Anatomy seminar		AETCOM revision	Practical : A: Histo-revision class B:Biochem BI11.17 acid base charts	**S**	Dissection-revision brain	Anatomy Tutorial/prac Assessment:

				C: Physio: Formative assessment			
Tuesday 16/6/20	Physio Lecture PY10.4 Describe and discuss motor tracts, mechanism of maintenance of tone, control of body movements, posture and equilibrium & vestibular apparatus	Physio Lecture PY10.4 Describe and discuss motor tracts, mechanism of maintenance of tone, control of body movements, posture and equilibrium & vestibular apparatus	Tutorial Biochem batch I Formative assessment Physio. Batch II Formative assessment	Practical : A: Histo-revision B:Biochem BI11.17 acid base charts C: Physio Formative assessment	**S**	Dissection-do	Assessment AETCOM module 1.5
Wednesday 17/6/20	Anatomy Lecture-laminar organizatio n of spinal cord	Anatomy Lecture-sensory receptorss	Tutorial Biochem. Batch II Formative assessment Physio. Batch I Formative assessment	Practical : A: Histo-revision B:Biochem BI11.17 acid base charts C: Physio: Formative assessment	**C**	Dissection-revision brain	Physio Tutorial prac PY10.5 Describe and discuss structure and functions of reticular activating system, autonomic nervous system (ANS)
Thursday 18/6/20	Early clinical Exposure Cushing syndrome, Conn's syndrome, Phaeochromocytoma case discusson/diagnosis			Biochem Lecture BI 6.13,6.14 Local hormones	**E**	Dissection-do	Biochem tutorial BI8.1 Discuss the importance of various dietary components and explain importance of dietary fibre.
Friday 19/6/20	Anatomy Lecture-revision class	Biochem Lecture BI 6.13,6.14 Hormonal disorders: discussion & feedback	SDL Biochemistry	Com Med Lecture CM5.8 Describe and discuss the importance and methods of food fortification and effects of additives and adulteration	**S**	Dissection-small group study	Physio Tutorial/prac PY10.5 Describe and discuss structure and functions of reticular activating system, autonomic nervous system (ANS
Saturday 20/6/20	Physio Lecture PY11.3 Describe and discuss mechanism of fever, cold injuries and heat Stroke	physio Lecture PY11.6 Describe physiology of Infancy	SDL Anatomy	Physio Tutorial/prac PY10.5 Describe and discuss structure and functions of reticular activating system, autonomic nervous system (ANS	**S**	Dissection-small group study	Yoga & extracurricular

ys	9-10AM	10-11AM	11-12 PM	12-1.30 PM	1.30-2.30	2.30-4 PM	4- 5 PM

Monday 22/6/20	Anatomy Lecture- AN78.1 Describe cleavage and formation of blastocyst	Anatomy Lecture- AN78.2 Describe the development of trophoblast	AETCOM Revision	Practical : A: Histo-revision class B:Biochem BI11.17 LFT charts Revision C: Physio:	**S**	Dissection-revision viscera	Anatomy Tutorial/prac Assessment:
Tuesday 23/6/20	Physio Lecture PY11.7 Describe and discuss physiology of aging; free radicals and Antioxidants	physio Lecture PY11.11 Discuss the concept, criteria for diagnosis of Brain death and its Implications	Tutorial Biochem batch I BI8.2 Describe the types and causes of protein energy malnutrition and its effects . Physio. Batch II	Practical : A: Histo -revision B:Biochem BI11.17 LFT charts Revision C: Physio	**S**	Dissection-do	Assessment CM
Wednesday 24/6/20	Anatomy Lecture- AN78.3 Describe the process of implantation & common abnormal sites of Implantation	Anatomy Lecture- AN78.4 Describe the formation of extra-embryonic mesoderm and coelom, bilaminar disc and prochordal plate	Tutorial Biochem. Batch II BI8.2 Describe the types and causes of protein energy malnutrition and its effects Physio. Batch I	Practical : A: Histo-revision B:Biochem BI11.17 LFT charts Revision C: Physio:	**C**	Dissection-revision brain	Physio Tutorial prac PY11.12 Discuss the physiological effects of meditation
Thursday 25/6/20	Early clinical Exposure Physio Metabolic syndrome/obesity discusson/diagnosis			Biochem Lecture BI 8.3&4 dietary advice for optimal health in childhood and adult,obesity,diabetes mellitus, coronary artery disease and in pregnancy	**E**	Dissection-do	Biochem tutorial BI 10.2 Biochemical tumor markers and the biochemical basis of cancer therapy.
Friday 26/6/20	Anatomy Lecture- revision class	Biochem Lecture BI 9.1 functions and components of the extracellular matrix (ECM)	SDL Biochemistry	Com Med Lecture Revision	**S**	Dissection-small group study	Physio Tutorial/prac PY11.12 Discuss the physiological effects of meditation
Saturday 27/6/20	Physio Lecture Describe the concept of anastomoses and collateral circulation with significance of end-arteries	physio Lecture AN5.7 Explain function of meta-arterioles, precapillary sphincters, arteriovenous Anastomoses	SDL Anatomy	Physio Tutorial/prac PY11.13 Obtain history and perform general examination in the volunteer / simulated environment	**S**	Dissection-small group study	Yoga & extracurricular

ys	9-10AM	10-11AM	11-12 PM	12-1.30 PM	1.30-2.30	2.30-4 PM	4- 5 PM
Monday 29/6/20	Anatomy Lecture- structure of spinal cord	Anatomy Lecture- extra pyramidal tract	AETCOM lecture Revision	Practical : A: Histo-revision class B:Biochem Revision Glucose estimation C: Physio:	**S**	Dissection-revision Bones: vertebrae, sacrum,pelvis	Anatomy Tutorial/prac Assessment:
Tuesday 30/6/20	Physio Lecture Differentiate between blood vascular and lymphatic system	physio Lecture Differentiate between pulmonary and systemic circulation	Tutorial Biochem batch I BI7.5 Describe the role of xenobiotics in disease Physio. Batch II	Practical : A: Histo -revision B:Biochem Revision Glucose estimation C: Physio	**S**	Dissection-do	Tutorial AETCOM assessment
Wednesday 1/7/20	Anatomy AN79.1 Describe the formation & fate of the primitive streak	Anatomy Lecture AN79.2 Describe formation & fate of notochord	Tutorial Biochem. Batch II BI7.5 Describe the role of xenobiotics in disease Physio. Batch I	Practical : A: Histo-revision B:Biochem Revision Glucose estimation C: Physio:	**C**	Dissection-	Physio Tutorial prac revision
Thursday 2/7/20	Early clinical Exposure Anatomy: Cranial nerve and associated anomalies and disorders			Biochem Lecture BI 9.3 protein targeting & sorting along with its associated disorders	**E**	Dissection-do	Biochem tutorial BI 10.1 cancer initiation, promotion oncogenes & oncogene activation. Also focus on p53 & apoptosis
Friday 3/7/20	Anatomy Lecture- AN79.3 Describe the process of neurulation	Biochem Lecture BI 10.3 cellular and humoral components of the immune system & describe the types and structure of antibody	SDL Biochemistry	Com Med Lecture CM10.5 Describe Universal Immunization Program; Integrated Management of Neonatal and Childhood Illness (IMNCI) and other existing Programs.	**S**	Dissection-small group study	Physio Tutorial/prac revision
Saturday 4/7/20	Physio/Biochem Seminar on endocrine syndromes		SDL Anatomy	Physio Tutorial/prac revision	**S**	Dissection-small group study	Yoga & extracurricular

ys	9-10AM	10-11AM	11-12 PM	12-1.30 PM	1.30-2.30	2.30-4 PM	4- 5 PM
Monday 6/7/20	Anatomy Lecture- AN79.4 Describe the development of somites and intra-embryonic coelom	Anatomy Lecture AN79.5 Explain embryological basis of congenital malformations, nucleus pulposus, sacrococcygeal teratomas, neural tube defects -	Seminar on Developmental anomalies and inborn error of metabolism		**S**	Dissection-revision brain	Physio Tutorial/prac Assessment:
Tuesday 7/7/20	Physio Lecture	physio Lecture	Tutorial Biochem batch I BI7.5 Describe the role of xenobiotics in disease Physio. Batch II	Practical : A: Histo -revision B:Biochem Revision urea estimation C: Physio	**S**	Dissection-do	Yoga & extracurricular
Wednesday 8/7/20	Anatomy AN79.6 Describe the diagnosis of pregnancy in first trimester and role of teratogens, alpha-fetoprotein	Anatomy Lecture	Tutorial Biochem. Batch II BI7.5 Describe the role of xenobiotics in disease Physio. Batch I	Practical : A: Histo-revision B:Biochem Revision urea estimation C: Physio:	**C**	Dissection-	Physio Tutorial prac
Thursday 9/7/20	Early clinical Exposure Community visit Vaccination clinic			Biochem Lecture BI 10.4 Describe & discuss innate and adaptive immune responses, self/non-self recognition and the central role of T-helper cells in immune responses	**E**	Dissection-do	Biochem tutorial BI 11.1 Describe commonly used laboratory apparatus and equipments, good safe laboratory practice and waste disposal.
Friday 10/7/20	Anatomy Lecture-revision class	Biochem Lecture BI 10.5 antigens and concepts involved in vaccine development	SDL Biochemistry	Com Med Lecture CM10.5 Describe Universal Immunization Program; Integrated Management of Neonatal and Childhood Illness (IMNCI) and other existing Programs.	**S**	Dissection-small group study	Physio Tutorial/prac
Saturday 11/7/20	Physio Lecture	physio Lecture	SDL Anatomy	Physio Tutorial/prac	**S**	Dissection-small group study	Yoga & extracurricular

ys	9-10AM	10-11AM	11-12 PM	12-1.30 PM	1.30-2.30	2.30-4 PM	4- 5 PM
Monday 13/7/20	Anatomy Lecture- AN80.1 Describe formation, functions & fate of-chorion: amnion; yolk sac; allantois & deciduas	Anatomy Lecture- AN80.2 Describe formation & structure of umbilical cord	AETCOM SDL Module 1.2	Practical : A: Histo-revision class B:Biochem Assessment C: Physio:	**S**	Dissection-revision brain	Anatomy Tutorial/prac AN80.7 Describe various types of umbilical cord attachments
Tuesday 14/7/20	Physio Lecture AN5.8 Define thrombosis, infarction & aneurysm	physio Lecture Describe parts of a neuron and classify them based on nu mber of neurites, size & function	Tutorial Biochem batch I Radio isotopes, diagnosis and therapy, RIA Physio. Batch II	Practical : A: Histo -revision B:Biochem Assessment C: Physio	**S**	Dissection-do	Tutorial CM Immunisation prog in India
Wednesday 15/7/20	Anatomy AN80.3 Describe formation of placenta, its physiological functions, foetomaternal circulation & placental barrier	Anatomy Lecture AN80.4 Describe embryological basis of twinning in monozygotic & dizygotic twins	Tutorial Biochem. Batch II Radio isotopes, diagnosis and therapy, RIA Physio. Batch I	Practical : A: Histo-revision B:Biochem Assessment C: Physio:	**C**	Dissection-	Physio Tutorial prac
Thursday 16/7/20	Early clinical Exposure Hospital visit: automated instruments, hematology and Biochemistry instruments, ELISA etc			Biochem Lecture DNA metabolism: discussion	**E**	Dissection-do	Biochem tutorial Revison Mineral metabolism
Friday 17/7/20	Anatomy Lecture- AN80.6 Explain embryological basis of estimation of fetal age.	Biochem Lecture Regulation of gene expression: discussion	SDL Biochemistry	Com Med feedback and narrative	**S**	Dissection-small group study	Physio Tutorial/prac
Saturday 18/7/20	Physio Lecture Enumerate cranial nerve nuclei in medulla oblongata with their functional group	physio Lecture Describe anatomical basis & effects of Benedikt's and Weber's Syndrome	SDL Anatomy	Physio Tutorial/prac	**S**	Dissection-small group study	Yoga & extracurricular

	9-10AM	10-11AM	11-12 PM	12-1.30 PM	1.30-2.30	2.30-4 PM	4- 5 PM
Monday 20/7/20	**3rd Internal Assessment: Theory**						
Tuesday 21/7/20							
Wednesday 22/7/20							
Thursday 23/7/20	**3rd Internal Assessment: Practicals**						
Friday 24/7/20							
Saturday 25/7/20