INDIRA GANDHI MEDICAL COLLEGE SHIMLA MASTER TIME TABLE OF MBBS FIRST PROFESSION BATCH 2019-20.

DATE	DAY	9:30-11:30AM	11:30AM-12:30PM	12.30-1:30PM	2:00-4:00PM	4.00-5.00PM
02-09-2019	Mon	Introduction to physiology labs (9:30 10:30) L PY 1.2 Describe and discuss the principles of homeostasis(10:3011:30)	L CM 1.1 Define and describe the concept of Public Health CM 1.2 Define health; describe the concept of holistic health including concept of spiritual health and the relativeness & determinants of health	L AN 1.1 Demonstrate normal anatomical position, various planes, relation, comparison, laterality & movement in our body	DOAP AN 1.1Demonstrate normal anatomical position, various planes, relation, comparison, laterality & movement in our body. Small group discussion of Anatomical terms	sports and extra curricular activities
03-09-2019	Tue	SDL B I Introduction to Biochmeistry. B I 1.1 Describe the molecular and functional organization of a cell and its sub cellular components	L PY 1.1 Describe the structure and functions of a mammalian cell	L AN65.1 Identify epithelium under the microscope & describe the various types that correlate to its function AN65.2 Describe the ultrastructure of epithelium	DOAP AN 65.1,65.2 Introduction to Microscope Epithelium AN 82.1 Demonstrate respect and follow the correct procedure when handling cadavers and other biologic tissue	
04-09-2019	Wed	DOAP PY 2.12 Describe test for ESR, Osmotic fragility, Hematocrit. Note the findings and interpret the test results etc (Batch A) Pract BI 11.1 Describe commonly used laboratory apparatus and equipments, good safe laboratory practice and waste disposal. (Batch -B)	L BI 2.1 Explain fundamental concepts of enzyme, isoenzyme, alloenzyme, coenzyme & co-factors. Enumerate the main classes of IUBMB nomenclature.	L AN66.1 Describe & identify various types of connective tissue with functional correlation AN66.2 Describe the ultrastructure of connective tissue	DOAP CM 1.9 Demonstrate the role of effective Communication skills in health in a simulated environment CM 1.10 Demonstrate the important aspects of the doctor patient relationship in a simulated environment	

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05-09-2019	Thu	DOAP PY2.12 Describe test for ESR, Osmotic fragility, Hematocrit. Note the findings and interpret the test results etc (Batch B) Pract BI 11.1 Describe commonly used laboratory apparatus and equipments, good safe laboratory practice and waste disposal. (Batch -A)	L PY 1.6 Describe the fluid compartments of the body, its ionic composition & measurements PY1.7 Describe the concept of pH & Buffer systems in the body	L AN76.1 Describe the stages of human life AN76.2 Explain the terms- phylogeny, ontogeny, trimester, viability AN77.3 Describe spermatogenesis and oogenesis along with diagrams	AETCOM Module 1.5 ANATOMY Cadaver as a first teacher Part 1 Oath taking	
06-09-2019	Fri	AETCOM MODULE1.1(9:30-10:30) PHYSIOLOGY Exploratory session- 1 hour L PY 1.5 Describe and discuss transport mechanisms across cell membranes (10:30-11:30)	L BI 2.3Describe and explain the basic principles of enzyme activity	L AN 1.2 Describe composition of bone and bone marrow AN 2.1 Describe parts, blood and nerve supply of a long bone AN 2.3 Enumerate special features of a sesamoid bone	DOAP AN 2.1 Types of Bones	
07-09-2019	Sat	DOAP PY2.12 Describe test for ESR, Osmotic fragility, Hematocrit. Note the findings and interpret the test results etc (Batch A & B)	L PY 1.5 Describe and discuss transport mechanisms across cell membranes	L AN71.1 Identify bone under the microscope; classify various types and describe the structure-function correlation of the same AN71.2 Identify cartilage under the microscope & describe various types and structure- function correlation of the same	DOAP AN 66.1, 66.2, 71.1 & 71.2 Connective tissue, Cartilage & Bones histology	
09-09-2019	Mon	AETCOM MODULE1.1 Physiology What does it mean to be a doctor Panel discussion	L CM 1.3 Describe the characteristics of agent, host and environmental factors in health and disease and the multi factorial etiology of disease	L AN2.2 Enumerate laws of ossification AN2.4 Describe various types of cartilage with its structure & distribution in body	DOAP AN 66.1, 66.2, 71.1 & 71.2 Connective tissue, Cartilage & Bones histology AN26.6 Explain the concept of bones that ossify in membrane	

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11-09-2019	Wed	DOAP PY2.12 Describe test for ESR, Osmotic fragility, Hematocrit. Note the findings and interpret the test results etc (Batch A) DOAP B I 11.2Describe the preparation of buffers and estimation of pH. (Batch -B)	L BI 2.4 Describe and discuss enzyme inhibitors as poisons and drugs and as therapeutic enzymes	L AN2.5 Describe various joints with subtypes and examples	Early Clinical Exposure 1.7 abnormalities of body fluids Physiology	PY 1.6, Topic : Deptt of Lecture theatre
12-09-2019	Thu	DOAP PY2.12 Describe test for ESR, Osmotic fragility, Hematocrit. Note thefindings and interpret the test results etc (Batch B) DOAP B I 11.2Describe the preparation of buffers and estimation of pH. (Batch -A)	L PY 1.5 Describe and discuss transport mechanisms across cell membranes	L AN2.6 Explain the concept of nerve supply of joints & Hilton's law	AETCOM Module 1.4 ANATOMY Foundation of communication (Large group discussion)	

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13-09-2019	Fri	SGD PY1.9 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 (9:30-10:30) L PY 1.4 Describe apoptosis - programmed cell death, PY11.7 Describe and discuss physiology of aging; free radicals and antioxidants (10:30-11:30)	L BI 2.5 Describe and discuss the clinical utility of various serum enzymes as markers of pathological conditions.	L AN4.1 Describe different types of skin & dermatomes in body AN4.5 Explain principles of skin incisions AN72.1 Identify the skin and its appendages under the microscope and correlate the structure with function	DOAP AN 72.1 Integumentary system histology Integumentary system histology	
14-09-2019	Sat	DOAP PY 3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments (Batch A & B) - Instruments & circuits	L PY 1.3 Describe intercellular communication	L AN4.2 Describe structure & function of skin with its appendagesL	DOAP AN 72.1 Integumentary system histology	
		AETCOM MODULE1.1 Physiology What	L PY 1.8 Describe and discuss the molecular basis of resting membrane	L AN4.3 Describe superficial fascia along with fat distribution in body		sports and extra

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2019-09-16	Mon	does it mean to be a doctor SDL	potential and action potential in excitable tissue	AN4.4 Describe modifications of deep fascia with its functions	Self Directed Learning AN4.5 Explain principles of skin incisions	curricular
17-09-2019	Tue	AETCOM MODULE 1.2 BIOCHEMISTRY What does it mean to be a patient Exploratory session	L PY 3.1 Describe the structure and functions of a neuron and neuroglia; Discuss Nerve Growth Factor & other growth factors/cytokines	L AN5.1 Differentiate between blood vascular and lymphatic system AN5.2 Differentiate between pulmonary and systemic circulation AN5.3 List general differences between arteries & veins AN5.4 Explain functional difference between elastic, muscular arteries and arterioles AN5.5 Describe portal system giving examples AN69.1 Identify elastic & muscular blood vessels, capillaries under the microscope AN69.2 Describe the various types and structure-function correlation of blood vessel AN69.3 Describe the ultrastructure of blood vessels	DOAP AN 69.1 -69.3 DOAP Blood vessel Histology AN 69.1 -69.3	
18-09-2019	Wed	DOAP PY 3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments (Batch A) - Dissection of frog nerve muscle preparation DOAP B I 11.3 Describe the chemical components of normal urine. (Batch -B)	L BI 3.1 Discuss and differentiate monosaccharides, di-saccharides and polysaccharides giving examples of main carbohydrates as energy fuel, structural element and storage in the human body	L AN5.6 Describe the concept of anastomoses and collateral circulation with significance of end-arteries AN5.7 Explain function of meta-arterioles, precapillary sphincters, arterio-venous anastomoses AN5.8 Define thrombosis, infarction & aneurysm	ECE Biochemistry BI 2.7 Basic Science Correlation: Diagnostic Enzymes in MI venue - LT theatre	

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19-09-2019	Thu	DOAP PY 3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments (Batch B) - Dissection of frog nerve muscle preparation DOAP B I 11.3 Describe the chemical components of normal urine. (Batch -A)	L PY 1.8 Describe and discuss the molecular basis of resting membrane potential and action potential in excitable tissue	L AN77.1 Describe the uterine changes occurring during the menstrual cycle AN77.2 Describe the synchrony between the ovarian and menstrual cycles	DOAP AN 69.1 -69.3 Blood vessel Histology	
20-09-2019	Fri	**Formative assessment Written Assessment General Physiology (9:30-10:30)** L PY 3.2 Describe the types, functions & properties of nerve fibers, PY3.17 Describe Strength-duration curve (10:30- 11:30)	L BI 3.4 Define and differentiate the pathways of carbohydrate metabolism,(glycolysis, gluconeogenesis, glycogen metabolism, HMP shunt).	L AN7.1 Describe general plan of nervous system with components of central, peripheral & autonomic nervous systems AN7.2 List components of nervous tissue and their functions AN7.3 Describe parts of a neuron and classify them based on number of neurites, size & function AN7.4 Describe structure of a typical spinal nerve AN64.1 Describe & identify the microanatomical features of Spinal cord, Cerebellum & Cerebrum	Formative Assesment	
21-09-2019	Sat	AETCOM MODULE1.1 PHYSIOLOGY What does it mean to be a doctor Visit to hospital	L PY3.17 Describe Strength-duration curve	L AN68.1 Describe & Identify multipolar & unipolar neuron, ganglia, peripheral nerve AN68.2 Describe the structure-function correlation of neuron AN68.3 Describe the ultrastructure of nervous tissue	DOAP AN 68.1 - 68.3 Nervous tissue histology	
		AETCOM MODULE1.1 PHYSIOLOGY Whatdoes it mean to be a doctor		L AN7.5 Describe principles of sensory and motor innervation of muscles	DOAP AN 68.1 - 68.3	

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23-09-2019	Mon	DOAP PY 3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments - SMT	L PY3.4 Describe the structure of neuro-muscular junction and transmission of impulses	AN7.6 Describe concept of loss of innervation of a muscle with its applied anatomy AN7.7 Describe various type of synapse AN7.8 Describe differences between sympathetic and spinal ganglia	Nervous tissue histology	sports and extra curricular activities
24-09-2019	Tue	AETCOM MODULE 1.2 (9.30-10.30) BIOCHEMISTRY Whatdoes it mean to be a patient SDL: BI2.6 Discuss use of enzymes in laboratory investigations (Enzymebased assays) ;BI2.7Interpret laboratory results of enzyme activities & describe the clinical utility of various enzymes as markers of pathological conditions	L PY 3.5 Discuss the action of neuro-muscular blocking agents, PY3.6 Describe the pathophysiology of Myasthenia gravis	L AN77.4 Describe the stages and consequences of fertilisation AN77.5 Enumerate and describe the anatomical principles underlying contraception	group discussion - AN77.5 Fertiliz	
25-09-2019	Wed	DOAP PY 3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments (Batch A) DOAP BI 11.4 Perform urine analysis to estimate and determine normal and abnormal constituents. (BATCH-B)	L BI3.4Define and differentiate the pathways of carbohydrate metabolism,(glycolysis, gluconeogenesis, glycogen metabolism, HMP shunt).	L AN6.1 List the components and functions of the lymphatic system AN6.2 Describe structure of lymph capillaries & mechanism of lymph circulation AN6.3 Explain the concept of lymphoedema and spread of tumors via lymphatics and venous system AN70.2 Identify the lymphoid tissue under the microscope & describe microanatomy of lymph node, spleen, thymus, tonsil and correlate the structure with function	Early Clinical Exposure - Anatomy AN 4.1,4.2,4.5,72.1 1 Basic science correlation With Dermatology to expose the students to observe various types of skin lesions on AV aids venue - LT theatre	

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26-09-2019	Thu	DOAP PY 3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments (Batch B) DOAP BI 11.4 Perform urine analysis to estimate and determine normal and abnormal constituents. (BATCH-A)	L PY3.7 Describe the different types of muscle fibres and their structure PY 3.9 Describe the molecular basis of muscle contraction in skeletal and in smooth muscles,	L AN70.2 Identify the lymphoid tissue under the microscope & describe microanatomy of lymph node, spleen, thymus, tonsil and correlate the structure with function	DOAP AN 70.2 Lymphatic tissue histology	

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27-09-2019	Fri	DOAP PY 3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments (Batch A & B; 9:30-10:30) L PY 3.9 Describe the molecular basis of muscle contraction in skeletal and in smooth muscles, PY3.8 Describe action potential and its properties in different muscle types (skeletal & smooth) (10:30-11:30)	L BI 3.4 Define and differentiate the pathways of carbohydrate metabolism, (glycolysis, gluconeogenesis, glycogen	L AN77.6 Describe teratogenic influences; fertility and sterility, surrogate motherhood, social significance of "sex-ratio".	DOAP AN 70.2 Lymphatic histology Lymphatic tissue histology	
		DOAP PY 3.18 Observe with Computer assisted learning (i)	L PY3.10 Describe the mode of muscle contraction (isometric and isotonic)	AN3.1 Classify muscle tissue according to structure & action L AN3.2 Enumerate parts of skeletal muscle and differentiate between tendons and aponeuroses with examples AN3.3 Explain Shunt and spurt muscles	AN 67.1 -67.3 DOAP Muscle Histology	

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2019-09-28	Sat	amphibian nerve - muscle experiments (ii) amphibian cardiac experiments (Batch A& B)	PY3.12 Explain the gradation of muscular activity	AN67.1 Describe & identify various types of muscle under the microscope AN67.2 Classify muscle and describe the structure-function correlation of the same AN67.3 Describe the ultrastructure of muscular tissue		
30-09-2019	Mon	DOAP PY 3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments (Batch A& B)	L PY 3.11 Explain energy source and muscle metabolism PY 3.13 Describe muscular dystrophy: myopathies	L AN78.1 Describe cleavage and formation of blastocyst AN78.2 Describe the development of trophoblast AN78.3 Describe the process of implantation & common abnormal sites of implantation	DOAP AN 67.1 -67.3 Muscle Histology	sports and extra curricular activities
01-10-2019	Tue	AETCOM Module1.2 BIOCHEMISTRY Whatdoes it mean to be a patient SDL BI 13.2 Describe the processes involved in digestion and assimilation of carbohydrates and storage B1 13.3. Describe and discuss the digestion and assimilation of carbohydrates from food.	AETCOM MODULE 1.3 Physiology The doctor patient relationship -- Large group Session	**FA Written Assessment on Gen Anatomy**	**SII Assesment- Histology**	
03-10-2019	Thu	DOAP PY 3.14 Perform Ergography (Batch B) DOAP BI11.20 Identify abnormal constituents in urine, interpret the findings and correlate these with pathological states. (BATCH-B)	**Formative Assessment Written Assessment on Nerve & Muscle**	L AN9.1 Describe attachment, nerve supply & action of pectoralis major and pectoralis minor AN10.11 Describe & demonstrate attachment of serratus anterior with its action	AETCOM Module 1.5 ANATOMY Cadaver as our first teacher Part 2	

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04-10-2019	Fri	AETCOM MODULE 1.3 Physiology The doctor patient relationship SDL	L BI 3.4 Define and differentiate the pathways of carbohydrate metabolism, (glycolysis, gluconeogenesis, glycogen	L AN9.2 Breast: Describe the location, extent, deep relations, structure, age changes, blood supply, lymphatic drainage, microanatomy and applied anatomy of breast AN9.3 Describe development of breast	Feedback on Formative assessment DOAP AN 13.6 Bony landmarks AN 9.2 Dissection Pectoral region	
05-10-2019	Sat	DOAP PY 3.14 Perform Ergography (Batch A), Revision of amphi NM practicals (Batch B) + Feedback of FA	L PY 10.1 Describe and discuss the organization of nervous system	L AN10.1 Identify & describe boundaries and contents of axilla AN10.2 Identify, describe and demonstrate the origin, extent, course, parts, relations and branches of axillary artery & tributaries of vein AN10.4 Describe the anatomical groups of axillary lymph nodes and specify their areas of drainage AN10.7 Explain anatomical basis of enlarged axillary lymph nodes	DOAP AN 9.2, AN 8.1-8.3, 8.4 Dissection Pectoral region, Clavical	
07-10-2019	Mon	AETCOM MODULE 1.3 Physiology The doctor patient relationship Interactive discussion	L CM 1.4 Describe and discuss the natural history of disease CM 1.5 Describe the application of interventions at various levels of prevention	L AN10.3 Describe, identify and demonstrate formation, branches, relations, area of supply of branches, course and relations of terminal branches of brachial plexus AN10.5 Explain variations in formation of brachial plexus AN10.6 Explain the anatomical basis of clinical features of Erb's palsy and	DOAP AN 10.3, AN 8.1-8.2, 8.4 Dissection - Axilla - I, Scapula	sports and extra curricular activities
		DOAP PY 2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT (microscope)		L AN78.4 Describe the formation of extra-embryonic mesoderm and coelom, bilaminar disc and prochordal plate		

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09-10-2019	Wed	DOAP BI 11.6 Describe the principles of colorimetry;BI11.18 Discuss the principles of spectrophotometry (Batch B)	L BI 3.4Define and differentiate the pathways of carbohydrate metabolism,	AN78.5 Describe in brief abortion; decidual reaction, pregnancy test	Early Clinical Exposure PY 3.13 Topic : Myopathies eptt of Physiology Lecture theatre HI- Anatomy VI- General medicine	
10-10-2019	Thu	DOAP PY 3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments (Batch B)	L PY10.2 Describe and discuss the functions and properties of synapse,reflex, receptor	L AN10.8 Describe, identify and demonstrate the position, attachment, nerve supply and actions of trapezius and latissimus dorsi	DOAP AN 10.3-10.13 Dissection:	
		DOAP BI 11.6 Describe the principles of colorimetry;BI11.18 Discuss the principles of spectrophotometry (Batch A)			Brachial plexus	
11-10-2019	Fri	DOAP PY 2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT (smear preparation Batch A), SGD - Batch B 9:30-10:30 L PY10.2 Describe and discuss the functions and properties of synapse, reflex, receptors (properties of synapse) 10:30-11:30	L BI3.5Describe and discuss the regulation, functions and integration of carbohydrate along with associated diseases/disorders.	L AN10.9 Describe the arterial anastomosis around the scapula and mention the boundaries of triangle of auscultation AN10.10 Describe and identify the deltoid and rotator cuff muscles AN10.13 Explain anatomical basis of injury to axillary nerve during intramuscular injections	DOAP AN 10.8-10.13 Dissection Back	
12-10-2019	Sat	AETCOM MODULE 1.3 Physiology The doctor patient relationship Discussion and Closure	L PY10.10 Describe and discuss chemical transmission in the nervous system. (Outline the psychiatry element).	L AN11.1 Describe and demonstrate muscle groups of upper arm with emphasis on biceps and triceps brachii AN11.2 Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels in arm	DOAP AN 10.8-10.13, AN 8.1-8.2, 8.4 Dissection Scapular region, Humerus	

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14-10-2019	Mon	DOAP PY 2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT smear preparation Batch B, SGD- Batch A 9:30-10:30 L PY10.10 Describe and discuss chemical transmission in the nervous system. (Outline the psychiatry element).10:30-11:30	L CM 1.6 Describe and discuss the concepts, the principles of Health promotion and Education, IEC and Behavioral change communication (BCC)	L AN11.4 Describe the anatomical basis of Saturday night paralysis AN11.5 Identify & describe boundaries and contents of cubital fossa AN11.6 Describe the anastomosis around the elbow joint	DOAP AN 11.1-11.3 Dissection Arm	
15-10-2019	Tue	SDLBI3.8Discuss and interpret laboratory results of analytes associated with metabolism of carbohydrates.	L PY 2.1 Describe the composition and functions of blood components (blood - introduction)	L AN12.1 Describe and demonstrate important muscle groups of ventral forearm with attachments, nerve supply and actions AN12.2 Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels of forearm	AN 11.1-11.3, AN 8.1-8.2, 8.4 Dissection Arm, Radius	
16-10-2019	Wed	DOAP PY 2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT (Leishmain staining) DOAP BI11.21Demonstrate estimation of glucose, creatinine, urea and total protein in serum.(Batch -B)(Glucose)	L BI3.5Describe and discuss the regulation, functions and integration of carbohydrate along with associated diseases/disorders.	L AN12.3 Identify & describe flexor retinaculum with its attachments AN12.5 Identify & describe small muscles of hand. Also describe movements of thumb and muscles involved	ECE Biochemistry BI 3.5, 3.9 Clinical skills: Diabetes Mellitus LT theatre	venue -
				L AN12.4 Explain anatomical basis of carpal tunnel syndrome	DOAP AN 12.1,12.2, AN 8.1-8.2, 8.4	

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17-10-2019	Thu	DOAP PY 2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT (Leishmain staining) DOAP BI11.21Demonstrate estimation of glucose, creatinine, urea and total protein in serum.(Batch -A)(glucose)	L PY2.2 Discuss the origin, forms, variations and functions of plasma proteins	AN12.7 Identify & describe course and branches of important blood vessels and nerves in hand AN12.8 Describe anatomical basis of Claw hand AN12.9 Identify & describe fibrous flexor sheaths, ulnar bursa, radial bursa and digital synovial sheaths	Dissection forearm, Ulna	
18-10-2019	Fri	PY 2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT (Demo of Identification & DLC) 9:30-10:30 L PY2.4 Describe RBC formation (erythropoiesis & its regulation) and its functions (RBCs Erythropoiesis) 10:30-11:30	L BI3.5Describe and discuss the regulation, functions and integration of carbohydrate along with associated diseases/disorders.BI3.7Describe the common poisons that inhibit crucial enzymes of carbohydrate metabolism (eg; fluoride, arsenate)	L AN12.10 Explain infection of fascial spaces of palm	DOAP AN 12.1,12.2, AN 8.5-8.6 Dissection forearm, Bones of hand	
				AN12.11 Identify, describe and demonstrate important muscle groups of dorsal forearm with attachments, nerve supply and actions	AN 12.1,12.2, AN 8.5-8.6	

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19-10-2019	Sat	DOAP PY 2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT (Practical DLC Batch B, SGD hemocytometry Batch A)	L PY10.2 Describe and discuss the functions and properties of synapse, reflex, receptor (Receptor + Muscle Spindle)	AN12.12 Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels of back of forearm AN12.13 Describe the anatomical basis of Wrist drop AN12.14 Identify & describe compartments deep to extensor retinaculum AN12.15 Identify & describe extensor expansion formation	DOAP Dissection forearm, Bones of hand	
21-10-2019	Mon	DOAP PY 11.13 Obtain history and perform general examination in the volunteer/simulated environment	L PY 2.4 Describe RBC formation (erythropoiesis & its regulation) and its functions (erythropoiesis regulation)	L AN13.4 Describe Sternoclavicular joint, Acromioclavicular joint, Carpometacarpal joints & Metacarpophalangeal joint	DOAP AN 12.1,12.2 Dissection forearm	sports and extra curricular activities

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22-10-2019	Tue	SDL BI3.9Discuss the mechanism and significance of blood glucose regulation in health and disease.	L PY10.2 Describe and discuss the functions and properties of synapse,reflex, **receptor**	L AN10.12 Describe and demonstrate shoulder joint for- type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements, muscles involved, blood supply, nerve supply and applied anatomy AN8.2 Identify & describe joints formed by the given bone	DOAP AN 10.12 Dissection - Shoulder joint	
23-10-2019	Wed	DOAP PY 2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT (Practical DLC Batch A)	L BI3.6 Describe and discuss the concept of TCA cycle as a amphibolic pathway	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,	Early Clinical Exposure - Anatomy AN 10.3,10.5,10.6,10.13,11.2,12.7,8.1-8.6 Clinical skills With orthopedics to discuss upper limb fractures and nerve injuries on a specified case venue- LT theatre	

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		BI11.20 Identify abnormal constituents in urine, interpret the findings and correlate these with pathological states. (BATCH-B)	and its regulation.	wrist joint & first carpometacarpal joint		
24-10-2019		DIWALI VACATIONS (24/10/2019- 30/10/2019)				
31-10-2019	Thu	DOAP PY 2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT (Hemocytometry)	L PY10.6 Describe and discuss Spinal cord, its functions, lesion & sensory disturbances, PY 10.3 Describe and discuss somatic sensations & sensory tracts (DC)	L 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	DOAP AN 13.3-13.5	
		DOAP BI11.21Demonstrate estimation of glucose, creatinine, urea and total protein in serum. (Batch -A) (GLUCOSE)			Dissection of elbow joint & other joints of Upper Limb	

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01-11-2019	Fri	DOAP PY 2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT (Hb + Haemin crystals Demo Batch A+B, 9:30-10:30) L PY2.3 Describe and discuss the synthesis and functions of Haemoglobin and explain its breakdown. Describe variants of haemoglobin (10:30-11:30)	L BI3.8Discuss and interpret laboratory results of analytes associated withmetabolism of carbohydrates.BI3.10Interpret the results of blood glucose levels and other laboratory investigations related to disorders of carbohydrate metabolism.	L AN13.1 Describe and explain Fascia of upper limb and compartments, veins of upper limb and its lymphatic drainage AN11.3 Describe the anatomical basis of Venepuncture of cubital veins	DOAP AN 13.5 X-rays	
02-11-2019	Sat	PY 2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT(Hb + Haemin crystals - Batch A, SGD Ascending tracts Batch B)	L PY10.3 Describe and discusssomatic sensations and sensory tracts	AN13.2 Describe dermatomes of upper limb AN13.8 Describe development of upper limb	DOAP AN 13.7 Veins	
04-11-2019	Mon	DOAP PY 2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT (Hb + Haemin Crystals- Batch B, SGD ascending tracts Batch A)	L CM 1.7 Enumerate and describe health indicators	**FA Written Assessment on Upper limb**	**Skill assesment**	sports and extra curricular activities

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05-11-2019	Tue	FA and tutorial : Cell,enzymes and carbohydrate metabolism.	L PY 10.3 Describe and discuss somatic sensations & sensory tracts (pain)	L AN57.1 Identify external features of spinal cord AN57.2 Describe extent of spinal cord in child & adult with its clinical implication AN57.3 Draw & label transverse section of spinal cord at mid-cervical & midthoracic level AN57.4 Enumerate ascending & descending tracts at mid thoracic level of spinal cord AN57.5 Describe anatomical basis of syringomyelia AN64.1 Describe & identify the microanatomical features of Spinal cord, Cerebellum & Cerebrum	DOAP AN 57.1-57.5 , 56.1 Spinal Cord DOAP AN57.3 Dissection	
06-11-2019	Wed	DOAP PY 2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT (Hemocytometry) DOAP BI11.15Describe & discuss the composition of CSF(Batch B)	L BI5.1 Describe and discuss structural organization of proteins.	L AN58.1 Identify external features of medulla oblongata AN58.2 Describe transverse section of medulla oblongata at the level of 1) pyramidal decussation, 2) sensory decussation 3) ION	DOAP CM 2.1 Describe the steps and perform clinico socio-cultural and demographic assessment of the individual, family and community	
07-11-2019	Thu	DOAP PY 2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT (TRBC) Feedback on Formative assessment DOAP BI11.15Describe & discuss the composition of CSF(Batch A)	L PY 2.5 Describe different types of anaemias & Jaundice	L AN58.3 Enumerate cranial nerve nuclei in medulla oblongata with their functional group AN58.4 Describe anatomical basis & effects of medial & lateral medullary syndrome	Feedback on Formative assessment DOAP AN 58.1-58.4 Medulla Dissection	

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08-11-2019	Fri	DOAP PY10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, hmotor system, reflexes, cranial nerves in a normal volunteer or simulated environment (Demo Sensory system 9:30-10:30) L PY 10.3 Describe and discuss somatic sensations & sensory tracts (modulation of pain) 10:30-11:30	L BI6.11 Describe the functions of haem in the body and describe the processes involved in its metabolism and describe porphyrin metabolism.	L AN59.1 Identify external features of pons AN59.2 Draw & label transverse section of pons at the upper and lower level AN59.3 Enumerate cranial nerve nuclei in pons with their functional group	DOAP AN 13.3-13.5 Dissection of elbow joint & other joints of Upper Limb	
09-11-2019	Sat	DOAP PY 2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT (TRBC- Batch A, SGD/SDL - Batch B)	L PY 2.5 Describe different types of anaemias & Jaundice	L AN61.1 Identify external & internal features of midbrain AN61.2 Describe internal features of midbrain at the level of superior & inferior colliculus AN61.3 Describe anatomical basis & effects of Benedikt's and Weber's syndrome	DOAP AN 13.5 X-rays	

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11-11-2019	Mon	DOAP 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 (Practical Sensory system 9:30-10:30) L PY 10.7 Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormalities (Thalamus + Sensory cortex)10:30-11:30	L CM 2.2 Describe the socio-cultural factors, family, its role in health and disease	L AN26.1 Demonstrate anatomical position of skull, Identify and locate individual skull bones in skull AN26.2 Describe the features of norma frontalis, verticalis, occipitalis, lateralis and basalis AN27.1 Describe the layers of scalp, its blood supply, its nerve supply and surgical importance AN27.2 Describe emissary veins with its role in spread of infection from extracranial route to intracranial venous sinuses	DOAP AN 13.7 Veins	sports and extra curricular activities
13-11-2019	Wed	DOAP PY 2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT, PY2.12 Describe test for ESR, Osmotic fragility, Hematocrit. Note the findings and interpret the test results etc (ESR+ RBC indices) DOAP BI11.21Demonstrate estimation of glucose, creatinine, urea and total protein in	L BI6.11 Describe the functions of haem in the body and describe the processes involved in its metabolism and describe porphyrin metabolism.	L AN28.1 Describe & demonstrate muscles of facial expression and their nerve supply AN28.4 Describe & demonstrate branches of facial nerve with distribution AN28.6 Identify superficial muscles of face, their nerve supply and actions AN26.2 Describe the features of norma frontalis, verticalis, occipitalis, lateralis and basalis (frontalis)	Early Clinical Exposure PY 2.5 Topic : Anaemia Deptt of Physiology Lecture theatre HI- Biochemistry VI- Pathology	

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		serum.(Batch -A) (PROTEIN)BI11.8 Demonstrate estimation of serum proteins, albumin and A:G ratio				
14-11-2019	Thu	DOAP PY 2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT, PY2.12 Describe test for ESR, Osmotic fragility, Hematocrit. Note the findings and interpret the test results etc (ESR + RBC indices)	L PY 10.17 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 (eye - phototransduction)	L AN28.2 Describe sensory innervation of face AN28.3 Describe & demonstrate origin /formation, course, branches /tributaries of facial vessels	Skill assesment	
		DOAP BI11.21Demonstrate estimation of glucose, creatinine, urea and total protein in serum.(Batch -B)(PROTEIN)		AN28.8 Explain surgical importance of deep facial vein		
15-11-2019	Fri	DOAP PY 10.20 Demonstrate (i) Testing of visual acuity, colour and field of vision and (ii) hearing (iii) Testing for smell and (iv) taste sensation in volunteer/ simulated environment (CN II Demo Batch A+B 9:30-10:30) L PY2.6 Describe WBC formation (granulopoiesis) and its regulation (10:30-11:30)	L BI5.2Describe and discuss functions of proteins and structure-function relationships in relevant areas eg, hemoglobin and selected hemoglobinopathies	L AN41.1 Describe & demonstrate parts and layers of eyeball AN41.2 Describe the anatomical aspects of cataract, glaucoma & central retinal artery occlusion AN41.3 Describe the position, nerve supply and actions of intraocular muscles AN43.3 Identify, describe and draw microanatomy of olfactory epithelium, eyelid, lip, sclero-corneal function, optic nerve, cochlea-organ of corti, pineal gland	DOAP AN 57.1-57.5 , 56.1 Spinal Cord Dissection	

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16-11-2019	Sat	DOAP PY 10.20 Demonstrate (i) Testing of visual acuity, colour and field of vision and (ii) hearing (iii) Testing for smell and (iv) taste sensation in volunteer/ simulated environment (Batch A Practical CN II) PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT(Batch B TLC)	L PY 10.17 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 (eye- neurophysiology)	L AN26.3 Describe cranial cavity, its subdivisions, foramina and structures passing through them AN30.1 Describe the cranial fossae & identify related structures - 1	DOAP AN 58.1-58.4 Medulla Dissection	
18-11-2019	Mon	DOAP PY 10.20 Demonstrate (i) Testing of visual acuity, colour and field of vision and (ii) hearing (iii) Testing for smell and (iv) taste sensation in volunteer/ simulated environment (Batch B Practical CN II) PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT(Batch A TLC)	L PY 2.10 Define and classify different types of immunity. Describe the development of immunity and its regulation	L AN26.3, 30.2 Describe cranial cavity, its subdivisions, foramina and structures passing through them AN30.1 Describe the cranial fossae & identify related structures AN30.3 Describe & identify dural folds & dural venous sinuses AN30.4 Describe clinical importance of dural venous sinuses	DOAP AN 59.1-59.3 Pons Dissection	sports and extra curricular activities
19-11-2019	Tue	SDL BI10.3Describe the cellular and humoral components of the immune system & describe the types and structure of antibody	L 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 (eye- applied)	L AN30.5 Explain effect of pituitary tumours on visual pathway	DOAP AN 61.1-61.3 Mid Brain Dissection	

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20-11-2019	Wed	DOAP PY 10.20 Demonstrate (i) Testing of visual acuity, colour and field of vision and (ii) hearing (iii) Testing for smell and (iv) taste sensation in volunteer/ simulated environment **(Perimetry)** DOAP BI11.8 Demonstrate estimation of serum proteins, albumin and A:G ratio(BATCH-B)	L BI10.4Describe & discuss innate and adaptive immune responses, self/non-self recognition and the central role of T-helper cells in immune responses.	L AN56.1 Describe & identify various layers of meninges with its extent & modifications	ECE Biochemistry BI 6.11, 6.12 Basic Science Correlation : Hemoglobinopathies venue - LT theatre	
21-11-2019	Thu	DOAP PY 10.20 Demonstrate (i) Testing of visual acuity, colour and field of vision and (ii) hearing (iii) Testing for smell and (iv) taste sensation in volunteer/ simulated environment **(Perimetry)** DOAP BI11.8 Demonstrate estimation of serum proteins, albumin and A:G ratio(BATCH-A)	L PY 2.10 Define and classify different types of immunity. Describe the development of immunity and its regulation	L AN31.1 Describe & identify extra ocular muscles of eyeball AN31.2 Describe & demonstrate nerves and vessels in the orbit	DOAP AN 27.1,27.2 Dissection - Scalp & Face (A)	

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22-11-2019	Fri	DOAP PY 10.20 Demonstrate (i) Testing of visual acuity, colour and field of vision and (ii) hearing (iii) Testing for smell and (iv) taste sensation in volunteer/ simulated environment (Demo 3rd 4th 6th CN) 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 (10:30-11:30)	L BI10.5Describe antigens and concepts involved in vaccine development.	L AN31.3 Describe anatomical basis of Horner's syndrome AN31.4 Enumerate components of lacrimal apparatus	DOAP Dissection & Demo of Face - Muscles, Cutaneous nerves & Vessels	

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23-11-2019	Sat	DOAP PY 2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT(**Arneth count - Batch A**), PY 10.11 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 **(3rd 4th 6th CN Practical Batch B)**	L PY 2.10 Define and classify different types of immunity. Describe the development of immunity and its regulation	AN31.5 Explain the anatomical basis of oculomotor, trochlear and abducent nerve palsies along with strabismus	DOAP AN 26.1, 26.2 Skull osteology - verticalis	

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25-11-2019	Mon	DOAP PY 2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT(Arneth count - Batch B), PY 10.11 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 (3rd 4th 6th CN Practical Batch A)	L PY 10.18 Describe and discuss the physiological basis of lesion in visual pathway PY10.19 Describe and discuss auditory & visual evoke potentials	L AN35.1 Describe the parts, extent, attachments, modifications of deep cervical fascia AN35.10 Describe the fascial spaces of neck	DOAP AN 26.3, 30.1 Demo of Cranial cavity	sports and extra curricular activities
26-11-2019	Tue	AETCOM MODULE 1.2	L PY 2.7 Describe the formation of platelets, functions and variations.	L AN29.1 Describe & demonstrate attachments, nerve supply, relations and actions of sternocleidomastoid AN29.2 Explain anatomical basis of Erb's & Klumpke's palsy AN29.3 Explain anatomical basis of wry neck	DOAP AN 26.3, 30.1 Cranial cavity	

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				AN29.4 Describe & demonstrate attachments of 1) inferior belly of omohyoid, 2)scalenus anterior, 3) scalenus medius & 4) levator scapulae		
27-11-2019	Wed	DOAP PY2.13 Describe steps for reticulocyte and **platelet count** DOAP BI11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory including: •Protein electrophoresis(Batch-B)	L BI5.4 Describe common disorders associated with protein metabolism.	L AN28.9 Describe & demonstrate the parts, borders, surfaces, contents, relations and nerve supply of parotid gland with course of its duct and surgical importance AN28.10 Explain the anatomical basis of Frey's syndrome -I AN70.1 Identify exocrine gland under the microscope & distinguish between serous, mucous and mixed acini	Early Clinical Exposure - Anatomy AN 41.1,41.2 Clinical Skills With Ophthalmology to discuss the cases of cataract, glaucoma & central retinal artery occlusion on specified cases venue LT theatre	
28-11-2019	Thu	DOAP PY2.13 Describe steps for reticulocyte and **platelet count** DOAP BI11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory including: •Protein electrophoresis(Batch-A)	L PY 10.13 Describe and discuss perception of smell and taste sensation, PY 10.14 Describe and discuss patho-physiology of altered smell and taste sensation	L AN28.9 Describe & demonstrate the parts, borders, surfaces, contents, relations and nerve supply of parotid gland with course of its duct and surgical importance AN28.10 Explain the anatomical basis of Frey's syndrome -II	DOAP AN 31.1, 31.2 (VI-OP) Orbit boundaries, contents, extra ocular muscles ophthalmic vessels I.	

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29-11-2019	Fri	DOAP PY2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT (BT/CT - 9:30-10:30) L PY 2.8 Describe the physiological basis of hemostasis and, anticoagulants. Describe bleeding & clotting disorders (Hemophilia, purpura 10:30-11:30)	L BI5.4 Describe common disorders associated with protein metabolism.	L AN28.7 Explain the anatomical basis of facial nerve palsy	DOAP AN28.9 Dissection & Demo	
30-11-2019	Sat	DOAP PY10.20 Demonstrate (i) Testing of visual acuity, colour and field of vision and (ii) hearing (iii) Testing for smell and (iv) taste sensation in volunteer/ simulated environment (1st & 5th CN)	L PY 2.8 Describe the physiological basis of hemostasis and, anticoagulants. Describe bleeding & clotting disorders (Hemophilia, purpura)	L AN33.1 Describe & demonstrate extent, boundaries and contents of temporal and infratemporal fossae AN26.2 Describe the features of norma frontalis, verticalis, occipitalis, lateralis and basalis - lateralis	AETCOM Module 1.4 ANATOMY Foundation of communication (Self directed learning)	
02-12-2019	Mon	**Formative Assesment - General CNS & Sensory System - Viva Voce**	L CM 2.3 Describe barriers to good health and health seeking behavior	L AN40.1 Describe & identify the parts, blood supply and nerve supply of external ear AN40.4 Explain anatomical basis of otitis externa and otitis media AN40.5 Explain anatomical basis of myringotomy	Formative Assesment	sports and extra curricular activities
03-12-2019	Tue	FA : Protein structure, IMMUNE System, VACCINE, Hb Derivatives	L PY10.15 Describe and discuss functional anatomy of ear and auditory pathways & physiology of hearing	L AN40.2 Describe & demonstrate the boundaries, contents, relations and functional anatomy of middle ear and auditory tube AN40.4 Explain anatomical basis of otitis externa and otitis media	DOAP AN 29.1-29.4 Dissection of Posterior Triangle AN26.5 Describe features of typical and atypical cervical vertebrae (atlas and axis) AN26.7 Describe the features of the 7th cervical vertebra	

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04-12-2019	Wed	DOAP PY10.20 Demonstrate (i) Testing of visual acuity, colour and field of vision and (ii) hearing (iii) Testing for smell and (iv) taste sensation in volunteer/ simulated environment (VIII CN) DOAP BI11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory including: •Paper chromatography of amino acid •TLC, PAGE(Batch-B)BI11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography(BATCH-B)	L BI5.4 Describe common disorders associated with protein metabolism.	L AN40.3 Describe the features of internal ear AN43.3 Identify, describe and draw microanatomy of olfactory epithelium, eyelid, lip, sclero-corneal junction, optic nerve, cochlea-organ of corti, pineal gland	DOAP Visit to RTHC Mashobara	
05-12-2019	Thu	DOAP PY10.20 Demonstrate (i) Testing of visual acuity, colour and field of vision and (ii) hearing (iii) Testing for smell and (iv) taste sensation in volunteer/ simulated environment (VIII CN) DOAP BI11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory including: Paper chromatography of amino acid	L PY10.15 Describe and discuss functional anatomy of ear and auditory pathways & physiology of hearing	L AN33.2 Describe & demonstrate attachments, direction of fibres, nerve supply and actions of muscles of mastication AN33.4 Explain the clinical significance of pterygoid venous plexus	Small group discussion - AN33.2	

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		•TLC, PAGE(Batch-A)BI11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography(BATCH-B)				
06-12-2019	Fri	SGD Audiometry + feedback (9:30-10:30) L PY 2.9 Describe different blood groups and discuss the clinical importance of blood grouping, blood banking and transfusion (10:30-	L BI6.2 Describe and discuss the metabolic processes in which nucleotides are involved.	L AN33.3 Describe & demonstrate articulating surface, type & movements of temporomandibular joint AN33.5 Describe the features of dislocation of temporomandibular joint	DOAP AN 28.9,28.10(VI-SU) Dissection of Parotid gland	
07-12-2019	Sat	DOAP PY 2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT(blood grouping batch A) PY 10.11 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 (7th CN Practical Batch B)	L PY 10.16 Describe and discuss pathophysiology of deafness. Describe hearing tests	L AN32.1 Describe boundaries and subdivisions of anterior triangle AN32.2 Describe & demonstrate boundaries and contents of muscular, carotid, digastric and submental triangles -I	DOAP AN 33.1-33.5 Dissection of infratemporal fossa & maxillary artery	

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09-12-2019	Mon	DOAP PY 2.11 Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT(blood grouping batch B) PY 10.11 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 (7th CN Practical Batch A)	L CM 2.4 Describe social psychology, community behaviour and community relationship and their impact on health and disease	AN32.1 Describe boundaries and subdivisions of anterior triangle AN32.2 Describe & demonstrate boundaries and contents of muscular, carotid, digastric and submental triangles II	AETCOM 1.4 Part II	sports and extra curricular activities
10-12-2019	Tue	SDL BI5.5 Interpret laboratory results of analytes associated with metabolism of proteins& tutorial	L PY 10.5 Describe and discuss structure and functions of reticular activating system, autonomic nervous system (RAS)	L AN62.2 Describe & demonstrate surfaces, sulci, gyri, poles, & functional areas of cerebral hemisphere	AN 33.3,33.5 Dissection temperomandibular joint AN26.4 Describe morphological features of mandible	
11-12-2019	Wed	Formative Assessment on Blood VIVA VOCE DOAP BI11.12 Demonstrate the estimation of serum bilirubin(Batch-B)	L BI6.2 Describe and discuss the metabolic processes in which nucleotides involved.	L AN62.3 Describe the white matter of cerebrum AN64.1 Describe & identify the microanatomical features of Spinal cord, Cerebellum & Cerebrum	Early Clinical Exposure PY 10.11, 10.20 Topic : Bell's Palsy Deptt of Physiology Lecture theatre HI- anatomy VI- Ophthalmology	

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12-12-2019	Thu	Formative Assessment on Blood VIVA VOCE DOAP BI11.12 Demonstrate the estimation of serum bilirubin(Batch-B)	L PY 10.7 Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormalities (motor cortex)	L AN62.5 Describe boundaries, parts, gross relations, major nuclei and connections of dorsal thalamus, hypothalamus, epithalamus, metathalamus and subthalamus - I	DOAP AN 28.7 Dissection of facial nerve AN26.4 Describe morphological features of mandible	
13-12-2019	Fri	DOAP 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 (CN 9th, 10th, 11th, 12th)	L BI6.2 Describe and discuss the metabolic processes in which nucleotides are involved.	L AN62.5 Describe boundaries, parts, gross relations, major nuclei and connections of dorsal thalamus, hypothalamus, epithalamus, metathalamus and subthalamus - II	Demo of temporal bone + Ear	

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14-12-2019	Sat	Formative Assessment - Skill Assessment Roll No. 1-25 Haematology Lab Leaving, Rest of the students feedback on FA	L PY 10.4 Describe and discuss motor tracts, mechanism of maintenance of tone, control of body movements, posture and equilibrium & vestibular apparatus (descending tracts)	L AN62.5 Describe boundaries, parts, gross relations, major nuclei and connections of dorsal thalamus, hypothalamus, epithalamus, metathalamus and subthalamus -III	AETCOM Module 1.4 ANATOMY Foundation of communication (Small group discussion)	
16-12-2019	Mon	Formative Assessment - Skill Assessment Roll No. 51-75 Haematology Lab Leaving, Rest of the students Feedback on FA	L PY10.7 Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormalities (muscle spindle + reflexes)	L AN60.1 Describe & demonstrate external & internal features of cerebellum AN60.2 Describe connections of cerebellar cortex and intracerebellar nuclei AN60.3 Describe anatomical basis of cerebellar dysfunction - I	DOAP AN43.3 Identify, describe and draw microanatomy of olfactory epithelium, eyelid, lip, sclero-corneal junction, optic nerve, cochlea- organ of corti, pineal gland	sports and extra curricular activities
17-12-2019	Tue	SGD/Ttutorial : Disorder protein metabolism,heme metabolism	L PY10.7 Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormalities (muscle spindle + reflexes)	3rd to 8th week of development L AN79.1 Describe the formation & fate of the primitive streak AN79.2 Describe formation & fate of notochord AN79.3 Describe the process of neurulation AN79.5 Explain embryological basis of congenital malformations, nucleus pulposus, sacrococcygeal teratomas, neural tube defects	Formative Assesment	
		Formative Assessment - Skill Assessment Roll No. 26-50 Haematology Lab Leaving, Rest of the students SDL		L AN79.4 Describe the development of somites and intra-embryonic coelom		

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18-12-2019	Wed	DOAP BI11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory including: •ELISA •Immunodiffusion(Batch-B)	L BI6.2 Describe and discuss the metabolic processes in which nucleotides are involved	AN80.1 Describe formation, functions & fate of-chorion: amnion; yolk sac; allantois & decidua	ECE Biochemistry BI 6.13 Basic Science Correlation: Renal function tests/ Nephrotic syndrome venue - LT theatre	
19-12-2019	Thu	Formative Assessment - Skill assessment Roll No. 76-100 Haematology Lab Leaving, Rest of the students SDL	L PY 10.7 Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormalities (reflexes)	L AN80.2 Describe formation & structure of umbilical cord AN80.3 Describe formation of placenta, its physiological functions, foetomaternal circulation & placental barrier AN80.5 Describe role of placental hormones in uterine growth & parturition AN80.7 Describe various types of umbilical cord attachments	Feedback on Formative assessment DOAP AN 63.1(HI-PY) AN 62.2 (VI-IM,HI-PY) Cerebellum, Fourth ventricle Dissection	
		DOAP BI11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory including: •ELISA •Immunodiffusion(Batch-A)				
		DOAP PY 10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes,	L BI7.5 Describe the role of xenobiotics in disease BI7.6 Describe the anti-oxidant defence systems in the body.		DOAP AN 63.1 Demonstration	

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20-12-2019	Fri	cranial nerves in a normal volunteer or simulated environment (Demo motor system examination) L PY 10.7 Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormalities (Postural reflexes)		L AN80.6 Explain embryological basis of estimation of fetal age		
21-12-2019	Sat	DOAP PY 10.11 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 (Motor System Examination Practical)	L PY 10.7 Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormalities (Posture & Tone)	L AN80.4 Describe embryological basis of twinning in monozygotic & dizygotic twins	DOAP AN 62.2 Demonstration	
23-12-2019	Mon	DOAP PY 10.11 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 (DTR Practical)	L PY 10.7 Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormalities (Cerebellum)	L AN81.1 Describe various methods of prenatal diagnosis AN81.2 Describe indications, process and disadvantages of amniocentesis AN81.3 Describe indications, process and disadvantages of chorion villus biopsy AN79.6 Describe the diagnosis of pregnancy in first trimester and role of teratogens, alpha-fetoprotein	DOAP AN 62.3Demonstration	sports and extra curricular activities

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24-12-2019	Tue	SDL BI6.4 Discuss the laboratory results of analytes associated with gout & Lesch Nyhan syndrome &TUTORIAL	L PY 10.7 Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormalities (Cerebellum)	L AN43.4 Describe the development and developmental basis of congenital anomalies of face, palate, tongue, branchial apparatus, pituitary gland, thyroid gland & eye -(face)	DOAP AN 63.1,63.2(HI-PY) Lateral Ventricle	
26-12-2019	Thu	TERM I EXAMINATION - ANATOMY				
27-12-2019	Fri	TERM I EXAMINATION - PHYSIOLOGY				
28-12-2019	Sat	TERM I EXAMINATION -BIOCHEMISTRY				
30-12-2019	Mon	LGD Cerebellar disorders	L PY 10.7 Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormalities (Basal Ganglia)	L AN64.2 Describe the development of neural tube, spinal cord, medulla oblongata, pons, midbrain, cerebral hemisphere & cerebellum AN64.3 Describe various types of open neural tube defects with its embryological basis	Demo of embryo models and SGD	sports and extra curricular activities
31-12-2019	Tue	SDLBI7.7 Describe the role of oxidative stress in the pathogenesis of conditions such as cancer, complications of diabetes mellitus and atherosclerosis.	L PY 10.7 Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormalities (Basal Ganglia)	L AN64.2 Describe the development of neural tube, spinal cord, medulla oblongata, pons, midbrain, cerebral hemisphere & cerebellum	**Self Directed Learning AN64.3 D**	
		WINTER VACATIONS (1/1/2020 - 15/1/2020)				

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16-01-2020	Thu	DOAP PY 10.11 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 (Motor System Examination Practical revsion)	L PY 10.5 Describe and discuss structure and functions of reticular activating system, autonomic nervous system (ANS)	L AN60.2 Describe connections of cerebellar cortex and intracerebellar nuclei - II AN60.3 Describe anatomical basis of cerebellar dysfunction AN64.1 Describe & identify the microanatomical features of Spinal cord, Cerebellum & Cerebrum	DOAP AN 62.2 Demo Cerebellum / AN 64.4 Histology cerebellum	

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17-01-2020	Fri	DOAP PY 10.11 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 (Superficial Reflexes 9:30-10:30) L PY 10.5 Describe and discuss structure and functions of reticular activating system, autonomic nervous system (ANS 10:30-11:30)	L BI6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency	L AN62.4 Enumerate parts & major connections of basal ganglia & limbic lobe	DOAP AN 62.4 Demo Basal ganglia / AN 64.4 Histology Cerebellum	
		DOAP PY 10.11 Demonstrate the correct clinical examination of the nervous			AN 63.1	

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18-01-2020	Sat	system: Higher functions, sensory system, motor system, reflexes, cranial nerves in a normal volunteer or simulated environment (Motor System Examination Practical revsion Batch A, SDL Batch B)	L PY 10.5 Describe and discuss structure and functions of reticular activating system, autonomic nervous system (ANS)	L AN63.1 Describe & demonstrate parts, boundaries & features of IIIrd, IVth & lateral ventricle	DOAP Fourth ventricle Dissection	
20-01-2020	Mon	LGD Autonomic Nervous system	L PY 10.5 Describe and discuss structure and functions of reticular activating system, autonomic nervous system (ANS)	L AN63.1 Describe & demonstrate parts, boundaries & features of IIIrd, IVth & lateral ventricle	DOAP AN 63.1,63.2 Lateral ventricle	sports and extra curricular activities
21-01-2020	Tue	AETCOM MODULE: 1.2 Biochemistry What does it mean to be patient CLOSING	L PY 10.8 Describe and discuss behavioural and EEG characteristics during sleep and mechanism responsible for its production (EEG)	L AN56.2 Describe circulation of CSF with its applied anatomy AN63.2 Describe anatomical basis of congenital hydrocephalus	AETCOM Module 1.4 The foundation of communication Discussion & closure	
22-01-2020	Wed	DOAP PY 10.12 Identify normal EEG forms DOAP BI11.13 Demonstrate the estimation of SGOT/ SGPT(Batch-B)	L BI6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency	L AN62.6 Describe & identify formation, branches & major areas of distribution of circle of Willis	Early Clinical Exposure - Anatomy AN 62.6 ECE Anatomy Basic Science correlation : cerebral angiography venue - LT theatre	
23-01-2020	Thu	DOAP PY 10.12 Identify normal EEG forms DOAP BI11.13 Demonstrate the estimation of SGOT/ SGPT(Batch-A)	L PY5.10 Describe & discuss regional circulation including microcirculation,lymphatic circulation, coronary, cerebral, capillary, skin, foetal, pulmonary and splanchnic circulation (CSF)	L AN62.6 Describe & identify formation, branches & major areas of distribution of circle of Willis	DOAP AN 62.6 Blood Supply of Brain	

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24-01-2020	Fri	DOAP 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 (Higher mental Functions (9:30-10:30) L PY 10.8 Describe and discuss behavioural and EEG characteristics during sleep and mechanism responsible for its production (Sleep 10:30-11:30))	L BI6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency	L AN43.2 Identify, describe and draw the microanatomy of pituitary gland, thyroid, parathyroid gland, tongue, salivary glands, tonsil, epiglottis, cornea, retina	DOAP AN43.2 Histology slide	
			L PY 10.7 Describe and discuss functions	AN34.1 Describe & demonstrate the morphology, relations and nerve supply of submandibular salivary gland & submandibular ganglion		

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27-01-2020	Mon	LGD PY10.19 Describe and discuss auditory & visual evoke potentials	of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormalities (limbic system)	L AN34.2 Describe the basis of formation of submandibular stones AN70.2 Identify the lymphoid tissue under the microscope & describe microanatomy of lymph node, spleen, thymus, tonsil and correlate the structure with function	DOAP AN43.2 Histology slide	sports and extra curricular activities
28-01-2020	Tue	SDL BI8.2 Describe the types and causes of protein energy malnutrition and its effects & TUTORIAL	L PY 10.9 Describe and discuss the physiological basis of memory, learning and speech (learning & memory)	L AN34.1 Describe & demonstrate the morphology, relations and nerve supply of submandibular salivary gland & submandibular ganglion AN34.2 Describe the basis of formation of submandibular stones + Histo	DOAP AN 34.1,34.2 Dissection-sub mandibular region	
29-01-2020	Wed	DOAP PY10.19 Describe and discuss auditory & visual evoke potentials (Audio visual reaction time)/ DOAP BI11.14 Demonstrate the estimation of alkaline phosphatase(Batch-B)	L BI8.1 Discuss the importance of various dietary components and explain importance of dietary fibre.	L AN35.2 Describe & demonstrate location, parts, borders, surfaces, relations & blood supply of thyroid gland AN35.8 Describe the anatomically relevant clinical features of Thyroid swellings	Early Clinical Exposure - Anatomy AN 28.4,28.7, Clinical skills With medicine case discussion of facial nerve palsy on a specified case venue - LT theatre	
30-01-2020	Thu	DOAP PY10.19 Describe and discuss auditory & visual evoke potentials (Audio visual reaction time)/ DOAP BI11.14 Demonstrate the estimation of alkaline phosphatase(Batch-B)	L PY 10.9 Describe and discuss the physiological basis of memory, learning and speech (language & speech)	L AN35.3 Demonstrate & describe the origin, parts, course & branches subclavian artery AN35.4 Describe & demonstrate origin, course, relations, tributaries and termination of internal jugular & brachiocephalic veins AN35.9 Describe the clinical features of compression of subclavian artery and lower trunk of brachial plexus by cervical rib	AP AN 35.2-35.5 Dissection of Thyr	

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31-01-2020	Fri	DOAP Revision Sensory CNS Examination	L BI8.3 Provide dietary advice for optimal health in childhood and adult, in disease conditions like diabetes mellitus, coronary artery disease and in pregnancy. BI8.4 Describe the causes (including dietary habits), effects and health risks associated with being overweight/ obesity	L AN35.5 Describe and demonstrate extent, drainage & applied anatomy of cervical lymph nodes AN35.6 Describe and demonstrate the extent, formation, relation & branches of cervical sympathetic chain	DOAP AN 35.3,35.4 Dissection of subclavian artery, IJV, Styloid apparatus	
01-02-2020	Sat	DOAP Revision Motor CNS Examination	L PY 8.6 Describe & differentiate the mechanism of action of steroid, protein and amine hormones	L AN35.7 Describe the course and branches of IX, X, XI & XII nerve in the neck -I	Small group discussion AN35.7	
03-02-2020	Mon	**Formative Assessment CNS + ANS (viva voce)**	L CM 2.5 Describe poverty and social security measures and its relationship to health and disease	L AN35.7 Describe the course and branches of IX,	Formative Assesment	sports and extra curricular
04-02-2020	Tue	SDLBI8.5 Summarize the nutritional importance of commonly used items of food including fruits and vegetables.(macro-molecules & its importance) & Tutorials	L PY 8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas and hypothalamus (Hypothalamus)	L AN42.1 Describe the contents of the vertebral canal	**Self Directed Learning AN42.3 D**	
05-02-2020	Wed	Feedback on FA DOAP BI11.23 Calculate energy content of different food Items, identify food items with	L BI6.9 Describe the functions of various minerals in the body, their metabolism and homeostasis.	L AN42.2 Describe & demonstrate the boundaries and contents of Suboccipital triangle	DOAP Visit to RTHC Mashobara	

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		high and low glycemic index and explain the importance of these in the diet(Batch-B)				
06-02-2020	Thu	Feedback on FA DOAP BI11.23 Calculate energy content of different food items, identify food items with high and low glycemic index and explain the importance of these in the diet(Batch-A)	L PY 8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas and hypothalamus (Pitutary)	L AN43.1 Describe & demonstrate the movements with muscles producing the movements of atlantooccipital joint & atlantoaxial joint	DOAP AN 42.1-42.3 Dissection of Suboccipital Triangle	

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07-02-2020	Fri	DOAP PY11.14 Demonstrate Basic Life Support in a simulated environment (9:30-10:30) L PY 8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas and hypothalamus (Pitutary 10:30-11:30)	L BI6.9 Describe the functions of various minerals in the body, their metabolism and homeostasis.BI6.10 Enumerate and describe the disorders associated with mineral metabolism.	L AN36.1 Describe the 1) morphology, relations, blood supply and applied anatomy of palatine tonsil 2) composition of soft palate	DOAP AN 36.1-36.5 Dissection - pharynx	
			L PY 8.2 Describe the synthesis, secretion,	L AN36.2 Describe the components and functions of Waldeyer's lymphatic ring	DOAP AN 36.1-36.5	

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08-02-2020	Sat	DOAP Revision of clinical physiology	transport, physiological actions,regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas and	AN36.3 Describe the boundaries and clinical significance of pyriform fossa AN36.4 Describe the anatomical basis of tonsillitis, tonsillectomy, adenoids and peri-tonsillar abscess	Dissection - pharynx	
10-02-2020	Mon	SGD PY 8.2 Describe the synthesis, secretion, transport, physiological actions,regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas and hypothalamus (Thyroid) L PY8.4 Describe function tests: Thyroid gland; Adrenal cortex, Adrenal medulla and pancreas (Thyroid 10:30-11:30)	Formative Assessment (Concept of health & Diseases) (Sociology & Behavioral Sciences)	L AN36.5 Describe the clinical significance of Killian's dehiscence	DOAP Demo of sagittal section of head and neck	sports and extra curricular activities
11-02-2020	Tue	SGD BI6.13 Describe the functions of the kidney, liver, thyroid and adrenal glands & tutorials	L PY8.1 Describe the physiology of bone and calcium metabolism	L AN43.4 Describe the development and developmental basis of congenital anomalies of face, palate, tongue, branchial apparatus, pituitary gland, thyroid gland & eye -(Palate, tongue)	Small group discussion AN43.4	
12-02-2020	Wed	DOAP PY11.13 Obtain history and perform general examination in the volunteer /simulated environment (History taking)	L BI6.9 Describe the functions of various minerals in the body, their metabolism	L AN43.4 Describe the development and developmental basis of congenital anomalies of face, palate, tongue, branchial apparatus, pituitary gland, thyroid gland & eye -(branchial apparatus, pituitary gland, thyroid gland & eye)	Early Clinical Exposure PY 8.2,8.4 Topic : Thyroid Deptt of Physiology Lecture theatre HI- Biochemisrty VI- Medicine	

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			and homeostasis.BI6.10 Enumerate and			
		DOAP BI11.11 Demonstrate estimation of calcium and phosphorous(Batch -B)	metabolism.			
13-02-2020	Thu	DOAP PY11.13 Obtain history and perform general examination in the volunteer / simulated environment (History taking)	L PY 8.2 Describe the synthesis, secretion, transport, physiological actions,regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas and hypothalamus (ParaThyroid)	L AN37.1 Describe & demonstrate features of nasal septum, lateral wall of nose, their blood supply and nerve supply	Describe anatomical basis of sinu	
		DOAP BI11.11 Demonstrate estimation of calcium and phosphorous(Batch -A)				
14-02-2020	Fri	DOAP PY11.13 Obtain history and perform general examination in the volunteer / simulated environment (Demo GPE 9:30-10:30) L PY 8.3 Describe the physiology of Thymus & Pineal Gland (10:30-11:30)	L BI4.1 Describe and 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	L AN37.2 Describe location and functional anatomy of paranasal sinuses	DOAP AN 37.2,37.3(VI-EN) Dissection of nasal cavity & paranasal air sinuses	

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15-02-2020	Sat	DOAP PY11.13 Obtain history and perform general examination in the volunteer / simulated environment (Practical GPE 9:30-10:30) Formative Assessment **Tutorial Endocine glands (10:30-11:30)**	**Tutorial Endocine glands (10:30-11:30)**	L AN38.1 Describe the morphology, identify structure of the wall, nerve supply, blood supply and actions of intrinsic and extrinsic muscles of the larynx	DOAP AN 38.1-38.3 Dissection of Larynx	
17-02-2020	Mon	**LGD PY11.11 Discuss the concept, criteria for diagnosis of Brain death and its implications**	L PY11.12 Discuss the physiological effects of meditation	L AN38.2 Describe the anatomical aspects of laryngitis AN38.3 Describe anatomical basis of recurrent laryngeal nerve injury	DOAP AN 43.6,43.7 Surface anatomy and radiological anatomy - head & neck AN 39.1,39.2 Dissection of Tongue	sports and extra curricular activities
18-02-2020	Tue	FA : Vitamins,mineralsand Nutrition	L PY11.11 Discuss the concept, criteria for diagnosis of Brain death and its implications	L 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 AN39.2 Explain the anatomical basis of hypoglossal nerve palsy	Skill assesment	
19-02-2020	Wed	DOAP PY6.9 Demonstrate the correct clinical examination of the respiratory system in a normal volunteer or simulated environment/	L BI4.2 Describe the processes involved in digestion and absorption of dietary	FA WRITTEN ASSESMENT	ECE Biochemistry BI 6.4 CLINICAL SKILLS: GOUT	

		DOAP BI11.11 Demonstrate estimation of calcium and phosphorous(Batch -B)	lipids and also the key features of their metabolism		venue - LT theatre	
20-02-2020	Thu	DOAP PY6.9 Demonstrate the correct clinical examination of the respiratory system in a normal volunteer or simulated environment/ DOAP BI11.11 Demonstrate estimation of calcium and phosphorous(Batch -B)	L PY6.1 Describe the functional anatomy of respiratory tract	L AN21.3 Describe & demonstrate the boundaries of thoracic inlet, cavity and outlet	AN21.1 DOAP Features of sternum, 1st rib and typical thoracic vertebrae	
22-02-2020	Sat	LGD PY11.6 Describe physiology of Infancy PY11.9 Interpret growth charts PY11.10 Interpret anthropometric assessment of infants	L 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	L AN21.4 Describe & demonstrate extent, attachments, direction of fibres, nerve supply and actions of intercostal muscles AN21.5 Describe & demonstrate origin, course, relations and branches of a typical intercostal nerve	Feedback on Formative assessment AN21.2 DOAP Demo of features of 2nd, 11th and 12th ribs, 1st, 11th and 12th thoracic vertebrae, typical rib	
24-02-2020	Mon	DOAP PY6.9 Demonstrate the correct clinical examination of the respiratory system in a normal volunteer or simulated environment	L PY5.10 Describe & discuss regional circulation including microcirculation, lymphatic circulation, coronary, cerebral, capillary, skin, foetal, pulmonary and splanchnic circulation	L AN21.6 Mention origin, course and branches/ tributaries of: 1) anterior & posterior intercostal vessels 2) internal thoracic vessels AN21.7 Mention the origin, course, relations and branches of 1) atypical intercostal nerve 2) superior intercostal artery, subcostal artery	DOAP AN 21.1-21.11 Dissection of Thoracic wall	sports and extra curricular activities
	Tue	SDL BI4.2 Describe the processes involved in digestion and absorption of dietary	L PY6.2 Describe the mechanics of normal respiration, pressure changes during ventilation, lung volume and capacities, alveolar surface tension	L AN21.8 Describe & demonstrate type, articular surfaces & movements of manubriosternal, costovertebral, costotransverse and xiphisternal joints	DOAP - 21.9-21.11 Mechanism of respiration	

2020-02-25		lipids&TUTORIAL	capacities, alveolar surface tension, compliance, airway resistance, ventilation, V/P ratio, diffusion capacity of lungs	AN21.9 Describe & demonstrate mechanies and types of respiration AN21.10 Describe costochondral and interchondral joints		
26-02-2020	Wed	DOAP PY6.8 Demonstrate the correct technique to perform & interpret Spirometry DOAP BI11.24 Enumerate advantages and/or disadvantages of use of unsaturated,saturated and trans fats in food.(Batch-B)	L BI4.2 Describe the processes involved in digestion and absorption of dietary lipids and also the key features of their metabolism	L AN21.11 Mention boundaries and contents of the superior, anterior, middle and posterior mediastinum	Early Clinical Exposure - Anatomy AN 36.4,37.2 Basic science co-relation With ENT to discuss tonsillitis & adenoids and sinusitis on AV aids venue - LT theatre	
27-02-2020	Thu	DOAP PY6.8 Demonstrate the correct technique to perform & interpret Spirometry/ DOAP BI11.24 Enumerate advantages and/or disadvantages of use of unsaturated,saturated and trans fats in food.(Batch-A)	L PY6.2 Describe the mechanics of normal respiration, pressure changesduring ventilation, lung volume and capacities, alveolar surfacetension, compliance, airway resistance, ventilation, V/P ratio,diffusion capacity of lungs	L AN22.1 Describe & demonstrate subdivisions, sinuses in pericardium, blood supply and nerve supply of pericardium	DOAP AN 22.1 Dissection of Pericardium	

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18-03-2020	Wed	SGD BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions: diabetes mellitus, dyslipidemia,myocardial infarction(Batch-B)	lipids	FA WRITTEN ASSESMENT	ECE Biochemistry 8.4 BASIC SCIENCE CORRELATION: ATHEROSCLEROSIS hospital /lab visit	
19-03-2020	Thu	DOAP PY5.13 Record and interpret normal ECG in a volunteer or simulated environment/ SGD BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions: diabetes mellitus, dyslipidemia,myocardial infarction(Batch-A)	L PY5.6 Describe abnormal ECG, arrythmias, heart block and myocardial Infarction	L AN15.1 Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of anterior thigh AN15.2 Describe and demonstrate major muscles with their attachment, nerve supply and actions	SKILL ASSESMENT	
20-03-2020	Fri	DOAP PY5.13 Record and interpret normal ECG in a volunteer or simulated environment (Batch A) PY3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments (Dissection+Cardiogram+Effect of Temperature Batch B)	L BI4.6 Describe the therapeutic uses of prostaglandins and inhibitors of eicosanoid synthesis.	L AN15.1 Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of anterior thigh AN15.3 Describe and demonstrate boundaries, floor, roof and contents of femoral triangle	Feedback on Formative assessment DOAP AN 15.1-15.5 Dissection - Front & Medial side of Thigh AN 14.1-14.4 Osteology: Hip Bone and Femur	
21-03-2020	Sat	DOAP PY5.13 Record and interpret normal ECG in a volunteer or simulated environment (Batch B) PY3.18 Observe with Computer assisted learning (i) amphibian nerve -	L PY5.7 Describe and discuss	L AN15.4 Explain anatomical basis of Psoas abscess & Femoral hernia	DOAP AN 14.1-14.4 Osteology: Hip Bone and Femur	

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28-02-2020	Fri	DOAP PY6.10 Demonstrate the correct technique to perform measurement of peak expiratory flow rate in a normal volunteer or simulated environment (Demo Stethography 9:30-10:30) L PY6.3 Describe and discuss the transport of respiratory gases: Oxygen and Carbon dioxide (10:30-11:30)	L BI4.2 Describe the processes involved in digestion and absorption of dietary lipids and also the key features of their metabolism	L AN25.2 Describe development of pleura, lung & heart (Heart) -I	SGD- Embryo models	

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29-02-2020	Sat	DOAP PY6.10 Demonstrate the correct technique to perform measurement of peak expiratory flow rate in a normal volunteer or simulated environment (Practical Stethography Batch A, Vitalograph Batch B)	L PY6.3 Describe and discuss the transport of respiratory gases: Oxygen and Carbon dioxide	AN25.2 Describe development of pleura, lung & heart (Heart) - II	Self Directed Learning AN25.8 Identify and describe in brief a barium swallow	
02-03-2020	Mon	DOAP PY6.10 Demonstrate the correct technique to perform measurement of peak expiratory flow rate in a normal volunteer or simulated environment (Practical Stethography Batch B, Vitalograph Batch A)	Feedback on FA L CM 3.1 Describe the health hazards of air, water, noise, radiation and pollution	L AN25.3 Describe fetal circulation and changes occurring at birth AN25.4 Describe embryological basis of: 1) atrial septal defect, 2) ventricular septal defect, 3) Fallot's tetralogy & 4) tracheo-oesophageal fistula	SGD- Embryo models	sports and extra curricular activities
03-03-2020	Tue	SDL BI4.5 Interpret laboratory results of analytes associated with metabolism of lipids	L PY6.3 Describe and discuss the transport of respiratory gases: Oxygen and Carbon dioxide (Regulation)	L AN25.5 Describe developmental basis of congenital anomalies, transposition of great vessels, dextrocardia, patent ductus arteriosus and coarctation of aorta	DOAP AN25.7 Identify structures seen on a plain x-ray chest (PA view)	
04-03-2020	Wed	DOAP PY6.10 Demonstrate the correct technique to perform measurement of peak expiratory flow rate in a normal volunteer or simulated environment (PEFR + Revision Stethography)/	L BI4.2 Describe the processes involved in digestion and absorption of dietary	L AN25.6 Mention development of aortic arch arteries, SVC, IVC and coronary sinus	DOAP Visit to Urban health training centre Boileuganj	

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		DOAP BI11.9 Demonstrate the estimation of serum total cholesterol and HDLcholesterol(batch-B)	lipids and also the key features of their metabolism			
05-03-2020	Thu	DOAP PY6.10 Demonstrate the correct technique to perform measurement of peak expiratory flow rate in a normal volunteer or simulated environment (PEFR + Revision Stethography)/	L PY6.4 Describe and discuss physiology of high altitude and deep sea diving	L AN22.2 Describe & demonstrate external and internal features of each chamber of heart AN22.6 Describe the fibrous skeleton of heart AN22.7 Mention the parts, position and arterial supply of the conducting system of heart	DOAP AN 22.2 Dissection - External features of heart & Internal feature of Heart	
		DOAP BI11.9 Demonstrate the estimation of serum total cholesterol and HDLcholesterol(batch-A)				
06-03-2020	Fri	AIT: Acute MI Linker Case-Introduction (9:30-10:30) VI - PA 21.8,PH1.28, IM-2.24 L PY5.1 Describe the functional anatomy of heart including chambers, sounds; and Pacemaker tissue and conducting system. (10:30-11:30)	PY5.2 Describe the properties of cardiac muscle including its morphology,electrical, mechanical and metabolic functions	L AN22.3 Describe & demonstrate origin, course and branches of coronary arteriesAN22.4 Describe anatomical basis of ischaemic heart disease	DOAP AN 22.3-22.7 - Dissection of Blood Supply AN 22.1-22.5 Dissection - Coronary arteries & veins related to heart	

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07-03-2020	Sat	DOAP PY5.15 Demonstrate the correct clinical examination of the cardiovascularsystem in a normal volunteer or simulated environment (Batch B) PY5.13 Record and interpret normal ECG in a volunteer or simulated environment/ (Batch A)	L BI4.2 Describe the processes involved in digestion and absorption of dietary lipids and also the key features of their metabolism BI4.7 Interpret laboratory results of analytes associated with metabolism of lipids.	L PY5.4 Describe generation, conduction of cardiac impulse	AN22.5 Describe & demonstrate the formation, course, tributaries and termination of coronary sinus PY5.3 Discuss the events occurring during the cardiac cycle	
09-03-2020	Mon	**DOAP PY5.15 Demonstrate the correct clinical examination of the cardiovascularsystem in a normal volunteer or simulated environment (Batch A) PY5.13 Record and interpret normal ECG in a volunteer or simulated**	NON ALIGNED TOPIC L CM 3.2 Describe concepts of safe and wholesome water, sanitary sources of water, water purification processes, water quality standards, concepts of water conservation and rainwater harvesting	L AN23.3 Describe & demonstrate origin, course, relations, tributaries and termination of superior venacava, azygos, hemiazygos and accessory hemiazygos veins	**L PY5.5 Describe the physiology of electrocardiogram (E.C.G), its applications and the cardiac axis (2-3) BI8.3 Provide dietary advice for optimal health in childhood and adult, in disease**	sports and extra curricular activities
11-03-2020	Wed	L PY5.6 Describe abnormal ECG, arrythmias, heart block and myocardial Infarction DOAP PY5.15 Demonstrate the correct clinical examination of the cardiovascularsystem in a normal volunteer or simulated environment BI11.10 Demonstrate the estimation of triglycerides	L BI4.3 Explain the regulation of lipoprotein metabolism & associated disorders BI11.9 Demonstrate the estimation of serum total cholesterol and HDLcholesterol	L AN23.1 Describe & demonstrate the external appearance, relations, blood supply, nerve supply,lymphatic drainage and applied anatomy of oesophagus	Early Clinical Exposure PY 6.7,6.8 Topic : Pulmonary Functions Deptt of Physiology Lecture theatre VI- PulmonaryMedicine	
		DOAP PY5.15 Demonstrate the correct clinical examination of the cardiovascular	L AN23.2 Describe & demonstrate the extent, relations tributaries of thoracic	L AN23.4 Mention the extent, branches and relations of arch of aorta & descending thoracic aorta	DOAP AN25.9 Demonstrate surface marking of lines of	

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12-03-2020	Thu	system in a normal volunteer or simulated environment /BI11.10 Demonstrate the estimation of triglycerides	duct and enumerate its applied anatomyAN23.7 Mention the extent, relations and applied anatomy of lymphatic duct	AN23.5 Identify & Mention the location and extent of thoracic sympathetic chain	pleural reflection, lung borders and fissures, trachea, heart borders, apex beat & surface projection of valves of heart	
13-03-2020	Fri	SGD (9:30-10:30) Conduction system of heart L PY6.6 Describe and discuss the pathophysiology of dyspnoea, hypoxia, cyanosis asphyxia; drowning, periodic breathing (10:30-11:30)	L BI4.4 Describe the structure and functions of lipoproteins, their functions, interrelations & relations with atherosclerosis	L 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	DOAP AN25.1 Identify, draw and label a slide of trachea and lung	
14-03-2020	Sat	DOAP PY5.16 Record Arterial pulse tracing using finger plethysmography in a volunteer or simulated environment (Batch A+B)	L PY5.3 Discuss the events occurring during the cardiac cycle	L AN24.2 Identify side, external features and relations of structures which form root of lung & bronchial tree and their clinical correlate AN24.5 Mention the blood supply, lymphatic drainage and nerve supply of lungs	DOAP AN25.1 Identify, draw and label a slide of trachea and lung	
16-03-2020	Mon	**SDL PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of**	L PY6.7 Describe and discuss lung function tests & their clinical significance	L AN24.3 Describe a bronchopulmonary segment AN24.4 Identify phrenic nerve & describe its formation & distribution	Small group discussion- Bronhopulmonary segments	sports and extra curricular activities
17-03-2020	Tue	SGD/Tutorial LIPID Metabolism	Self Directed Learning AN23.6 Describe the splanchnic nerves	L AN24.6 Describe the extent, length, relations, L	DOAP AN 25.7 Radiology anatomy of Respiratory system	
		DOAP PY5.13 Record and interpret normal ECG in a volunteer or simulated environment/	L BI4.7 Interpret laboratory results of analytes associated with metabolism of			

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18-03-2020	Wed	SGD BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions: diabetes mellitus, dyslipidemia,myocardial infarction(Batch-B)	lipids	FA WRITTEN ASSESMENT	ECE Biochemistry 8.4 BASIC SCIENCE CORRELATION: ATHEROSCLEROSIS hospital /lab visit	
19-03-2020	Thu	DOAP PY5.13 Record and interpret normal ECG in a volunteer or simulated environment/ SGD BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions: diabetes mellitus, dyslipidemia,myocardial infarction(Batch-A)	L PY5.6 Describe abnormal ECG, arrythmias, heart block and myocardial Infarction	L AN15.1 Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of anterior thigh AN15.2 Describe and demonstrate major muscles with their attachment, nerve supply and actions	SKILL ASSESMENT	
20-03-2020	Fri	DOAP PY5.13 Record and interpret normal ECG in a volunteer or simulated environment (Batch A) PY3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments (Dissection+Cardiogram+Effect of Temperature Batch B)	L BI4.6 Describe the therapeutic uses of prostaglandins and inhibitors of eicosanoid synthesis.	L AN15.1 Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of anterior thigh AN15.3 Describe and demonstrate boundaries, floor, roof and contents of femoral triangle	Feedback on Formative assessment DOAP AN 15.1-15.5 Dissection - Front & Medial side of Thigh AN 14.1-14.4 Osteology: Hip Bone and Femur	
		DOAP PY5.13 Record and interpret normal ECG in a volunteer or simulated environment (Batch B) PY3.18 Observe with Computer assisted learning (i) amphibian nerve -	L PY5.7 Describe and discuss	L AN15.4 Explain anatomical basis of Psoas abscess & Femoral hernia	DOAP AN 14.1-14.4 Osteology: Hip Bone and Femur	

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21-03-2020	Sat	muscle experiments (ii) amphibian cardiac experiments (Dissection+Cardiogram+Effect of Temperature Batch A)	haemodynamics of circulatory system	AN15.5 Describe and demonstrate adductor canal with its content	AN 15.3 Dissection - Femoral Triangle AN 15.3 Dissection adductor canal	
23-03-2020	Mon	**SDL PY6.4 Describe and discuss the physiology of high altitude and deep sea diving**	L PY5.8 Describe and discuss local and systemic cardiovascular regulatory mechanisms	L AN16.1 Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of gluteal region	DOAP AN 16.1-16.6 Dissection Gluteal Region	sports and extra curricular activities
24-03-2020	Tue	FA written assessment : BI vitamin,mineral,lipid chemistry & metabolism	L PY5.8 Describe and discuss local and systemic cardiovascular regulatory mechanisms (Neural)	L AN16.1 Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of gluteal region AN16.2 Describe anatomical basis of sciatic nerve injury during gluteal intramuscular injections AN16.3 Explain the anatomical basis of Trendelenburg sign boundaries, roof, floor, contents and relations of popliteal fossa	DOAP AN 16.1-16.6 Dissection Gluteal Region	

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25-03-2020	Wed	DOAP PY3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments (Properties of Heart) SGD BI11.17 Explain the basis and rationale of biochemical tests done in the followingconditions:Dyslpidemia,myocardial infarction,edema	L BI6.6 Describe the biochemical processes involved in generation of energy in cells.	L AN16.4 Describe and demonstrate the hamstrings group of muscles with their attachment, nerve supply and actions AN16.5 Describe and demonstrate the origin, course, relations, branches (or tributaries), termination of important nerves and vessels on the back of thigh	Early Clinical Exposure - Anatomy AN 14.1 - 14.4 Basic science co-relation With orthopedics to discuss fracture neck femur and hip replacement therapy on AV aids venue - clinics	
26-03-2020	Thu	DOAP PY3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiacB Feedback on Formative assessment SGD BI11.17Explain the basis and rationale of biochemical tests done in the followingconditions:Dyslpidemia,myocardial infarction,edema experiments (Properties of Heart)/BI11.17 Explain the basis and rationale of biochemical tests done in the followingconditions:Dyslpidemia,myocardial infarction,edema	L PY5.9 Describe the factors affecting heart rate, regulation of cardiac output & blood pressure (BP)	L AN16.6 Describe and demonstrate the boundaries, roof, floor, contents and relations of popliteal fossa	DOAP AN 16.1-16.5 Dissection - Back of Thigh AN 16.6 Dissection - Popliteal Fossa AN 14.1-14.4 Osteology Patella, Tibia	

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27-03-2020	Fri	DOAP PY5.12 Record blood pressure & pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment (Normal BP recording Batch A) PY3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments (Properties of Heart Batch B)	L BI6.6 Describe the biochemical processes involved in generation of energy in cells.	L 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	Self Directed Learning AN17.2 D	
28-03-2020	Sat	DOAP PY5.12 Record blood pressure & pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment (Normal BP recording Batch B) PY3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments (Properties of Heart Batch A)	L PY5.9 Describe the factors affecting heart rate, regulation of cardiac output & blood pressure (BP)	L AN18.1 Describe and demonstrate major muscles of anterolateral compartment of leg with their attachment, nerve supply and actions AN18.2 Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of anterior compartment of leg AN18.3 Explain the anatomical basis of foot drop	DOAP AN 14.1-14.4 Osteology Patella, Tibia	
		SDL PY6.5 Describe and discuss		L AN18.1 Describe and demonstrate major muscles of anterolateral compartment of leg with their attachment, nerve supply and actions	DOAP AN 14.1-14.4,20.1-20.10	

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30-03-2020	Mon	the principles of artificial respiration, oxygen therapy, acclimatization and decompression sickness.	L PY5.9 Describe the factors affecting heart rate, regulation of cardiac output & blood pressure (CO)	AN18.2 Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of anterior compartment of leg AN18.3 Explain the anatomical basis of foot drop	Osteology - Fibula and tarsal bones, Surface marking & Radiological Anatomy	sports and extra curricular activities
31-03-2020	Tue	ECE Biochmeistry BI 8.2: Protein Energy malnutrition		L AN18.4 Describe and demonstrate the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply, bursae around the knee joint	DOAP AN 18.4-18.7 Dissection - knee joint	
01-04-2020	Wed	DOAP PY5.12 Record blood pressure & pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment (Effect of Posture on BP)/B	L BI6.1 Discuss the metabolic processes that take place in specific organs in the body in the fed and fasting states.	L AN18.5 Explain the anatomical basis of locking and unlocking of the knee joint AN18.6 Describe knee joint injuries with its applied anatomy	DOAP CM 5.1 Describe the common sources of various nutrients and special nutritional requirements according to age, sex, activity, physiological conditions	

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		DOAP BI11.7 Demonstrate the estimation of serum creatinine and creatinine clearance		AN18.7 Explain anatomical basis of Osteoarthritis		
03-04-2020	Fri	DOAP PY3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments (Revision & viva Batch A) PY5.12 Record blood pressure & pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment (Effect of Posture on BP Batch B)	L BI6.1 Discuss the metabolic processes that take place in specific organs in the body in the fed and fasting states.	L AN19.1 Describe and demonstrate the major muscles of back of leg with their attachment, nerve supply and actions AN19.3 Explain the concept of "Peripheral heart" AN19.4 Explain the anatomical basis of rupture of calcaneal tendon	DOAP AN 19.1-19.7 Dissection - Posterior compartment leg AN 18.1,18.2 Dissection - lateral compartment of Leg	
04-04-2020	Sat	DOAP PY3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments (Revision & viva Batch B) PY5.12 Record blood pressure & pulse at rest and in different grades of	L PY5.11 Describe the patho-physiology of shock, syncope and heart failure	L AN19.2 Describe and demonstrate the origin, course, relations, branches (or tributaries), termination of important nerves and vessels of back of leg	Formative Assesment	

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		exercise and postures in a volunteer or simulated environment (Effect of Exercise on BP Batch A)				
06-04-2020	Mon	DOAP PY5.14 Observe cardiovascular autonomic function tests in a volunteer or simulated environment (Batch A) PY5.12 Record blood pressure & pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment (Effect of Exercise on BP Batch B)	L CM 3.3 Describe the etiology and basis of water borne diseases /jaundice/hepatitis/ diarrheal diseases	L AN19.5 Describe factors maintaining importance arches of the foot with its importance	Feedback on Formative assessment DOAP AN 14.1-14.4,20.1-20.10 Osteology - Fibula and tarsal bones, Surface marking & Radiological Anatomy	sports and extra curricular activities
07-04-2020	Tue	ECE Biochmeistry BI 6.12: Paraproteinemias, Multiple Myeloma case Hiistory	L PY5.11 Describe the patho-physiology of shock, syncope and heart failure	L AN19.6 Explain the anatomical basis of Flat foot & Club foot AN19.7 Explain the anatomical basis of Metatarsalgia & Plantar fasciitis	DOAP AN 14.1-14.4,20.1-20.10 Osteology - Fibula and tarsal bones, Surface marking & Radiological Anatomy	
08-04-2020	Wed	DOAP PY5.12 Record blood pressure & pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment (Revision)/ DOAP BI11.21 Demonstrate estimation of glucose, creatinine, urea and total protein in serum.(urea)	L BI10.1 Describe the cancer initiation, promotion oncogenes & oncogene activation. Also focus on p53 & apoptosis	L AN20.3 Describe and demonstrate Fascia lata, Venous drainage, Lymphatic drainage, Retinacula & Dermatomes of lower limb AN20.5 Explain anatomical basis of varicose veins and deep vein thrombosis	Early Clinical Exposure PY 5.9,5.11 Topic : Shock Deptt of Physiology Lecture theatre +Hospital visit VI- General Medicine	

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09-04-2020	Thu	DOAP PY5.14 Observe cardiovascular autonomic function tests in a volunteer or simulated environment/ DOAP BI11.21 Demonstrate estimation of glucose, creatinine, urea and total protein in serum.(urea)	L PY5.10 Describe & discuss regional circulation including microcirculation, lymphatic circulation, coronary, erebral, capillary, skin, foetal, pulmonary and splanchnic circulation (Coronary)	L AN20.3 Describe and demonstrate Fascia lata, Venous drainage, Lymphatic drainage, Retinacula & Dermatomes of lower limb AN20.4 Explain anatomical basis of enlarged inguinal lymph nodes AN20.10 Describe basic concept of development of lower limb	Small group discussion - Varicose Veins (Large Group) Lymphatic drainage and venous drainage of lower limb	
11-04-2020	Sat	DOAP PY5.12 Record blood pressure & pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment (Revision Batch B) Haematology lab Revision (Batch A)	L PY5.10 Describe & discuss regional circulation including microcirculation, lymphatic circulation, coronary, erebral, capillary, skin, foetal, pulmonary and splanchnic circulation (Cerebral)	L 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	**Self Directed Learning AN20.2 D**	
13-04-2020	Mon	**SDL PY6.6 Describe and discuss the pathophysiology of dyspnoea, hypoxia, cyanosis asphyxia; drowning, periodic breathing** **DOAP Haematology lab Revision/pra**	L CM 3.4 Describe the concept of solid waste, human excreta and sewage disposal	L 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	DOAP AN 20.1 Dissection - Ankle joint	sports and extra curricular activities

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16-04-2020	Thu	DOAP BI11.21 Demonstrate estimation of glucose, creatinine, urea and total protein in serum.(creatinine)	L PY5.10 Describe & discuss regional circulation including microcirculation, lymphatic circulation, coronary, erebral, capillary, skin, foetal, pulmonary and splanchnic circulation	FA WRITTEN ASSESMENT	Skill assesment	
17-04-2020	Fri	DOAP Haematology lab Revision (Batch A) Human Lab revision (Batch B)	L BI10.2 Describe various biochemical tumor markers and the biochemical basis of cancer therapy.	L (Anterior abdominal wall -I) AN44.1 Describe & demonstrate the Planes (transpyloric, transtubercular, subcostal, lateral vertical, linea alba, linea semilunaris), regions & Quadrants of abdomen AN44.2 Describe & identify the Fascia, nerves & blood vessels of anterior abdominal wall AN44.6 Describe & demonstrate attachments of muscles of anterior abdominal wall 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	DOAP AN 44.1, 44.2, 44.6 Demonstrate soft tissue and bony landmarks of abdomen SGD - Region of abdomen	
				L (Anterior abdominal wall -II) AN44.3 Describe the formation of rectus sheath and its contents	Feedback on Formative assessment HIP BONE -1 DOAP	

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18-04-2020	Sat	DOAP Human Lab revision (Batch A) Haematology lab Revision (Batch B)	L PY11.4 Describe and discuss cardio-respiratory and metabolic adjustments during exercise; physical training effects	AN44.7 Enumerate common Abdominal incisions	AN53.1 Identify & hold the bone in the anatomical position, Describe the salient features, articulations & demonstrate the attachments of muscle groups	
2020-04-20	Mon	**SDL PY5.2 Describe the** **properties of cardiac muscle including its morphology, electrical, mechanical and metabolic functions**	L PY11.8 Discuss & compare cardio-respiratory changes in exercise (isometric and isotonic) with that in the resting state and under different environmental conditions (heat and cold)	L (Anterior abdominal wall -III) AN44.4 Describe & demonstrate extent, boundaries, contents of Inguinal canal including Hesselbach's triangle. AN44.5 Explain the anatomical basis of inguinal hernia. 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	AN 44.4, 44.6 Dissection - Inguinal canal SGD	sports and extra curricular activities
21-04-2020	Tue	ECE Biochmeistry BI10.1, 10.2: Lab diagnosis of cancer , Tumour markers, PSA, CA 125 etc. Clinical Biochemistry Lab	L PY5.10 Describe & discuss regional circulation including microcirculation, lymphatic circulation, coronary, erebral, capillary, skin, foetal, pulmonary and splanchnic circulation	L Abdominal cavity - I AN47.2 Name & identify various peritoneal folds & pouches with its explanation. AN47.3 Explain anatomical basis of Ascites & Peritonitis AN51.1 Describe & identify the cross-section at the level of T8, T10 and L1 (transpyloric plane) AN51.2 Describe & identify the midsagittal section of male and female pelvis AN55.2 Demonstrate the surface projections of: Stomach, Liver, Fundus of gall bladder, Spleen, Duodenum, Pancreas, Ileocaecal junction, Kidneys & Root of mesentery	AN 47.1, 47.2, 47.4 Dissection and Peritoneum - Peritoneum DOAP- Leseer & Greater sac, Lig of liver, Subphrenic spaces	

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22-04-2020	Wed	TERM II THEORY					
23-04-2020	Thu	TERM II THEORY					
24-04-2020	Fri	TERM II THEORY					
27-04-2020	Mon	TERM II PRACTICAL EXAM					
28-04-2020	Tue	TERM II PRACTICAL EXAM					
29-04-2020	Wed	TERM II PRACTICAL EXAM					
30-04-2020	Thu	**Revision practical**	L PY4.1 Describe the structure and functions of digestive system		L Abdominal cavity - II AN47.1 Describe & identify boundaries and recesses of Lesser & Greater sac AN47.4 Explain anatomical basis of Subphrenic abscess	DOAP AN 47.1, 47.2 Dissection and Peritoneum - Peritoneum	
01-05-2020	Fri	DOAP PY3.15 Demonstrate effect of mild, moderate and severe exercise and record changes in cardiorespiratory parameters PY3.16 Demonstrate Harvard Step test and describe the impact on induced physiologic parameters in a simulated environment	L BI10.2 Describe various biochemical tumor markers and the biochemical basis of cancer therapy.		L Male external genitilia - I AN46.1 Describe & demonstrate coverings, internal structure, side determination, blood supply, nerve supply, lymphatic drainage & descent of testis with its applied anatomy AN46.2 Describe parts of Epididymis	DOAP AN46.1, 46.2 Demonstration of Testis and Epididymis DOAP - AN 46.1, 46.2, 46.3 - Cruptorchidism, ectopic testis & hydrocele	
02-05-2020	Sat	DOAP PY4.10 Demonstrate the correct clinical examination of the abdomen in a normal volunteer or simulated environment(Batch A + B)	L PY4.2 Describe the composition, mechanism of secretion, functions, and regulation of saliva, gastric, pancreatic, intestinal juices and bile secretion(Saliva)		L Male external genitilia - II AN46.3 Describe Penis under following headings: (parts, components, blood supply and lymphatic drainage) AN46.4 Explain the anatomical basis of Varicocoele AN46.5 Explain the anatomical basis of Phimosis & Circumcision	DOAP AN46.1, 46.2 Demonstration of Testis and Epididymis AN 46.1, 46.2, 46.3 - Cruptorchidism, ectopic testis & hydrocele	
					L Embryology - GIT - I		sports and extra

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04-05-2020	Mon	**SDL PY5.3 Discuss the events occurring during the cardiac cycle**	L CM 3.5 Describe the standards of housing and the effect of housing on health	AN52.6 Describe the development and congenital anomalies of: Foregut, Midgut & Hindgut	AN52.6 SGD Discuss models of embryology	sports and extra curricular activities
05-05-2020	Tue	FA : NUTRIENTS	L PY4.2 Describe the composition, mechanism of secretion, functions, and regulation of saliva, gastric, pancreatic, intestinal juices and bile secretion(Stomach)	L Histology - GIT -I AN52.1 Describe & identify the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, Pylorus of stomach, Duodenum, Jejunum, Ileum, Large intestine, Appendix, Liver, Gall bladder, Pancreas & Suprarenal gland AN52.3 Describe & identify the microanatomical features of Cardiooesophageal junction, Corpus luteum	DOAP AN 52.1, 52.3 Histology Slides - GIT -I	
06-05-2020	Wed	DOAP PY4.10 Demonstrate the correct clinical examination of the abdomen in a normal volunteer or simulated environment(Practical) Feedback on FA and revision practical	L BI7.1 Describe the structure and functions of DNA and RNA and outline the cell cycle.	L Embryology - GIT - II AN52.6 Describe the development and congenital anomalies of: Foregut, Midgut & Hindgut	DOAP Visit to Water Works Dhalli	
			L BI7.1 Describe the structure and functions of DNA and RNA and outline the cell	L (SI- OESOPHAGUS & STOMACH) - I AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)	DOAP AN 52.1, 52.3 Histology Slides - GIT -I	

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08-05-2020	Fri	SGD - Achalasia L PY4.9 Discuss the physiology aspects of: peptic ulcer, gastrooesophageal reflux disease, vomiting, diarrhoea, constipation, Adynamic ileus, Hirschsprung's disease(peptic ulcer)10:30-11:30)	cycle.	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 AN52.1 Describe & identify the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, Pylorus of stomach, Duodenum, Jejunum, Ileum, Large intestine, Appendix, Liver, Gall bladder, Pancreas & Suprarenal gland AN52.3 Describe & identify the microanatomical features of Cardiooesophageal junction, Corpus luteum AN55.2 Demonstrate the surface projections of: Stomach, Liver, Fundus of gall bladder, Spleen, Duodenum, Pancreas, Ileocaecal junction, Kidneys & Root of mesentery	AN47.5 Dissection & Demo of Stomach		
				L (SI- OESOPHAGUS & STOMACH) - II AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)			

09-05-2020	Sat	SDL PY5.8 Describe and discuss local and systemic cardiovascular regulatory mechanisms	L PY4.2 Describe the composition, mechanism of secretion, functions, and regulation of saliva, gastric, pancreatic, intestinal juices and bile secretion (SI & LI)	L 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 AN52.1 Describe & identify the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, Pylorus of stomach, Duodenum, Jejunum, Ileum, Large intestine, Appendix, Liver, Gall bladder, Pancreas & Suprarenal gland AN52.3 Describe & identify the microanatomical features of Cardiooesophageal junction, Corpus luteum AN55.2 Demonstrate the surface projections of: Stomach, Liver, Fundus of gall bladder, Spleen, Duodenum, Pancreas, Ileocaecal junction, Kidneys & Root of mesentery	DOAP AN47.5 Dissection & Demo of Stomach	
11-05-2020	Mon	SDL PY5.9 Describe the factors affecting heart rate, regulation of cardiac output & blood pressure	L CM 3.6 Describe the role of vectors in the causation of diseases. Also discuss National Vector Borne disease Control Program	Embryology - GIT - III AN52.6 Describe the development and congenital anomalies of: Foregut, Midgut & Hindgut Histology - GIT -II	AN52.6 SGD Discuss models of emb	

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12-05-2020	Tue	FA: covered topics	L PY4.3 Describe GIT movements, regulation and functions. Describe defecation reflex. Explain role of dietary fibre.(Intestinal motility)	AN52.1 Describe & identify the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, Pylorus of stomach, Duodenum, Jejunum, Ileum, Large intestine, Appendix, Liver, Gall bladder, Pancreas & Suprarenal gland AN52.3 Describe & identify the microanatomical features of Cardiooesophageal junction, Corpus luteum	DOAP AN 52.1, 52.3 Histology Slides - GIT -II	
13-05-2020	Wed	DOAP Revision of Amhibian Practicals Feedback on Formative assessment DOAP BI11.16•Autoanalyser •Quality control	L BI7.2 Describe the processes involved in replication & repair of DNA and the transcription & translation mechanisms.	L (Small Intestine- Duodenum) AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) AN52.1 Describe & identify the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, Pylorus of stomach, Duodenum, Jejunum, Ileum, Large intestine, Appendix, Liver, Gall bladder, Pancreas & Suprarenal gland AN55.2 Demonstrate the surface projections of: Stomach, Liver, Fundus of gall bladder, Spleen, Duodenum, Pancreas, Ileocaecal junction, Kidneys & Root of mesentery	Early Clinical Exposure PY 4.9 Topic : peptic ulcer Deptt of Physiology visit to Gastroentrology Deptt HI- Biochemistry VI- General Medicine	

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14-05-2020	Thu	DOAP Revision of Amhibian Practicals DOAP BI11.16•Autoanalyser •Quality control	L PY4.9 Discuss the physiology aspects of: peptic ulcer, gastrooesophageal reflux disease, vomiting, diarrhoea, constipation, Adynamic ileus, Hirschsprung's disease	L (Large Intestine- Caeum & Appendix) AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) AN52.1 Describe & identify the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, Pylorus of stomach, Duodenum, Jejunum, Ileum, Large intestine, Appendix, Liver, Gall bladder, Pancreas & Suprarenal gland 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 AN55.2 Demonstrate the surface projections of: Stomach, Liver, Fundus of gall bladder, Spleen, Duodenum, Pancreas, Ileocaecal junction, Kidneys & Root of mesentery	DOAP AN 52.1, 52.3 Histology Slides - GIT -II DOAP AN47.5 Dissection & Demo of Small & Large Intestine	
			L BI7.2 Describe the processes involved in replication & repair of DNA and the	L Histology - GIT -III		

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15-05-2020	Fri	**Formative assessment - skill assessment Amphibian Lab Leaving (Batch A)** Revsion of Clinical Practicals (Batch B)	transcription & translation mechanisms.	AN52.1 Describe & identify the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, Pylorus of stomach, Duodenum, Jejunum, Ileum, Large intestine, Appendix, Liver, Gall bladder, Pancreas & Suprarenal gland AN52.3 Describe & identify the microanatomical features of Cardiooesophageal junction, Corpus luteum	DOAP AN47.5 Dissection & Demo of Small & Large Intestine	
16-05-2020	Sat	**Formative assessment - skill assessment Amphibian Lab Leaving (Batch B)** Revsion of Clinical Practicals (Batch A)	L PY5.10 Describe & discuss regional circulation including microcirculation, lymphatic circulation, coronary, erebral, capillary, skin, foetal, pulmonary and **splanchnic circulation**	L AN47.9 Describe & identify the origin, course, important relations and branches of Abdominal aorta, Coeliac trunk, Superior mesenteric, Inferior mesenteric & Common iliac artery	DOAP AN 52.1, 52.3 Histology Slides - GIT -III AN47.9 Demo of branches of abdominal aorta	
18-05-2020	Mon	**SDL PY5.5 Describe the physiology of electrocardiogram (E.C.G), its applications and the cardiac axis**	L PY4.4 Describe the physiology of digestion and absorption of nutrients	L Histology - GIT -IV AN52.1 Describe & identify the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, Pylorus of stomach, Duodenum, Jejunum, Ileum, Large intestine, Appendix, Liver, Gall bladder, Pancreas & Suprarenal gland	DOAP AN 52.1, 52.3 Histology Slides - GIT -IV	sports and extra curricular activities

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				AN52.3 Describe & identify the microanatomical features of Cardiooesophageal junction, Corpus luteum		
19-05-2020	Tue	SGS/Seminar /Tutorial : LFT	L PY4.2 Describe the composition, mechanism of secretion, functions, and regulation of saliva, gastric, pancreatic, intestinal juices and bile secretion PY4.8 Describe & discuss gastric function tests, **pancreatic exocrine function tests** & liver function tests	L AN47.8 Describe & identify the formation, course relations and tributaries of Portal vein, Inferior vena cava & Renal vein AN47.10 Enumerate the sites of portosystemic anastomosis AN47.11 Explain the anatomic basis of hematemesis & caput medusae in Portal hypertension	DOAP AN 52.1, 52.3 Histology Slides - GIT -IV AN47.8 Dissection & Demo of portal vein, renal vein & IVC	
20-05-2020	Wed	Revsion of Haematology Practicals REVISION PRACTICAL	L BI7.2 Describe the processes involved in replication & repair of DNA and the transcription & translation mechanisms.	L AN47.8 Describe & identify the formation, course relations and tributaries of Portal vein, Inferior vena cava & Renal vein AN47.10 Enumerate the sites of portosystemic anastomosis AN47.11 Explain the anatomic basis of hematemesis & caput medusae in portal hypertension	ECE Biochemistry BI 6.14 BASIC SCIENCE CORRELATION: LFT & Jaundice hospital/lab visit	
				L Extra Biliary Apparatus -I AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)		

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21-05-2020	Thu	AIT Introduction to LINKER CASE - 2 TOPIC-JAUNDICE (9:30-10:30 AM) VI PA 25.1,25.6 CM.3.3, IM 5.10, SU 28.12 L PY2.5 Describe different types of Jaundice	L PY4.7 Describe & discuss the structure and functions of liver and gall bladder	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 AN47.7 Mention the clinical importance of Calot's triangle AN52.1 Describe & identify the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, Pylorus of stomach, Duodenum, Jejunum, Ileum, Large intestine, Appendix, Liver, Gall bladder, Pancreas & Suprarenal gland 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 AN55.2 Demonstrate the surface projections of: Stomach, Liver, Fundus of gall bladder, Spleen, Duodenum, Pancreas, Ileocaecal junction, Kidneys & Root of mesentery	DOAP AN47.5 Dissection & Demo of Extrahepatic billary appratus	
				L Extra Biliary Apparatus - II		

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22-05-20Fri		SGD Liver Function Test L PY4.8 Describe & discuss gastric function tests, pancreatic exocrine function tests & liver function tests	L BI6.14 Describe the test that are commonly done in clinical practice to access function of these organs	AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) AN47.7 Mention the clinical importance of Calot's triangle AN52.1 Describe & identify the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, Pylorus of stomach, Duodenum, Jejunum, Ileum, Large intestine, Appendix, Liver, Gall bladder, Pancreas & Suprarenal gland 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 AN55.2 Demonstrate the surface projections of: Stomach, Liver, Fundus of gall bladder, Spleen, Duodenum, Pancreas, Ileocaecal junction, Kidneys & Root of mesentery	**Self Directed Learning 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**	
		L Liver AN47.5 Describe &		L Spleen		

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Shimla

23-05-2020	Sat	demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) 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 AN52.1 Describe & identify the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, Pylorus of stomach, Duodenum, Jejunum, Ileum, Large intestine, Appendix, Liver, Gall bladder, Pancreas &	L BI 11.17 Explain the basis and rationale of biochemical test done in jaundice	AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) 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 AN55.2 Demonstrate the surface projections of: Stomach, Liver, Fundus of gall bladder, Spleen, Duodenum, Pancreas, Ileocaecal junction, Kidneys & Root of mesentery	L PY4.5 Describe the source of GIT hormones, their regulation and functions SDL PY5.6 Describe abnormal ECG, arrythmias, heart block and myocardial Infarction		
			L PY11.1 Describe and discuss	L Pancreas AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)			

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Indira Gandhi Medical College,
Shimla

26-05-2020	Tue	SDL BI7.2 Describe the processes involved in replication & repair of DNA and the transcription & translation mechanisms.	mechanism of temperature regulation PY11.2 Describe and discuss adaptation to altered temperature (heat and cold) PY11.3 Describe and discuss mechanism of fever, cold injuries and heat stroke	AN52.1 Describe & identify the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, Pylorus of stomach, Duodenum, Jejunum, Ileum, Large intestine, Appendix, Liver, Gall bladder, Pancreas & Suprarenal gland AN55.2 Demonstrate the surface projections of: Stomach, Liver, Fundus of gall bladder, Spleen, Duodenum, Pancreas, Ileocaecal junction, Kidneys & Root of mesentery	DOAP AN47.5 Dissection & Demo of Panreas DOAP AN47.5 Dissection & Demo of Spleen, LIVER	
27-05-2020	Wed	Sports and Extra- curricular Activities			Annual Cultural Program - Simulus	
28-05-2020	Thu					
29-05-2020	Fri					
30-05-2020	Sat					
01-06-2020	Mon	**SDL PY4.3 Describe GIT movements, regulation and functions. Describe defecation reflex. Explain role of dietary fibre.**	L CM 5.3 Define and describe common nutrition related health disorders (including macro-PEM, Micro-iron, Zn, iodine, Vit. A), their control and management (BCHM)	L PY11.5 Describe and discuss physiological consequences of sedentary lifestyle	DOAP AN47.5 Dissection & Demo of Liver	sports and extra curricular activities
02-06-2020	Tue	ECE Biochmeistry BI11.17: Case studies on Calcium and phosphorus Metabolism. Clinical Biochemistry lab	L PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas and hypothalamus	L Embryology- Urinary system - I AN52.4 Describe the development of anterior abdominal wall AN52.7 Describe the development of Urinary system	DOAP AN47.5 Dissection & Demo of Kidney & Demo of Sacrum AN52.4, 52.7 Discuss models of urinary system	
			L BI7.2 Describe the processes involved in replication & repair of DNA and the	L Kidney & Ureter -I		

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03-06-2020	Wed	Tutorial on Regional Circulations	transcription & translation mechanisms.	AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) 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 N52.2 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 AN55.2 Demonstrate the surface projections of: Stomach, Liver, Fundus of gall bladder, Spleen, Duodenum, Pancreas, Ileocaecal junction, Kidneys & Root of mesentery	DOAP CM 5.2 Describe and demonstrate the correct method of performing a nutritional assessment of individuals, families and the community by using the appropriate method
		One Hour Lecture (9.30 am to 10.30 am) L BI7.2 Describe the processes involved in replication & repair of DNA and transcription & translation mechanisms. One hour SGD (10.30 am to 11.30am) BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions:renal failure, gout,			

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		- proteinuria, - nephrotic syndrome				
04-06-2020	Thu	Tutorial on Regional Circulations	L PY8.4 Describe function tests: Thyroid gland; Adrenal cortex, Adrenal medulla and pancreas	L Kidney & Ureter -II AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) 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 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	DOAP AN47.5 Dissection & Demo of Kidney & Demo of Sacrum AN52.4, 52.7 Discuss models of urinary system SGD	
		SGD BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions:renal failure, gout, - proteinuria, - nephrotic syndrome				
				Histology - Urinary System AN52.2 Describe & identify the microanatomical features of:		

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06-06-2020	Sat	SDL PY4.5 Describe the source of GIT hormones, their regulation and functions	L PY7.1 Describe structure and function of kidney	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	DOAP AN47.5 Dissection & Demo of Kidney & Ureter	
08-06-2020	Mon	**SDL PY4.6 Describe the Gut-Brain A**	L CM 5.5 Describe the methods of nutritional surveillance, principles of nutritional education and rehabilitation in the context of sociocultural factors.	L Kidney & Ureter -III AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) 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 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	DOAP AN 52.1, 52.3 Histology Slides - Urinary system	sports and extra curricular activities
09-06-2020	Tue	L BI6.13 Describe the functions of the kidney, liver, thyroid and	PY7.2 Describe the structure and functions of juxta glomerular apparatus	L Embryology- Urinary system - II AN52.4 Describe the development of anterior abdominal wall	DOAP AN 52.1, 52.3 Histology Slides - Urinary system	

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		adrenal glands	and role of renin-angiotensin system	AN52.7 Describe the development of Urinary system		
10-06-2020	Wed	DOAP Human Lab Revision SGD BI11.17 Explain the basis and rationale of biochemical tests done in the following conditionsjaundice, - liver diseases, pancreatitis, disorders of acid- base balance, - thyroid disorders	L BI6.13 Describe the functions of the kidney, liver, thyroid and adrenal glands	L Embryology- Urinary system - III AN52.4 Describe the development of anterior abdominal wall AN52.7 Describe the development of Urinary system	Early Clinical Exposure PY 8.2,8.4 Topic : Diabetes Deptt of Physiology visit to Endocrinology Deptt HI- Biochemistry VI- General Medicine	
11-06-2020	Thu	DOAP Human Lab Revision SGD BI11.17 Explain the basis and rationale of biochemical tests done in the following conditionsjaundice, - liver diseases, pancreatitis, disorders of acid- base balance, - thyroid disorders	L PY7.3 Describe the mechanism of urine formation involving processes of filtration, tubular reabsorption & secretion; concentration and diluting mechanism	L Suprarenal gland AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) AN52.1 Describe & identify the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, Pylorus of stomach, Duodenum, Jejunum, Ileum, Large intestine, Appendix, Liver, Gall bladder, Pancreas & Suprarenal gland	AN52.4, 52.7 SGD Discuss models of urinary system SGD	

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12-06-2020	Fri	SGD (9:30-10:30) Counter current mechanism L PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, **adrenal gland,** pancreas and hypothalamus(10:30-11:30)	L BI6.13 Describe the functions of the kidney, liver, thyroid and adrenal glands	L Diaphragm - I AN47.13 Describe & demonstrate the attachments, openings, nerve supply & action of the thoracoabdominal diaphragm AN51.1 Describe & identify the cross-section at the level of T8, T10 and L1 (transpyloric plane) AN52.5 Describe the development and congenital anomalies of Diaphragm	**Self Directed Learning AN47.14 I**	
13-06-2020	Sat	SDL PY4.9 Discuss the physiology aspects of: peptic ulcer, gastrooesophageal reflux disease, vomiting, diarrhoea, constipation, Adynamic ileus, Hirschsprung's disease	L PY8.4 Describe function tests: Thyroid gland; Adrenal cortex, Adrenal medulla and pancreas	L Diaphragm - II AN47.13 Describe & demonstrate the attachments, openings, nerve supply & action of the thoracoabdominal diaphragm AN47.14 Describe the abnormal openings of thoracoabdominal diaphragm and diaphragmatic hernia AN51.1 Describe & identify the cross-section at the level of T8, T10 and L1 (transpyloric plane) AN52.5 Describe the development and congenital anomalies of Diaphragm	DOAP AN47.13 Dissection & Demo of Diaphragm	
15-06-2020	Mon	**SDL PY4.9 Discuss the physiology aspects of: peptic ulcer, gastrooesophageal reflux disease, vomiting, diarrhoea, constipation, Adynamic ileus, Hirschsprung's**		L Posterior Abdominal wall - I AN45.1 Describe Thoracolumbar fascia Written AN45.3 Mention the major subgroups of back muscles, nerve supply and action	SGD- Diaphragm	
				L Posterior Abdominal Wall - II		

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Shimla

16-06-2020	Tue	FA: MOLECULAR BIOLOGY	L PY8.5 Describe the metabolic and endocrine consequences of obesity & metabolic syndrome, Stress response. Outline the psychiatry component pertaining to metabolic syndrome.	AN45.2 Describe & demonstrate Lumbar plexus for its root value, formation & branches AN47.12 Describe important nerve plexuses of posterior abdominal wall	DOAP AN45.1, 45.3 Dissection & Demo of Post abdominal wall	
17-06-2020	Wed	DOAP Human Lab Revision DOAP BI11.22 Calculate albumin: globulin (AG) ratio and creatinine clearance	L BI6.14 Describe the tests that are commonly done in clinical practice to assess the functions of these organs (kidney, liver, thyroid and adrenal glands).	L Radiology - I AN54.3 Describe role of ERCP, CT abdomen, MRI, Arteriography in radiodiagnosis of abdomen	ECE Biochemistry Clinical Skills BI6.13: Hypothyroidism hospital/lab visit	
18-06-2020	Thu	DOAP Human Lab Revision DOAP BI11.22 Calculate albumin: globulin (AG) ratio and creatinine clearance	L PY7.3 Describe the mechanism of urine formation involving processes of filtration, tubular reabsorption & secretion; concentration and diluting mechanism	L Radiology - II AN54.1 Describe & identify features of plain X ray abdomen AN54.2 Describe & identify the special radiographs of abdominopelvic region (contrast X ray Barium swallow, Barium meal, Barium enema, Cholecystography, Intravenous pyelography & Hysterosalpingography)	SGD on X-rays and CT films	
19-06-2020	Fri	**SGD (9:30-10:30) Juxta Glomerular Apparatus Formative Written Assessment Endocrine (10:30-11:30)**	L BI6.15 Describe the abnormalities of kidney, liver, thyroid and adrenal glands.	FA WRITTEN ASSESMENT	SKILL ASSESMENT	
20-06-2020	Sat	**SDL(9:30-10:30) PY8.5 Describe the metabolic and endocrine consequences of obesity & metabolic syndrome, Stress response. Outline the psychiatry component pertaining to metabolic syndrome.**	PY7.3 Describe the mechanism of urine formation involving processes of filtration, tubular reabsorption & secretion; concentration and diluting mechanism	L Perineum -I AN49.1 Describe & demonstrate the superficial & deep perineal pouch (boundaries and contents) AN49.2 Describe & identify Perineal body AN49.3 Describe & demonstrate Perineal membrane in male & female	DOAP AN49.1-49.4 Demonstration and dissection of perinium	

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Shimla

		Feedback on Formative Assessment(10:30-11:30)		AN49.5 Explain the anatomical basis of Perineal tear, Episiotomy, Perianal abscess and Anal fissure		
22-06-2020	Mon	SDL PY11.6 Describe physiology of Infancy	L PY7.4 Describe & discuss the significance & implication of Renal clearance	L Perineum -II AN49.4 Describe & demonstrate boundaries, content & applied anatomy of Ischiorectal fossa AN49.5 Explain the anatomical basis of Perineal tear, Episiotomy, Perianal abscess and Anal fissure	Feedback on Formative assessment DOAP AN49.1-49.4 Demonstration and dissection of perinium. Demo of sacrum and pelvis	sports and extra curricular activities
23-06-2020	Tue	Feedback on Formative assessment /	L PY7.5 Describe the renal regulation of fluid and electrolytes & acid-base balance	L Perineum -III AN49.4 Describe & demonstrate boundaries, content & applied anatomy of Ischiorectal fossa	Self Directed Learning AN49.5 Ex	
24-06-2020	Wed	Human Lab leaving (A1)/SGD Acid base balance A2 DOAP BI11.16 equipments/techniques in biochemistry including Electrolyte analysis by ISE	L BI6.7 Describe the processes involved in maintenance of normal pH, water & electrolyte balance of body fluids and the derangements associated with these.	L Pelvis AN53.1 Identify & hold the bone in the anatomical position, Describe the salient features, articulations & demonstrate the attachments of muscle groups AN53.2 Demonstrate the anatomical position of bony pelvis & show boundaries of pelvic inlet, pelvic cavity, pelvic outlet AN53.3 Define true pelvis and false pelvis and demonstrate sex determination in male & female bony pelvis 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)	Early Clinical Exposure - Anatomy AN 44.4,44.5,46.1 Clinical Skills With Surgery to discuss inguinal hernia &hydrocoele in specified cases clinic visit	
		Human Lab leaving (B1)/SGD Acid base balance B2				

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25-06-2020	Thu	DOAP BI11.16 equipments/techniques in biochemistry including Electrolyte analysis by ISE	L PY7.5 Describe the renal regulation of fluid and electrolytes & acid-base balance	L AN48.1 Describe & identify the muscles of Pelvic diaphragm	DOAP AN 48.1 Demo & dissection of pelvic muscles	
26-06-2020	Fri	**SDL (9:30-10:30) PY11.7 Describe and discuss physiology of aging; free radicals and antioxidants** L PY7.6 Describe the innervations of urinary bladder, physiology of micturition and its abnormalities PY7.9 Describe cystometry and discuss the normal cystometrogram	L BI6.7 Describe the processes involved in maintenance of normal pH, water & electrolyte balance of body fluids and the derangements associated with these.	L Bladder & Urethra - I AN48.2 Describe & demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important male & female pelvic viscera AN48.5 Explain the anatomical basis of suprapubic cystostomy, Urinary obstruction in benign prostatic hypertrophy, Retroverted uterus, Prolapse uterus, Internal and external haemorrhoids, Anal fistula, Vasectomy, Tubal pregnancy & Tubal ligation AN48.6 Describe the neurological basis of Automatic bladder 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 L Bladder & Urethra - II	DOAP AN48.2 Demo of Urinary bladder AN 52.2 Histology- Slides Urinary bladder	

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27-06-2020	Sat	SDL PY11.9 Interpret growth charts	L PY7.7 Describe artificial kidney, dialysis and renal transplantation PY7.8 Describe & discuss Renal Function Tests	AN48.2 Describe & demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important male & female pelvic viscera AN48.5 Explain the anatomical basis of suprapubic cystostomy, Urinary obstruction in benign prostatic hypertrophy, Retroverted uterus, Prolapse uterus, Internal and external haemorrhoids, Anal fistula, Vasectomy, Tubal pregnancy & Tubal ligation AN48.6 Describe the neurological basis of Automatic bladder 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	DOAP AN48.2 Demo of Urinary bladder AN 52.2 Histology- Slides Urinary bladder	
29-06-2020	Mon	SDL PY11.10 Interpret anthropometric assessment of infants	L PY9.1 Describe and discuss sex determination; sex differentiation and their abnormities and outline psychiatry and practical implication of sex determination.	L Histology- Female reproductive organs 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	DOAP AN52.2 Histology slides- Female reproductive system	sports and extra curricular activities

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Shimla

				AN52.3 Describe & identify the microanatomical features of Cardiooesophageal junction, Corpus luteum		
30-06-2020	Tue	SGD BI6.8 Discuss and interpret results of Arterial Blood Gas (ABG) analysis in various disorders.	**Formative Assessment - Written Assessment (Renal Physiology)**	L Female Reproductive organs - I AN48.2 Describe & demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important male & female pelvic viscera	DOAP AN52.2 Histology slides- Female reproductive system	
01-07-2020	Wed	Human Lab leaving (A2)/Feedback on Formative assessment A1 DOAP BI11.16Observe use of commonly used equipments/techniques in biochemistrylaboratory including: ABG analyzer	L BI7.3 Describe gene mutations and basic mechanism of regulation of gene expression.	L Embryology- Female reproductive organs -I AN52.8 Describe the development of male & female reproductive system	DOAP CM 5.4 Plan and recommend a suitable diet for the individuals and families based on local availability of foods and economic status, etc in a simulated environment	
02-07-2020	Thu	Human Lab leaving (B2)/ Feedback on Formative assessment B1 DOAP BI11.16Observe use of commonly used equipments/techniques in biochemistrylaboratory including: ABG analyzer	L PY9.2 Describe and discuss puberty: onset, progression, stages; early and delayed puberty and outline adolescent clinical and psychological association.	L Embryology- Female reproductive organs -II AN52.8 Describe the development of male & female reproductive system	Formative Assesment	
		SGD (9:30-10:30) Abnormalities of puberty	L BI7.3 Describe gene mutations and basic mechanism of regulation of gene expression.	L Female Reproductive organs - II		

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03-07-2020	Fri	PY9.4 Describe female reproductive system: (a) functions of ovary and its control; (b) menstrual cycle - hormonal, uterine and ovarian changes(10:30-11:30)		AN48.2 Describe & demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important male & female pelvic viscera	Self Directed Learning AN48.5 E	
04-07-2020	Sat	Haematology Lab Revision (Batch B)	L PY9.5 Describe and discuss the physiological effects of sex hormones	L Female Reproductive organs - III AN48.5 Explain the anatomical basis of suprapubic cystostomy, Urinary obstruction in benign prostatic hypertrophy, Retroverted uterus, Prolapse uterus, Internal and external haemorrhoids, Anal fistula, Vasectomy, Tubal pregnancy & Tubal ligation AN48.8 Mention the structures palpable during vaginal & rectal examination	Feedback on Formative assessment DOAP AN48.2 Demo of female reproductive organs in pelvis	
06-07-2020	Mon	SDL PY11.12 Discuss the physiological effects of meditation	L CM 5.6 Enumerate and discuss the National Nutrition Policy, important national nutritional Programs including the Integrated Child Development Services Scheme (ICDS) etc	L Female Reproductive organs - IV AN48.5 Explain the anatomical basis of suprapubic cystostomy, Urinary obstruction in benign prostatic hypertrophy, Retroverted uterus, Prolapse uterus, Internal and external haemorrhoids, Anal fistula, Vasectomy, Tubal pregnancy & Tubal ligation AN48.8 Mention the structures palpable during vaginal & rectal examination	Small group discussion AN48.5	sports and extra curricular activities
2020-07-07	Tue	FA WRITTEN ASSESSMENT	L PY9.8 Describe and discuss the physiology of pregnancy, parturition & lactation and outline the psychology and psychiatry-disorders associated with it PY9.10 Discuss the physiological basis L BI7.3 Describe gene mutations and basic	L Embryology- Female reproductive organs -III AN52.8 Describe the development of male & female reproductive system L Male reproductive organs - I	SGD Demo of embryo models	

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Shimla

08-07-2020	Wed	DOAP Haematology Lab Revision SGD BI11.19 Outline the basic principles involved in the functioning of instruments commonly used in a biochemistry laboratory and their applications	expression.	AN48.2 Describe & demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important male & female pelvic viscera AN48.5 Explain the anatomical basis of suprapubic cystostomy, Urinary obstruction in benign prostatic hypertrophy, Retroverted uterus, Prolapse uterus, Internal and external haemorrhoids, Anal fistula, Vasectomy, Tubal pregnancy & Tubal ligation AN48.7 Mention the lobes involved in benign prostatic hypertrophy & prostatic cancer	Early Clinical Exposure PY 10.4, 10.7,10.11 Topic : Cerebellar disorders Deptt of Physiology Visit to Neurology Deptt. HI- Anatomy VI- General Medicine	
09-07-2020	Thu	Haematology Lab Revision Feedback on Formative assessment SGD BI11.19 Outline the basic principles involved in the functioning of instruments	L PY9.7 Describe and discuss the effects of removal of gonads on physiological functions PY9.11 Discuss the hormonal changes and their effects during perimenopause and menopause	L Male reproductive organs - II AN48.2 Describe & demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important male & female pelvic viscera AN48.5 Explain the anatomical basis of suprapubic cystostomy, Urinary obstruction in benign prostatic hypertrophy, Retroverted uterus, Prolapse uterus, Internal and external haemorrhoids, Anal fistula, Vasectomy, Tubal pregnancy & Tubal ligation	SGD AN48.2 Demo of prostate, seminal vesicle and ejacultory duct	

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		commonly used in a biochemistry laboratory and their applications				
10-07-2020	Fri	SGD(9:30-10:30) Semen analysis L PY9.3 Describe male reproductive system: functions of testis and control of spermatogenesis & factors modifying it and outline its association with psychiatric illness(10:30-11:30)	L BI7.4 Describe applications of molecular technologies like recombinant DNA technology, PCR in the diagnosis and treatment of diseases with genetic basis.	L Embryology - Male reproductive organs -I AN52.8 Describe the development of male & female reproductive system	small group discussion AN52.8	
11-07-2020	Sat	Haematology Lab Revision(Batch A) / Tutorial (Batch B)	L PY9.6 Enumerate the contraceptive methods for male and female. Discuss their advantages & disadvantages	L Embryology - Male reproductive organs - II AN52.8 Describe the development of male & female reproductive system	Formative Assesment	
13-07-2020	Mon	**Formative assessment Written (General & Nerve muscle Physiology)**	L CM 5.7 Describe food hygiene CM 5.8 Describe and discuss the importance and methods of food fortification and effects of additives and adulteration	L Histology - Male reproductive organs 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	DOAP AN52.2 Histology slides-Male reproductive system	sports and extra curricular activities
			L PY9.9 Interpret a normal semen analysis report including (a) sperm count,(b) sperm morphology and (c)	L Rectum	Feedback on Formative	

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Shimla

14-07-2020	Tue	FA WRITTEN ASSESSMENT	sperm motility, as per WHO guidelines and discuss the results PY9.12 Discuss the common causes of infertility in a couple and role of IVF in managing a case of infertility	AN48.2 Describe & demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important male & female pelvic viscera AN48.8 Mention the structures palpable during vaginal & rectal examination	assessment DOAP AN52.2 Histology slides- Male reproductive system	
15-07-2020	Wed	Small group discussion (Haematology Practicals) and Feedback on Formative assessment Feedback on Formative assessment BI11.16DNA isolation from blood/ tissue	L BI7.4 Describe applications of molecular technologies like recombinant DNAtechnology, PCR in the diagnosis and treatment of diseases with genetic basis	L Anal Canal AN48.2 Describe & demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important male & female pelvic viscera AN48.5 Explain the anatomical basis of suprapubic cystostomy, Urinary obstruction in benign prostatic hypertrophy, Retroverted uterus, Prolapse uterus, Internal and external haemorrhoids, Anal fistula, Vasectomy, Tubal pregnancy & Tubal ligation AN49.5 Explain the anatomical basis of Perineal tear, Episiotomy, Perianal abscess and Anal fissure	Biochemistry Early Clinical Exposure BI 10.3, 10.4- Severe Combined Immuno defeciency hospital and lab visit	
16-07-2020	Thu	Small group discussion (Haematology Practicals) and Feedback on Formative assessment DOAP BI11.16DNA isolation from blood/ tissue	SDL CM 5.7	L Pelvic Wall - I AN48.3 Describe & demonstrate the origin, course, important relations and branches of internal iliac artery	AN48.2 Demo of sagittal section of	

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Shimla

17-07-2020	Fri	Formative assessment Written (Blood Physiology)	L BI7.4 Describe applications of molecular technologies like recombinant DNA technology, PCR in the diagnosis and treatment of diseases with genetic basis.	L Pelvic Wall - II AN48.4 Describe the branches of sacral plexus	DOAP AN48.3 Dissection & Demo of brnches of internal iliac artery	
18-07-2020	Sat	Formative assessment - viva voce (CVS Physiology)	feedback on Formative Assessment	L Vertebral Column - I AN50.1 Describe the curvatures of the vertebral column AN50.3 Describe lumbar puncture (site, direction of the needle, structures piercedduring the lumbar puncture)	Self Directed Learning AN50.4 Ex	
20-07-2020	Mon	Formative assessment- Viva voce (ANS & General CNS Physiology)	SDL CM 5.8	L Vertebral Column - II AN50.2 Describe & demonstrate the type, articular ends, ligaments and movements of Intervertebral joints, Sacroiliac joints & Pubic symphysis	DOAP AN50.1 Demonstration of lumbar vertebrae	sports and extra curricular activities
21-07-2020	Tue	FA WRITTEN ASSESSMENT	Formative Assessment - Written (GIT)	FA WRITTEN ASSESMENT	SKILL ASSESMENT	
22-07-2020	Wed	Feedback on Formative Assessment and Small group discussion (Amphibian Practicals) Feedback on Formative assessment SGD BI11.17 Explain the basis and rationale of biochemical tests done in the following conditionsjaundice, - liver diseases, pancreatitis, disorders of acid- base balance, - thyroid disorders	L BI9.1 List the functions and components of the extracellular matrix (ECM) BI9.2 Discuss the involvement of ECM components in health and disease	L Chromosomes - I AN73.1 Describe the structure of chromosomes with classification AN73.2 Describe technique of karyotyping with its applications AN73.3 Describe the Lyon's hypothesis L Chromosomes - II	Early Clinical Exposure - Anatomy AN 50.3 Basic science co-relation With Pediatrics to demonstrate lumbar puncture on AV aids clinical visist	

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		Feedback on Formative Assessment and Small group discussion (Amphibian Practicals)		AN73.1 Describe the structure of chromosomes with classification AN73.2 Describe technique of karyotyping with its applications		
23-07-2020	Thu	SGD BI11.17 Explain the basis and rationale of biochemical tests done in the following conditionsjaundice, - liver diseases, pancreatitis, disorders of acid- base balance, - thyroid disorders	SDL CM 5.6	AN73.3 Describe the Lyon's hypothesis	Feedback on Formative assessmen	
24-07-2020	Fri	**Formative assessment - Written (Sensory CNS & Special senses Physiology)**	L BI9.1 List the functions and components of the extracellular matrix (ECM) BI9.2 Discuss the involvement of ECM components in health and disease	L Patterns of Inheritance - I AN74.1 Describe the various modes of inheritance with examples AN74.2 Draw pedigree charts for the various types of inheritance & give examples of diseases of each mode of inheritance AN74.3 Describe multifactorial inheritance with examples AN74.4 Describe the genetic basis & clinical features of Achondroplasia, Cystic Fibrosis, Vitamin D resistant rickets, Haemophilia, Duchene's muscular dystrophy & Sickle cell anaemia	Small group discussion AN74.1	
25-07-2020	Sat	**Formative assessment - Viva Voce** (Motor CNS & Higher functions	**Feedback on previous Formative assessment**	L Patterns of Inheritance - II AN74.1 Describe the various modes of inheritance with examples AN74.2 Draw pedigree charts for the various types of inheritance & give examples of diseases of each mode of inheritance	Small group discussion AN74.1	

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	Physiology)		AN74.3 Describe multifactorial inheritance with examples AN74.4 Describe the genetic basis & clinical features of Achondroplasia, Cystic Fibrosis, Vitamin D resistant rickets, Haemophilia, Duchene's muscular dystrophy & Sickle cell anaemia		
27-07-2020	Formative assessment - Written (Respiration & Renal Physiology)	SDL CM 5.5	Principle of Genetics, Chromosomal Aberrations & Clinical Genetics - I AN75.1 Describe the structural and numerical chromosomal aberrations AN75.4 Describe genetic basis of variation: polymorphism and mutation AN75.5 Describe the principles of genetic counselling	Self Directed Learning AN75.2 E	sports and extra curricular activities
28-07-2020	FA WRITTEN ASSESSMENT	Formative assessment - Written (Endocrine & Reproductive Physiology)	L Principle of Genetics, Chromosomal Aberrations & Clinical Genetics - II AN75.1 Describe the structural and numerical chromosomal aberrations AN75.2 Explain the terms mosaics and chimeras with example AN75.3 Describe the genetic basis & clinical features of Prader Willi syndrome, Edward syndrome & Patau syndrome AN75.4 Describe genetic basis of variation: polymorphism and mutation AN75.5 Describe the principles of genetic counselling	AETCOM Module 1.5 ANATOMY Cadaveric as our first teacher Closing AN 82.1 Demonstrate respect and follow the correct procedure when handling cadavers and other biologic tissue	
29-07-2020					
Wed	Revision Practical/Tutorial Small group discussion (Clinical Pysiology Practicals)	L BI9.3 Describe protein targeting & sorting along with its associated disorders.	Formative Assessment		

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30-07-2020	Thu	Small group discussion (Clinical Physiology Practicals) Revision Practical/Tutorial	Feedback on Formative Assessment		Formative Assessment	Early Clinical Exposure - Anatomy AN 22.3 ECE Anatomy Basic science co-relation With cardiology to discuss angiography and coronary artery disease cases on AV aids Clinical visit	
01-08-2020	Sat	VACATIONS					
03-08-2020	Mon	VACATIONS					
04-08-2020	Tue	VACATIONS					
05-08-2020	Wed	VACATIONS					
06-08-2020	Thu	VACATIONS					
07-08-2020	Fri	VACATIONS					
08-08-2020	Sat	Revision tutorials	Revision tutorials	Revision tutorials	Revision tutorials	Revision tutorials	
10-08-2020	Mon	Revision tutorials	Revision tutorials	Formative assssment Written Test (Environment & Health) (Nutrition & Health)	Revision tutorials	Revision tutorials	sports and extra curricular activities
		Revision tutorials	Revision tutorials		Revision tutorials	Revision tutorials	
12-08-2020	Wed	Feedback on Formative assessment Revision tutorials	Revision tut	BI9.3 Describe protein targeting & sorting along with its associated disorders.	Revision tutorials	Revision tutorials	
13-08-2020	Thu	Revision tutorials	Revision tutorials		Revision tutorials	Revision tutorials	

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[illegible]	[illegible]	Revision tutorials	Revision tut	Feedback on FA	Revision tutorials	Revision tutorials	
14-08-2020	Fri	Revision tutorials	Revision tutorials	revision	Revision tutorials	Revision tutorials	
17-08-2020	Mon	SEND UP THEORY					
18-08-2020	Tue	SEND UP THEORY					
19-08-2020	Wed	SEND UP THEORY					
20-08-2020	Thu	SEND UP THEORY					
21-08-2020	Fri	SEND UP THEORY					
22-08-2020	Sat	SEND UP THEORY					
24-08-2020	Mon	SEND UP PRACTICAL					
25-08-2020	Tue	SEND UP PRACTICAL					
26-08-2020	Wed	SEND UP PRACTICAL					
27-08-2020	Thu						
28-08-2020	Fri						
31-08-2020	Mon						

Subject	Lecture Hours	Small Group Teaching / Tutorial/ Integrated learning / Practical (Hours)	Self-Directed Learning (Hours)	Total (Hours)		
Anatomy	229	420	26	675		
Physiology	156	311	28	495		
Biochemistry	80	150	20	250		
Comm. Medicine	20	27	5	52		
Aetcom				34		
ECE				93		
Sports / ECA				60		

Assessment / Term Exam				90		

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Abbreviations used

L	Lecture
DOAP Demo	Demonstrate, Observe, Assist & Perform
DEMO	Demonstration
SGD	Small group discussion
SDL	Self directed learning
VI	Vertical Integration
HI	Horizontal Integration
AIT	Aligned Integration
FA	Formative Assessment

COLOUR CODING

ANATOMY
PHYSIOLOGY
BIOCHEMISTRY
Community Medicine
AETCOM
ECE
SPORTS & EXTRACURRICULAR
VACATIONS
CASE LINKER
TERM EXAMINATION

N.B: (1) Four sessions of morning sessions on Tuesday from 9.30 am to 11.30 am (8 Hours)will be utilized to provide for three sessions of ECE in the subject of Biochemistry
(2) FA and Term Examination 26 Hours in total; 18 hours have been provided for Term Examin

LINKER CASE - 1 TOPIC-MI
LINKER CASE - 2 TOPIC-JAUNDICE

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