

Al-Ameen Medical College, Vijayapur, (Bijapur) Karnataka

Time Table for 1st MBBS 2019-20 Batch as per Competency Based Undergraduate Curriculum by MCI and RGUHS, Bangalore

IST QUARTER

Month	Anatomy	Physiology	Biochemistry
September 2019	General anatomy Upperlimb	General physiology Blood	General biochemistry Hemoglobin chemistry Immunity
October 2019	Upperlimb Thorax	Blood Cardiovascular system	Enzymes
November 2019	Thorax Lower limb	CVS RS	Genetics
IIND QUARTER	1st Internal assessment		
December 2019	Lower limb Abdomen	RS GIT	Genetics Carbohydrate metabolism
January 2020	Lower limb Abdomen	GIT	Carbohydrate metabolism
February 2020	Abdomen Head and neck	CNS Nerve muscle physiology	Protein metabolism
IIIRD QUARTER	2nd Internal assessment exam		
March	Abdomen Head and neck	CNS Nerve muscle physiology	Lipid metabolism
April	Head and neck	Special sense Endocrine	Mineral metabolism
May	Neuroanatomy Genetics	Special sense Endocrine	Mineral metabolism
June	Neuroanatomy Genetics	Renal Reproductive	Nucleotide metabolism Fluid ABG
July	Preliminary Examinations		
IVTH QUARTER	3rd internal assessment exam		
August	University exams		

Al-Ameen Medical College, Vijayapur, (Bijapur) Karnataka

Time Table for 1st MBBS 2019-20 Batch as per Competency Based Undergraduate Curriculum by MCI and RGUHS, Bangalore

Date / Day	9-10 Lecture	10-11 Lecture	11-01 Small Group Teaching/Tutorials/Integrated Learning /Practical (Hours)	01-03 Lunch	03-05 Small Group Teaching/Tutorials/Integrated Learning /Practical (Hours)
1-9 Sun			Holiday		
2-9 Mon			General Holiday		
3-9 Tue	Introduction to physiology (Blood) PY2.1 Describe the composition and functions of blood components	Introduction To Anatomy Demonstrate normal anatomical position, various planes, relation, comparison, laterality & movement in our body	Dissection		B -Introduction to Osteology A –Introduction to physiology
4-9 Wed	PY2.2 Discuss the origin, forms, variations and functions of plasma Proteins	AN1.1 Anatomical Planes, Movements &Terminologies	Dissection		A- Microscope B –Introduction to physiology
5-9 Thu	Introduction to biochemistry BI1.1 Describe the molecular and functional organization of a cell and its subcellular components.	General features of bones AN2.1 Describe parts, blood and nerve supply of a long bone AN2.2 Enumerate laws of ossification AN2.3 Enumerate special features of a sesamoid bone AN2.4 Describe various types of cartilage with its structure & distribution in body	Dissection		B-Microscope A-Introduction to hematology
6-9 Fri	Joints AN2.5 Describe various joints with subtypes and examples AN2.6 Explain the concept of nerve supply of joints & Hilton's law	Introduction to biochemistry BI1.1 Describe the molecular and functional organization of a cell and its subcellular components.	A BATCH PY2.1 BLOOD B.BATCH – B 11.1 Lab.Apparatus.		(General physiology)PY1.1 Describe the structure and functions of a mammalian cell + theory on Community Medicine – CM1.1 Define & describe the concept of Public health
7-9 Sat	. BI9.1 List the functions and components of the extracellular matrix (ECM).	PY2.3 Describe and discuss the synthesis and functions of Haemoglobin and explain its breakdown. Describe variants of haemoglobin	B BATCH -PY2.1 BLOOD A-BATCH- B11.1Lab Apparatus		PY1.2 Describe and discuss the principles of homeostasis

8-9 Sun			Sunday Holiday		
9-9 Mon	<p>Topic: General features of Muscle AN3.1 Classify muscle tissue according to structure & action AN3.2 Enumerate parts of skeletal muscle and differentiate between tendons and aponeuroses with examples AN3.3 Explain Shunt and spurt muscles</p>	PY1.3 Describe intercellular communication	Dissection		<p>A BATCH -Clavicle AN8.1 Identify the given bone, its side, important features & keep it in anatomical position AN8.2 Identify & describe joints formed by the given bone AN8.4 Demonstrate important muscle attachment on the given bone B batch-hematology - PY2.11 Estimate Hb</p>
10-9 Tue			General Holiday		
11-9 Wed	<p>Linker : Anemia (Physiology) PY2.5 Describe different types of anaemias</p>	<p>Topic: General features of skin and fascia AN4.1 Describe different types of skin & dermatomes in body AN4.2 Describe structure & function of skin with its appendages AN4.3 Describe superficial fascia along with fat distribution in body AN4.4 Describe modifications of deep fascia with its functions AN4.5 Explain principles of skin incisions</p>	Dissection		<p>A-Artifacts B – PY2.11 estimate RBC,</p>
12-9 Thu	BI9.2 Discuss the involvement of ECM components in health and disease.	<p>Topic: General features of the cardiovascular system 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 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</p>	Dissection		<p>A-Artifacts B- PY2.11 Estimate RBC,</p>
13-9 Fri	<p>Topic: General Features of lymphatic system AN6.1 List the components and functions of the lymphatic system AN6.2 Describe</p>	BI9.3 Describe protein targeting & sorting along with its associated disorders.	A-PY 1.1 - 1.3 General physiology		<p>PY2.4 Describe RBC formation (erythropoiesis & its regulation) and its Functions PY1.4 Describe apoptosis – programmed</p>

	structure of lymph capillaries & mechanism of lymph circulation AN6.3 Explain the concept of lymphoedema and spread of tumors via lymphatics and venous system		Biochem-ECE on Jaundice B.BATCH – B11.1 Lab.Apparatus		cell death + theory on Community Medicine CM1.2 Define Health & describe the concept of Holistic health
14-9 Sat	I6.12 Describe the major types of haemoglobin and its derivatives found in the body and their physiological/ pathological relevance.	PY2.5 Describe Jaundice and its types	B -PY 1.1 - 1.3General physiology Biochem-ECE on Jaundice A-BATCH- B11.1Lab Apparatus		PY1.5 Describe and discuss transport mechanisms across cell membranes
15-9 Sun			Sunday Holiday		
Date / Day	9-10 Lecture	10-11 Lecture	11-01 Small Group Teaching/Tutorials/Integrated Learning /Practical (Hours)	01-03 Lunch	03-05 Small Group Teaching/Tutorials/Integrated Learning /Practical (Hours)
16-9 Mon	Topic: Introduction to the nervous system 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 AN7.5 Describe principles of sensory and motor innervation of muscles 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	PY1.6 Describe the fluid compartments of the body, its ionic composition & measurements	Dissection		A-Scapula AN8.1 Identify the given bone, its side, important features & keep it in anatomical position AN8.2 Identify & describe joints formed by the given bone AN8.4 Demonstrate important muscle attachment on the given bone B - PY2.11 Estimate TLC

17-9 Tue	PY2.6 Describe WBC formation (granulopoiesis) and its regulation	Topic: Pectoral region AN9.1 Describe attachment, nerve supply & action of pectoralis major and pectoralis minor	Dissection		B-Scapula AN8.1 Identify the given bone, its side, important features & keep it in anatomical position AN8.2 Identify & describe joints formed by the given bone AN8.4 Demonstrate important muscle attachment on the given bone A- PY2.11 Estimate TLC
18-9 Wed	PY2.7 Describe the formation of platelets, functions and variations.	Topic: Introduction to embryology AN76.1 Describe the stages of human life AN76.2 Explain the terms- phylogeny, ontogeny, trimester, viability	Dissection		A-Epithelial Tissue B - PY2.11 RBC indices
19-9 Thu	BI10.1 Describe the cancer initiation, promotion oncogenes & oncogene activation. Also focus on p53 & apoptosis	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	Dissection		B-Epithelial Tissue A- PY2.11 RBC indices
20-9 Fri	Topic: Axilla, Shoulder and Scapular region 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	BI10.2 Describe various biochemical tumor markers and the biochemical basis of cancer therapy. K	A BATCH –PY ECE - Jaundice 2.1-2.6 BLOOD B BATCH –B11.2 Buffer, Est. pH		PY1.7 Describe the concept of pH & Buffer systems in the body + theory on Community Medicine CM 1.2 – Describe the determinacy of Health
21-9 Sat	BI10.3 Describe the cellular and humoral components of the immune system & describe the types and structure of antibody	PY2.8 Describe the physiological basis of hemostasis	B BATCH –PY ECE - Jaundice 2.1-2.6 BLOOD A BATCH-B11.2 Buffer, Est. pH		SDL – Biochemistry BI11.6 Describe the principles of Colorimetry
22-9 Sun			Sunday Holiday		
23-9 Mon	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 Klumpke's paralysis	PY1.8 Describe and discuss the molecular basis of resting membrane potential and action potential in excitable tissue	Dissection		A-Humerus AN8.1 Identify the given bone, its side, important features & keep it in anatomical position AN8.2 Identify & describe joints formed by the given bone AN8.4 Demonstrate important muscle attachment on the given bone

24-9 Tue	PY2.8 Explain anticoagulants. Describe bleeding & clotting disorders (Hemophilia, purpura)	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 AN10.8 Describe, identify and demonstrate the position, attachment, nerve supply and actions of trapezius and latissimus dorsi AN10.9 Describe the arterial anastomosis around the scapula and mention the boundaries of triangle of auscultation	Dissection		B- PY2.11 DLC, B-Humerus AN8.1 Identify the given bone, its side, important features & keep it in anatomical position AN8.2 Identify & describe joints formed by the given bone AN8.4 Demonstrate important muscle attachment on the given bone A- PY2.11 DLC,
25-9 Wed	PY2.9 Describe different blood groups and discuss the clinical importance of blood grouping, blood banking and transfusion	AN11.6 Describe the anastomosis around the elbow joint AN77.1 Describe the uterine changes occurring during the menstrual cycle AN77.2 Describe the synchrony between the ovarian and menstrual cycles AN77.3 Describe spermatogenesis and oogenesis along with diagrams AN77.4 Describe the stages and consequences of fertilisation AN77.5 Enumerate and describe the anatomical principles underlying contraception AN77.6 Describe teratogenic influences; fertility and sterility, surrogate motherhood, social significance of "sex-ratio"	Dissection		A-Connective Tissue B- PY2.11 DLC,
26-9 Thu	BI10.4 Describe & discuss innate and adaptive immune responses, self/non-self recognition and the central role of T-helper cells in immune responses.	AN10.10 Describe and identify the deltoid and rotator cuff muscles AN10.11 Describe & demonstrate attachment of serratus anterior with its action AN10.13 Explain anatomical basis of Injury to axillary nerve during intramuscular Injections	Dissection/ Early Clinical Exposure (ECE)		B-Connective Tissue A- PY2.11 DLC,
27-9 Fri	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	BI10.5 Describe antigens and concepts involved in vaccine development	A BATCH – SDL 1.3-1.8 GEN PHYSIOLOGY B BATCH- B11.12.Estimation of bilirubin		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 + theory on Community Medicine CM 1.3- Describe the characteristics of Agent, Host & environmental factors in health.
28-9 Sat	.	HOLIDAY	Mahalaya Amavasa		
29-9 Sun			Sunday Holiday		

30-9 Mon	Topic: Arm & Cubital fossa 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 AN11.3 Describe the anatomical basis of Venepuncture of cubital veins 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	PY2.10 Define and classify different types of immunity.	SDL – TRIANGULAR AND QUADRANGULAR SPACES		A-Radius & Ulna AN8.1 Identify the given bone, its side, important features & keep it in anatomical position AN8.2 Identify & describe joints formed by the given bone AN8.4 Demonstrate important muscle attachment on the given bone B- PY2.11 DLC,
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Date / Day	9-10 Lecture	10-11 Lecture	11-01 Small Group Teaching/Tutorials/Integrated Learning /Practical (Hours)	01-03 Lunch	03-05 Small Group Teaching/Tutorials/Integrated Learning /Practical (Hours)
1-10 Tue	PY2.10 Define and classify different types of immunity. Describe the development of immunity and its regulation	Topic: Forearm & hand 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	Dissection		Radius & Ulna AN8.1 Identify the given bone, its side, important features & keep it in anatomical position AN8.2 Identify & describe joints formed by the given bone AN8.4 Demonstrate important muscle attachment on the given bone A1 PY2.11 DLC A2 PY5.12 Examine pulse
2-10 Wed			Gandhi Jayanthi		
3-10 Thu	BI2.1 Explain fundamental concepts of enzyme, isoenzyme, alloenzyme, coenzyme & co-factors. Enumerate the main	AN12.3 Identify & describe flexor retinaculum with its attachments AN12.4 Explain anatomical basis of carpal tunnel syndrome	SDL Elbow Joint		Lymphoid Tissue –Histology A2 PY2.11 DLC A1 PY5.12 Examine pulse

	classes of IUBMB nomenclature.				
4-10 Fri	AN12.5 Identify & describe small muscles of hand. Also describe movements of thumb and muscles involved AN12.6 Describe & demonstrate movements of thumb and muscles involved	BI2.1 Explain fundamental concepts of enzyme, isoenzyme, alloenzyme, coenzyme & co-factors. Enumerate the main classes of IUBMB nomenclature. K K	A PHY Blood ECE Biochem- Liver Diseases B-BI11.13 Demonstrate the estimation of SGOT/SGPT		PY5.1 Describe the functional anatomy of heart including chambers, + theory on Community Medicine CM 1.3- Describe the characteristics of Agent, Host & environmental factors in disease and the multifactorial etiology of diseases
5-10 Sat	BI2.3 Describe and explain the basic principles of enzyme activity	PY5.1 Heart sounds	ECE Biochem- Liver Diseases A-BI11.13 Demonstrate the estimation of SGOT/SGPT B-PHY Blood		PY2.10 Define and classify different types of immunity. Describe the development of immunity and its regulation PY5.1 Describe and Pacemaker tissue and conducting system
6-10 Sun					
7-10 Mon			Ayudha Pooja		
8-10 Tue			Vijayadasami		
9-10 Wed	PY5.2 Describe the electrical properties of cardiac muscle	Topic: Second week of development 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 AN78.4 Describe the formation of extra-embryonic mesoderm and coelom, bilaminar disc and prochordal plate AN78.5 Describe in brief abortion; decidual reaction, pregnancy test	Dissection		Histology of artery & vein B2- PY2.11 DLC B1 - PY5.12 Examine pulse
10-10	BI2.4 Describe and discuss enzyme inhibitors as	AN12.7 Identify & describe course and branches of	Dissection		Histology of artery & vein

Thu	poisons and drugs and as therapeutic enzymes	important blood vessels and nerves in hand AN12.8 Describe anatomical basis of Claw hand			A2- PY2.11 DLC A1 - PY5.12 Examine pulse
11-10 Fri	AN 12.9 Identify fibrous flexor sheaths, ulnar bursa, radial bursa and digital synovial sheaths AN 12.10 Explain infection of fascial spaces of palm.	BI2.4 Describe and discuss enzyme inhibitors as poisons and drugs and as therapeutic enzymes	A batch-PY 5.1 CVS B-batch-B11.14 ALP		PY5.2 Describe mechanical properties of cardiac muscle and metabolic functions + theory on Community Medicine CM 1.4 – Describe and discuss the natural history of disease.
12-10 Sat	BI2.5 Describe and discuss the clinical utility of various serum enzymes as markers of pathological conditions. K	PY5.3 Discuss the events occurring during the cardiac cycle (1)	B batch -PY 5.1 CVS A batch-B11.14 ALP		PY5.3 Discuss the events occurring during the cardiac cycle(2)
13-10 Sun			Sunday Holiday		
14-10 Mon	AN12.11 Identify, describe and demonstrate important muscle groups of dorsal forearm with attachments, nerve supply and actions 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	PY5.4 Describe generation, conduction of cardiac impulse		Dissection	Carpal Bones – AN8.1 Identify the given bone, its side, important features & keep it in anatomical position AN8.2 Identify & describe joints formed by the given bone AN8.4 Demonstrate important muscle attachment on the given bone B1- PY2.11 Blood group B2-PY5.12 Record blood pressure
15-10 Tue	PY6.1 Describe the functional anatomy of respiratory tract	AN12.14 Identify & describe compartments deep to extensor retinaculum AN12.15 Identify & describe extensor expansion formation		Dissection	Carpal Bones – AN8.1 Identify the given bone, its side, important features & keep it in anatomical position AN8.2 Identify & describe joints formed by the given bone AN8.4 Demonstrate important muscle attachment on the given bone A1- PY2.11 Blood group A2-PY5.12 Record blood pressure

16-10 Wed	PY5.5 Describe the physiology of electrocardiogram (E.C.G),	Toic: 3rd to 8th week of development AN79.1 Describe the formation & fate of the primitive streak AN79.2 Describe formation & fate of notochord AN79.3 Describe the process of neurulation AN79.4 Describe the development of somites and intra-embryonic coelom AN79.5 Explain embryological basis of congenital malformations, nucleus pulposus, sacrococcygeal teratomas, neural tube defect AN79.6 Describe the diagnosis of pregnancy in first trimester and role of teratogens, alpha-fetoprotein	Dissection	Histology of Nerve & Ganglion B2- PY2.11 Blood group B1 -PY5.12 Record blood pressure
17-10 Thu	BI2.5 Describe and discuss the clinical utility of various serum enzymes as markers of pathological conditions. K	AN13.4 Describe Sternoclavicular joint, Acromioclavicular joint, Carpometacarpal joints & Metacarpophalangeal joint	Dissection	Histology of Nerve & Ganglion A2- PY2.11 Blood group A1 -PY5.12 Record blood pressure
18-10 Fri	Topic: Thoracic cage introduction AN21.3 Describe & demonstrate the boundaries of thoracic inlet, cavity and outlet	BI2.6 Discuss use of enzymes in laboratory investigations (Enzyme-based assays)	A batch -PY5.3 to 5.5 CVS Bbatch B11.7Est Creatinine.	PY6.2 Describe the mechanics of normal respiration + theory on Community Medicine CM 1.5 – Describe the application of Intervention at prevention.
19-10 Sat	BI2.7 Interpret laboratory results of enzyme activities & describe the clinical utility of various enzymes as markers of pathological conditions. K	PY5.5 electrocardiogram (E.C.G), its applications and the cardiac axis	B batch -PY5.3 to 5.5 CVS Abatch B11.7 Est of creatinine.	B11.16 Paper Chromatography.
20-10 Sun			Sunday Holiday	
21-10 Mon	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 AN21.6 Mention origin, course	PY5.6 Describe abnormal ECG, arrhythmias, heart block and myocardial Infarction	Dissection	Surface Marking & Radiology of Upper limb /ECE B1 -PY 2.11BT & CT B2 - PY5.12 Record blood pressure &

	and branches/ tributaries of:1) anterior & posterior intercostal vessels2) internal thoracic vessel				at rest and in different grades of exercise and postures in a volunteer or simulated environment
22-10 Tue	PY6.2 Describe pressure changes during ventilation	AN21.7 Mention the origin, course, relations and branches of1) atypical intercostal nerve 2) superior intercostal artery, subcostal artery	Dissection		Surface Marking & Radiology of Upper limb/ECE A1 -PY 2.11BT & CT A2 - PY5.12 Record blood pressure & at rest and in different grades of exercise and postures in a volunteer or simulated environment
23-10 Wed	PY5.7 Describe and discuss haemodynamics of circulatory system(1)	Topic: Fetal membranes AN80.1 Describe formation, functions & fate of-chorion: amnion; yolk sac; allantois & deciduas AN80.2 Describe formation & structure of umbilical cord AN80.3 Describe formation of placenta, its physiological functions, foetomaternal circulation & placental barrier	Dissection		Histology of Muscle B2 -PY 2.11BT & CT B1 - PY5.12 Record blood pressure & at rest and in different grades of exercise and postures in a volunteer or simulated environment
24-10 Thu	BI2.2 Observe the estimation of SGOT & SGPT	AN21.8 Describe & demonstrate type, articular surfaces & movements ofmanubriosternal, costovertebral, costotransverse and xiphisternal jointsKAN21.9 Describe & demonstrate mechanics and types ofrespirationAN21.10 Describe costochondral and interchondral jointsAN21.11 Mention boundaries and contents of the superior, anterior, middle andposterior mediastinum	SDL Venous Drainage of Heart		Histology of Muscle A2 -PY 2.11BT & CT A1 - PY5.12 Record blood pressure & at rest and in different grades of exercise and postures in a volunteer or simulated environment
25-10 Fri	Topic: Heart & Pericardium AN22.1 Describe & demonstrate subdivisions, sinuses in pericardium, blood supply and nerve supply of pericardium	BI6.6 Describe the biochemical processes involved in generation of energy in cells.	ECE Hypertension A batch PY 5.6 to 5.11 Bbatch 11.2 Buffer &pH		PY6.2 Describe lung volume and capacities + theory on Community Medicine CM 1.6 – Describe & discuss the principals of health education
26-10 Sat	BI6.6 Describe the biochemical processes involved in generation of energy in cells.	PY5.7 Describe and discuss haemodynamics of circulatory system(2)	ECE Hypertension B batch PY 5.6 to 5.11 Abatch-B11.2 Buffer &pH		SDL – Biochemical changes in acute MI B11.16 Protein Electrophoresis.

27-10 Sun		Sunday Holiday	Sunday Holiday		
28-10 Mon	Sunday Holiday	PY5.8 Describe and discuss local cardiovascular regulatory Mechanisms		Dissection	<p>Sternum & Ribs</p> <p>AN8.1 Identify the given bone, its side, important features & keep it in anatomical position AN8.2 Identify & describe joints formed by the given bone AN8.4 Demonstrate important muscle attachment on the given bone</p> <p>B1 PY2.12 Describe test for ESR, Osmotic fragility, Hematocrit. Note the findings and interpret the test results etc</p> <p>B2 - PY5.13 Record and interpret normal ECG in a volunteer or simulated environment</p>
29-10 Tue				Dipawali	
30-10 Wed	PY5.8 Describe and discuss systemic cardiovascular regulatory mechanisms	AN80.4 Describe embryological basis of twinning in monozygotic & dizygotic twins AN80.5 Describe role of placental hormones in uterine growth & parturition AN80.6 Explain embryological basis of estimation of fetal age. AN80.7 Describe various types of umbilical cord attachments		Dissection	<p>Histology of GIT Tongue & Esophagus</p> <p>B2 PY2.12 Describe test for ESR, Osmotic fragility, Hematocrit. Note the findings and interpret the test results etc</p> <p>B1 - PY5.13 Record and interpret normal ECG in a volunteer or simulated Environment</p>
31-10 Thu	BI6.6 Describe the biochemical processes involved in generation of energy in cell.	AN22.3 Describe & demonstrate origin, course and branches of coronary arteries AN22.4 Describe anatomical basis of ischaemic heart disease AN22.5 Describe & demonstrate the formation, course, tributaries and termination of coronary sinus AN22.6 Describe the fibrous skeleton of heart AN22.7 Mention the parts, position and arterial supply of the		Dissection	<p>Histology of GIT Tongue & Esophagus</p> <p>A2 PY2.12 Describe test for ESR, Osmotic fragility, Hematocrit. Note the findings and interpret the test results etc</p>

		conducting system of heart			A1 - PY5.13 Record and interpret normal ECG in a volunteer or simulated environment
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Date / Day	9-10 Lecture	10-11 Lecture	11-01 Small group teaching/tutorials/integrated learning /practical (hours)	01-03 Lunch	03-05 Small group teaching/tutorials/integrated learning /practical (hours)
1-11 Fri	Holi Day	Holi Day	Kannada Rajyothsava		
2-11 Sat	BI7.1 Describe the structure and functions of DNA and RNA and outline the cell cycle.	BI7.1 Describe the structure and functions of DNA and RNA and outline the cell cycle.	CVS		PY5.8 Describe and discuss systemic cardiovascular regulatory mechanisms
3-11 Sun			Sunday Holiday		
4-11 Mon	Topic: Mediastinum AN23.1 Describe & demonstrate the external appearance, relations, blood supply, nerve supply, lymphatic drainage and applied anatomy of oesophagus AN23.2 Describe & demonstrate the extent, relations tributaries of thoracic duct and enumerate its applied anatomy	PY5.9 Describe the factors affecting AND regulation blood pressure	Dissection		Vertebras Thoracic AN8.1 Identify the given bone, its side, important features & keep it in anatomical position AN8.2 Identify & describe joints formed by the given bone AN8.4 Demonstrate important muscle attachment on the given bone B1-PY2.13 Describe steps for reticulocyte and platelet count B2- PY5.15 Demonstrate the correct clinical examination of the cardiovascular system in a normal volunteer or

					simulated environment
5-11 Tue	PY6.2 Describe the surfactant and , alveolar surface Tension	AN23.3 Describe & demonstrate origin, course, relations, tributaries and termination of superior venacava, azygos, hemiazygos and accessory hemiazygos veins supply of trachea	Dissection		Vertebras Thoracic AN8.1 Identify the given bone, its side, important features & keep it in anatomical position AN8.2 Identify & describe joints formed by the given bone AN8.4 Demonstrate important muscle attachment on the given bone A1-PY2.13 Describe steps for reticulocyte and platelet count A2- PY5.15 Demonstrate the correct clinical examination of the cardiovascular system in a normal volunteer or simulated environment
6-11 Wed	PY5.10 Describe & discuss regional circulation including microcirculation, lymphatic circulation	Topic: Prenatal Diagnosis AN81.1 Describe various methods of prenatal diagnosis AN81.2 Describe indications, process and disadvantages of amniocentesis	Dissection		Histology of Stomach B2-PY2.13 Describe steps for reticulocyte and platelet count B1- PY5.15 Demonstrate the correct clinical examination of the cardiovascular system in a normal volunteer or simulated environment
7-11 Thu	BI7.1 Describe the structure and functions of DNA and RNA and outline the cell cycle.	AN24.5 Mention the blood supply, lymphatic drainage and nerve supply of lungs AN24.6 Describe the extent, length, relations, blood supply, lymphatic drainage and nerve supply of trachea	SDL-AN24.3 Describe a bronchopulmonary segment AN24.4 Identify phrenic nerve & describe its formation & distribution		Histology of Stomach A2-PY2.13 Describe steps for reticulocyte and platelet count A1- PY5.15 Demonstrate the correct clinical examination of the cardiovascular system in a normal volunteer or simulated environment
8-11 Fri	AN24.5 Mention the blood supply, lymphatic drainage and nerve supply of lungs AN24.6 Describe the extent, length, relations, blood supply, lymphatic drainage and nerve supply of trachea	BI7.2 Describe the processes involved in replication & repair of DNA and the transcription & translation mechanisms.	ECE on Protein Urea A batch – PY 5 to 5.10 CVS Bbatch-B 11.3 Normal Urine		PY6.2 Describe the compliance + theory on Community Medicine CM 1.7 – Enumerate and describe the health indicators

9-11 Sat	BI7.2 Describe the processes involved in replication & repair of DNA and the transcription & translation mechanisms.	Py 6.2 vp ratio diffusion capacity of lungs	ECE on Protein Urea B batch – PY 5 to 5.10 CVS A batch 11.3 Normal Urine.		PY5.10 Describe & discuss capillary, skin, foetal circulation
10-11 Sun			Sunday Holiday		
11-11 Mon	AN23.4 Mention the extent, branches and relations of arch of aorta & descending thoracic aorta	PY5.11 Describe the patho-physiology of shock, syncope and heart failure	Dissection		Surface Marking & Radiology of Thorax B1 –PY 2.11 to 2.13 B2 – PY5.12 to 5.15
12-11 Tue	PY6.2 Describe the airway resistance, ventilation	AN23.5 Identify & Mention the location and extent of thoracic sympathetic chain AN23.6 Describe the splanchnic nerves	Dissection		Surface Marking & Radiology of Thorax A1 –PY 2.11 to 2.13 A2 – PY5.12 to 5.15
13-11 Wed	PY5.10 Describe & discuss pulmonary and splanchnic circulation	AN81.3 Describe indications, process and disadvantages of chorion villus biopsy	Dissection		Histology of Small Intestine B2 –PY 2.11 to 2.13 B1 – PY5.12 to 5.15
14-11 Thu	BI7.2 Describe the processes involved in replication & repair of DNA and the transcription & translation mechanisms.	AN23.7 Mention the extent, relations and applied anatomy of lymphatic duct	Dissection/ECE		Histology of Small Intestine A2 –PY 2.11 to 2.13 A1 – PY5.12 to 5.15
15-11 Fri			Kanakdas Jayanthi		
16-11 Sat	. BI7.4 Describe applications of molecular technologies like recombinant DNA technology, PCR in the diagnosis and treatment of diseases with genetic basis	PY6.2 Describe the airway resistance and ventilation	SDL- CVS		BI7.4 Describe applications of molecular technologies like recombinant DNA technology, PCR in the diagnosis and treatment of diseases with genetic

17-11 Sun			Sunday Holiday		
18-11 Mon	18-30 November Ist Term Exam	18-30 November Ist Term Exam	18-30 November Ist Term Exam		18-30 November Ist Term Exam
19-11 Tue	18-30 November Ist Term Exam	18-30 November Ist Term Exam	18-30 November Ist Term Exam		18-30 November Ist Term Exam
20-11 Wed	18-30 November Ist Term Exam	18-30 November Ist Term Exam	18-30 November Ist Term Exam		18-30 November Ist Term Exam
21-11 Thu	18-30 November Ist Term Exam	18-30 November Ist Term Exam	18-30 November Ist Term Exam		18-30 November Ist Term Exam
22-11 Fri	18-30 November Ist Term Exam	18-30 November Ist Term Exam	18-30 November Ist Term Exam		18-30 November Ist Term Exam
23-11 Sat	18-30 November Ist Term Exam	18-30 November Ist Term Exam	18-30 November Ist Term Exam		18-30 November Ist Term Exam
24-11 Sun			Sunday Holiday		
25-11 Mon	18-30 November Ist Term Exam	18-30 November Ist Term Exam	18-30 November Ist Term Exam		18-30 November Ist Term Exam
26-11 Tue	18-30 November Ist Term Exam	18-30 November Ist Term Exam	18-30 November Ist Term Exam		18-30 November Ist Term Exam
27-11 Wed	18-30 November Ist Term Exam	18-30 November Ist Term Exam	18-30 November Ist Term Exam		18-30 November Ist Term Exam
28-11 Thu	18-30 November Ist Term Exam	18-30 November Ist Term Exam	18-30 November Ist Term Exam		18-30 November Ist Term Exam
29-11 Fri	18-30 November Ist Term Exam	18-30 November Ist Term Exam	18-30 November Ist Term Exam		18-30 November Ist Term Exam
30-11 Sat	18-30 November Ist Term Exam	18-30 November Ist Term Exam	18-30 November Ist Term Exam		18-30 November Ist Term Exam

DATE DAY	9-10 LECTURE	10-11 LECTURE	11-01 Small Group Teaching/Tutorials/Integrated Learning / Practical (Hours)	01-03 Lunch	03-05 Small Group Teaching/Tutorials/ Integrated Learning /Practical (Hours)
1-12 Sun			Sunday Holiday		
2-12 Mon	<p>Topic: Front & Medial side of thigh</p> <p>AN15.1 Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of anterior thigh</p>	PY4.1 Describe the structure and functions of digestive system	Dissection		<p>A Batch Features of individual bones (Lower Limb)</p> <p>AN14.1 Identify the given bone, its side, important features & keep it in anatomical Position AN14.2 Identify & describe joints formed by the given bone AN14.3 Describe the importance of ossification of lower end of femur & upper end of tibia AN14.4 Identify and name various bones in the articulated foot with individual muscle attachment</p> <p>B1-human -PY6.8 Demonstrate the correct technique to perform & interpret Spirometry</p> <p>B2-PY6.9 Demonstrate the correct clinical examination of the respiratory system in a normal volunteer or simulated environment</p>
3-12 Tue	PY6.2 Describe V/P ratio, diffusion capacity of lungs	AN15.2 Describe and demonstrate major muscles with their attachment, nerve supply and actions	Dissection		<p>B Batch Features of individual bones (Lower Limb)</p> <p>AN14.1 Identify the given bone, its side, important features & keep it in anatomical Position AN14.2 Identify & describe joints formed by the given bone AN14.3 Describe the importance of ossification of lower end of femur & upper end of tibia AN14.4 Identify and name various bones in the articulated foot with individual muscle attachment</p> <p>A1-human -PY6.8 Demonstrate the correct technique to perform & interpret Spirometry</p> <p>A2-PY6.9 Demonstrate the correct clinical examination of the respiratory</p>

					system in a normal volunteer or simulated environment
4-12 Wed	PY4.2 Describe the composition, mechanism of secretion, functions, and regulation of saliva,	AN20.10 Describe basic concept of development of lower limb		Dissection	A Batch Histology of Large Intestine & Appendix B2-human -PY6.8 Demonstrate the correct technique to perform & interpret Spirometry B1-PY6.9 Demonstrate the correct clinical examination of the respiratory system in a normal volunteer or simulated environment
5-12 Thu	BI7.4 Describe applications of molecular technologies like recombinant DNA technology, PCR in the diagnosis and treatment of diseases with genetic basis.	AN15.3 Describe and demonstrate boundaries, floor, roof and contents of femoral Triangle AN15.4 Explain anatomical basis of Psoas abscess & Femoral hernia		Dissection	B Batch Histology of Large Intestine & Appendix A2-human -PY6.8 Demonstrate the correct technique to perform & interpret Spirometry A1-PY6.9 Demonstrate the correct clinical examination of the respiratory system in a normal volunteer or simulated environment
6-12 Fri	AN15.5 Describe and demonstrate adductor canal with its content	BI6.2 Describe and discuss the metabolic processes in which nucleotides are involved.	EC – ASCTIS GIT B-batch –ECE -Gout		PY4.2 Describe the composition, mechanism of secretion, functions, and regulation of gastric secretion CM 3. 1 - Describe the health hazards of Air, Water, Noise, Radiation & population
7-12 Sat	BI6.3 Describe the common disorders associated with nucleotide metabolism.	PY6.3 Describe and discuss the transport of respiratory gases: Oxygen	EC-ASCITIS GIT A-batch-EC-Gout		SDL PY6.3 Describe and discuss the transport of Carbon dioxide
8-12 Sun			Sunday Holiday		
9-12 Mon	Topic: Gluteal region & back of thigh AN16.1 Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of gluteal region AN16.2 Describe anatomical	PY4.2 Describe the composition, mechanism of secretion, functions, and regulation of pancreatic secretion		Dissection	A Batch Tibia & Patella AN8.1 Identify the given bone, its side, important features & keep it in anatomical position AN8.2 Identify & describe joints

	basis of sciatic nerve injury during gluteal intramuscular injections AN16.3 Explain the anatomical basis of Trendelenburg sign				formed by the given bone AN8.4 Demonstrate important muscle attachment on the given bone B1 Human --PY6.10 Demonstrate the correct technique to perform measurement of peak expiratory flow rate in a normal volunteer or simulated environment B2 Clinical --PY4.10 Demonstrate the correct clinical examination of the abdomen in a normal volunteer or simulated environment
10-12 Tue	PY6.4 Describe and discuss the physiology of high altitude and deep sea Diving	AN16.4 Describe and demonstrate the hamstrings group of muscles with their attachment, nerve supply and actions		Dissection	B Batch Tibia & Patella AN8.1 Identify the given bone, its side, important features & keep it in anatomical position AN8.2 Identify & describe joints formed by the given bone AN8.4 Demonstrate important muscle attachment on the given bone A1 Human --PY6.10 Demonstrate the correct technique to perform measurement of peak expiratory flow rate in a normal volunteer or simulated environment A2 Clinical --PY4.10 Demonstrate the correct clinical examination of the abdomen in a normal volunteer or simulated environment
11-12 Wed	PY4.2 Describe the composition, mechanism of secretion, functions, and regulation of intestinal juices	AN52.4 Describe the development of anterior abdominal wall		Dissection	A Batch Histology of Liver Pancrease & Gall Bladder B2 Human --PY6.10 Demonstrate the correct technique to perform measurement of peak expiratory flow rate in a normal volunteer or simulated environment B1 Clinical --PY4.10 Demonstrate the correct clinical examination of the abdomen

					in a normal volunteer or simulated environment
12-12 Thu	. BI6.4 Discuss the laboratory results of analytes associated with gout & Lesch Nyhan syndrome.	AN16.5 Describe and demonstrate the origin, course, relations, branches (or tributaries), termination of important nerves and vessels on the back of thigh		Dissection	B Batch Histology of Liver Pancrease & Gall Bladder A2 Human --PY6.10 Demonstrate the correct technique to perform measurement of peak expiratory flow rate in a normal volunteer or simulated environment A1 Clinical --PY4.10 Demonstrate the correct clinical examination of the abdomen in a normal volunteer or simulated environment
13-12 Fri	AN16.6 Describe and demonstrate the boundaries, roof, floor, contents and relations of popliteal fossa	BI7.6 Describe the anti-oxidant defence systems in the body.	Tutorial A –RS B-Batch-B11.4 Urine Analysis Nomal Constitutents.		PY4.2 Describe the composition, mechanism of secretion, functions, and regulation of bile secretion CM 5.1 – Describe the common sources of various nutrients and requirements according to Age, gender, activity, & physical conditions
14-12 Sat	BI7.7 Describe the role of oxidative stress in the pathogenesis of conditions andr, complications of diabetes mellitus and atherosclerosis	PY6.5 Describe and discuss the principles of artificial respiration, oxygen therapy, acclimatization and decompression sickness.	Tutorial B-RS A-Batch-Urine Analysis,Normal Constituents.		SDL PY6.6 Describe and discuss the pathophysiology of dyspnoea, hypoxia, cyanosis asphyxia; drowning, periodic breathing
15-12 Sun			Sunday Holiday		
16-12 Mon	Topic: Hip Joint 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 jointAN17.2 Describe anatomical basis of complications of fracture neck of femur AN17.3 Describe dislocation of hip joint and surgical hip replacement	PY4.3 Describe GIT movements, regulation and functions. -1		Dissection	A Batch Fibula & Tarsal Bones AN14.1 Identify the given bone, its side, important features & keep it in anatomical Position AN14.2 Identify & describe joints formed by the given bone AN14.3 Describe the importance of ossification of lower end of femur & upper end of tibia AN14.4 Identify and name various bones in the articulated foot with individual muscle attachment

					B1-HUMAN-PY3.14 Perform Ergography B2-CLINICAL -PY10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions in normal volunteer or simulated environment
17-12 Tue	PY6.7 Describe and discuss lung function tests & their clinical significance	Topic: Knee joint, Anterolateral compartment of leg & dorsum of foot AN18.1 Describe and demonstrate major muscles of anterolateral compartment of leg with their attachment, nerve supply and actions	Dissection		B Batch Fibula & Tarsal Bones AN14.1 Identify the given bone, its side, important features & keep it in anatomical Position AN14.2 Identify & describe joints formed by the given bone AN14.3 Describe the importance of ossification of lower end of femur & upper end of tibia AN14.4 Identify and name various bones in the articulated foot with individual muscle attachment A1-HUMAN-PY3.14 Perform Ergography A2-CLINICAL -PY10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions in normal volunteer or simulated environment
18-12 Wed	PY4.3 Describe GIT movements, regulation and functions. -2	AN52.5 Describe the development and congenital anomalies of Diaphragm	Dissection		A Batch Histology of Trachea & Lung B2-HUMAN-PY3.14 Perform Ergography B1 -CLINICAL -PY10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions in normal volunteer or simulated environment
19-12 Thu	BI3.1 Discuss and differentiate monosaccharides, di-saccharides and polysaccharides giving examples of main carbohydrates as energy fuel, structural element and storage in the human body	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	Dissection/ ECE		B Batch Histology of Trachea & Lung A2-HUMAN-PY3.14 Perform Ergography A1-CLINICAL -PY10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions in normal volunteer or simulated environment
20-12 Fri	AN18.4 Describe and demonstrate the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve	BI3.1 Discuss and differentiate monosaccharides, di-saccharides and polysaccharides giving examples of main carbohydrates as energy fuel, structural element and storage in the human	A -GIT B-Batch-B11.4-Urine Analysis-Determine		PY4.3 Describe GIT movements, regulation and functions.- Describe defecation reflex. Explain role of dietary

	supply, bursae around the knee joint AN18.5 Explain the anatomical basis of locking and unlocking of the knee joint AN18.6 Describe knee joint injuries with its applied anatomy AN18.7 Explain anatomical basis of Osteoarthritis	body	Abnormal Constituents		fibre. 3 CM 6.2 – Describe & discuss the application of Elementary statistical methods.
21-12 Sat	BI3.1 Discuss and differentiate monosaccharides, di-saccharides and polysaccharides giving examples of main carbohydrates as energy fuel, structural element and storage in the human body	PY3.1 Describe the structure and functions of a neuron and neuroglia; Discuss Nerve Growth Factor & other growth factors/cytokines	B –GIT A-Batch-11.4 Urine Analysis Abnormal Constituents.		BI11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory including: -Autoanalyser
22-12 Sun			Sunday Holiday		
23-12 Mon	Topic: Back of Leg & Sole 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	PY4.4 Describe the physiology of digestion and absorption of nutrients.1	Dissection		A Batch AN20.6 Identify the bones and joints of lower limb seen in anteroposterior and lateral view radiographs of various regions of lower limb AN20.7 Identify & demonstrate important bony landmarks of lower limb: -Vertebral levels of highest point of iliac crest, posterior superior iliac spines, iliac tubercle, pubic tubercle, ischial tuberosity, adductor tubercle, -Tibial tuberosity, head of fibula, -Medial and lateral malleoli, Condyles of femur and tibia, sustentaculum tali, tuberosity of fifth metatarsal, tuberosity of the navicular ECE B1 -human - PY3.15 Demonstrate effect of mild, moderate and severe exercise and record changes in cardiorespiratory parameters B2 -clinical -PY10.11 Demonstrate the correct clinical examination of the nervous system: sensory system.
24-12 Tue		AN19.2 Describe and demonstrate the origin, course, relations, branches (or tributaries), termination of important nerves and vessels of back of leg	Dissection		B Batch AN20.6 Identify the bones and joints of lower limb seen in anteroposterior and lateral view radiographs of various regions of lower limb AN20.7 Identify & demonstrate important bony landmarks of lower limb: -Vertebral levels of highest point of iliac crest, posterior superior iliac spines,

				iliac tubercle, pubic tubercle, ischial tuberosity, adductor tubercle,-Tibial tuberosity, head of fibula,-Medial and lateral malleoli, Condyles of femur and tibia, sustentaculum tali, tuberosity of fifth metatarsal, tuberosity of the navicular ECE A1 -human - PY3.15 Demonstrate effect of mild, moderate and severe exercise and record changes in cardiorespiratory parameters A2 -clinical -PY10.11 Demonstrate the correct clinical examination of the nervous system: sensory system.
25-12 Wed			Christmas	
26-12 Thu	BI3.2 Describe the processes involved in digestion and assimilation of carbohydrates and storage.	AN19.5 Describe factors maintaining importance arches of the foot with its importance AN19.6 Explain the anatomical basis of Flat foot & Club foot AN19.7 Explain the anatomical basis of Metatarsalgia & Plantar fasciitis	Dissection	B Batch Histology of Kidney, Ureter & Urinary Bladder A2 -human - PY3.15 Demonstrate effect of mild, moderate and severe exercise and record changes in cardiorespiratory parameters A1 -clinical -PY10.11 Demonstrate the correct clinical examination of the nervous system: sensory system.
27-12 Fri	Topic: General Features, Joints, radiographs & surface marking 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 AN20.2 Describe the subtalar and transverse tarsal joints	BI3.2 Describe the processes involved in digestion and assimilation of carbohydrates and storage.	A –CNS B –Batch Physiology ECE- Diabetes Mellitus	PY4.5 Describe the source of GIT hormones, their regulation and functions CM 11.1 – Enumerate & describe the presenting features of various occupational illnesses.
28-12 Sat	BI3.3 Describe and discuss the digestion and assimilation of carbohydrates from food.	PY3.2 Describe the types, functions & properties of nerve fibers	B –CNS A-Batch Physiology ECE-Diabetes	SDL-B11.23 –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

			Mellitus		
29-12 Sun			Sunday Holiday		
30-12 Mon	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	PY4.6 Describe the Gut-Brain Axis	SDL AN20.5 Explain anatomical basis of varicose veins and deep vein thrombosis		<p>A Batch AN20.8 Identify & demonstrate palpation of femoral, popliteal, post tibial, anti tibial & dorsalis pedis blood vessels in a simulated environment AN20.9 Identify & demonstrate Palpation of vessels (femoral, popliteal, dorsalis pedis, post tibial), Mid inguinal point, Surface projection of: femoral nerve, Saphenous opening, Sciatic, tibial, common peroneal & deep peroneal nerve, Great and small saphenous veins ECE</p> <p>B1- Human PY3.16 Demonstrate Harvard Step test and describe the impact on induced physiologic parameters in a simulated environment</p> <p>B2- Clinical PY10.11 Demonstrate the correct clinical examination of the nervous System reflexes in a normal volunteer or simulated environment</p>
31-12 Tue	PY3.3 Describe the degeneration and regeneration in peripheral nerves	<p>Topic: Anterior abdominal wall AN44.1 Describe & demonstrate the Planes (transpyloric, transtuberular, subcostal, lateral vertical, linea alba, linea semilunaris), regions & Quadrants of abdomen AN44.2 Describe & identify the Fascia, nerves & blood vessels of anterior abdominal wall</p>	Dissection / ECE		<p>B Batch AN20.8 Identify & demonstrate palpation of femoral, popliteal, post tibial, anti tibial & dorsalis pedis blood vessels in a simulated environment AN20.9 Identify & demonstrate Palpation of vessels (femoral, popliteal, dorsalis pedis, post tibial), Mid inguinal point, Surface projection of: femoral nerve, Saphenous opening, Sciatic, tibial, common peroneal & deep peroneal nerve, Great and small saphenous veins ECE</p> <p>A1- Human PY3.16 Demonstrate Harvard Step test and describe the impact on induced physiologic parameters in a simulated environment</p>

					A2- Clinical PY10.11 Demonstrate the correct clinical examination of the nervous System reflexes in a normal volunteer or simulated environment
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DATE DAY	9-10 LECTURE	10-11 LECTURE	11-01 Small Group Teaching/Tutorials/Integrated Learning /PracticalHours	01-03 Lunch	03-05 Small Group teaching /Tutorials/ Integrated Learning /Practical (Hours)
1-1 Wed	PY4.7 Describe & discuss the structure and functions of liver and gall bladder	AN52.6 Describe the development and congenital anomalies of: Foregut, Midgut & Hindgut		Dissection	A Batch Histology of Testis, Epididymis Vas deferens & Prostate penis B2- Human PY3.16 Demonstrate Harvard Step test and describe the impact on induced physiologic parameters in a simulated environment B1- Clinical PY10.11 Demonstrate the correct clinical examination of the nervous System reflexes in a normal volunteer or simulated environment
2-1 Thu	BI3.4 Define the pathways of carbohydrate metabolism,(glycolysis)	AN44.3 Describe the formation of rectus sheath and its contents		Dissection/ ECE	B Batch Histology of Testis, Epididymis Vas deferens, Prostate & penis A2- Human PY3.16 Demonstrate Harvard Step test and describe the impact on induced physiologic parameters in a simulated environment A1- Clinical PY10.11 Demonstrate the correct clinical examination of the nervous System reflexes in a normal volunteer or simulated environment
3-1 Fri	AN44.4 Describe & demonstrate extent, boundaries, contents of Inguinal canal including Hesselbach's triangle.	BI3.4 Define the pathways of carbohydrate metabolism,(glycolysis),	A – Biochemistry ECE-myesthenia gravis		PY4.8 Describe & discuss gastric function tests, pancreatic exocrine function tests & liver function tests-1 CM – 12.1 – Define & describe the concept

	AN44.5 Explain the anatomical basis of inguinal hernia		B-Batch –BI11.12 Demonstrate the estimation of serum bilirubin		of geriatric services
4-1 Sat	BI3.4 Define the pathways of gluconeogenesis	PY3.4 Describe the structure of neuro-muscular junction and transmission of impulses	B – Biochemistry ECE-myesthesia gravis A-Batch-BI11.12 Demonstrate the estimation of serum bilirubin		SDL PY3.5 Discuss the action of neuro-muscular blocking agents PY3.6 Describe the pathophysiology of Myasthenia gravis
5-1 Sun			Sunday Holiday		
6-1 Mon	AN44.6 Describe & demonstrate attachments of muscles of anterior abdominal wall AN44.7 Enumerate common Abdominal incisions	PY4.8 Describe & discuss gastric function tests, pancreatic exocrine function tests & liver function tests—2	SDL AN44.5 Explain the anatomical basis of inguinal hernia		A Batch AN53.1 Identify & hold the bone in the anatomical position, Describe the salient features, articulations & demonstrate the attachments of muscle groups B 1-human PY3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments B2 –clinical - PY10.11 Demonstrate the correct clinical examination of the nervous cranial nerves in a normal volunteer or simulated environment
7-1 Tue	PY3.7 Describe the different types of muscle fibres and their structure	Topic: Posterior abdominal wall AN45.1 Describe Thoracolumbar fascia AN45.2 Describe & demonstrate Lumbar plexus for its root value, formation & Branches AN45.3 Mention the major subgroups of back muscles, nerve supply and action	Dissection		B Batch AN53.1 Identify & hold the bone in the anatomical position, Describe the salient features, articulations & demonstrate the attachments of muscle groups A1-human PY3.18 Observe with Computer assisted learning (i) amphibian nerve -

				muscle experiments (ii) amphibian cardiac experiments A2 –clinical - PY10.11 Demonstrate the correct clinical examination of the nervous cranial nerves in a normal volunteer or simulated environment
8-1 Wed	PY4.9 Discuss the physiology aspects of: peptic ulcer, gastrooesophageal reflux disease, vomiting, diarrhoea, constipation, Adynamic ileus, Hirschsprung's disease-1	AN52.7 Describe the development of Urinary system	Dissection	A Batch Histology of Ovary Fallopian, Tube, Uterus Mammary Gland & Placenta B 2-human PY3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments B1 –clinical - PY10.11 Demonstrate the correct clinical examination of the nervous cranial nerves in a normal volunteer or simulated environment
9-1 Thu	BI3.4 Define the pathways gluconeogenesis	Topic: Male external genitalia 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	Dissection	B Batch Histology of Ovary Fallopian, Tube, Uterus, Placenta Cervix & Umbilical cord A2-human PY3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments A1 –clinical - PY10.11 Demonstrate the correct clinical examination of the nervous cranial nerves in a normal volunteer or simulated environment
10-1 Fri	AN46.3 Describe Penis under following headings: (parts, components, blood supply and lymphatic drainage AN46.4 Explain the anatomical basis of Varicocele AN46.5 Explain the anatomical basis of Phimosis & Circumcision	BI3.4 Define the pathways of glycogen metabolism.	A-Batch-GIT B –Batch BI11.21 Demonstrate estimation of glucose, in serum.	PY4.9 Discuss the physiology aspects of: peptic ulcer, gastrooesophageal reflux disease, vomiting, diarrhoea, constipation, Adynamic ileus, Hirschsprung's disease—2 CM 13.1 – Define & describe the concept of disastrous management

11-1 Sat	BI3.4 Define the pathways of glycogen metabolism.	PY3.8 Describe action potential and its properties in different muscle types (skeletal & smooth)	B batch-GIT A-Batch BI11.21 Demonstrate estimation of glucose, in serum.		SDL PY3.9 Describe the molecular basis of muscle contraction in skeletal and in smooth muscles
12-1 Sun			Sunday Holiday		
13-1 Mon	Topic: Abdominal cavity AN47.1 Describe & identify boundaries and recesses of Lesser & Greater sac AN47.2 Name & identify various peritoneal folds & pouches with its explanation AN47.3 Explain anatomical basis of Ascites & Peritonitis AN47.4 Explain anatomical basis of Subphrenic abscess	PY10.1 Describe and discuss the organization of nervous system	Dissection / ECE		A Batch AN53.2 Demonstrate the anatomical position of bony pelvis & show boundaries of pelvic inlet, pelvic cavity, pelvic outlet B1 human – PY10.20 Demonstrate (i) Testing of visual acuity and colour vision in volunteer/ simulated environment B2 clinical -- PY10.11 Demonstrate the correct clinical examination of the nervous cranial nerves in a normal volunteer or simulated environment
14-1 Tue			Makar Sankranti		
15-1 Wed	PY10.2 Describe and discuss the functions and properties of synapse	AN52.8 Describe the development of male reproductive system	Dissection		A Batch AN52.3 Describe & identify the microanatomical features of Cardiooesophageal junction, Corpus luteum B2 human – PY10.20 Demonstrate (i) Testing of visual acuity and colour vision in volunteer/ simulated environment B1 clinical -- PY10.11 Demonstrate the correct clinical examination of the nervous cranial nerves in a normal volunteer or simulated environment
16-1 Thu	BI3.4 Define the pathway of ,(HMP shunt).	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	Dissection		B Batch AN52.3 Describe & identify the microanatomical features of Cardiooesophageal junction, Corpus luteum

		aspects)			A2 human – PY10.20 Demonstrate (i) Testing of visual acuity and colour vision in volunteer/ simulated environment A1 clinical -- PY10.11 Demonstrate the correct clinical examination of the nervous cranial nerves in a normal volunteer or simulated environment
17-1 Fri	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	BI3.4 Define the pathway, of(HMP shunt).	A –Physiology ECE HEMIPLEGIA CNS B-Batch – Biochemistry ECE –Obesity		PY10.2 Describe and discuss the functions and properties of Reflex CM 14.1 – Define & classify hospital waste CM 15.1 – Define & describe the concept of mental health
18-1 Sat	BI3.5 Describe and discuss the regulation, functions and integration of carbohydrate along with associated diseases/disorders.	PY3.10 Describe the mode of muscle contraction (isometric and isotonic	B Physiology EC E– HEMIPLEGIA CNS A-Batch – Biochemistry ECE - Obesity		BI11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory including: ••DNA isolation from blood/ tissue
19-1 Sun			Sunday Holiday		
20-1 Mon	AN47.8 Describe & identify the formation, course relations and tributaries of Portal vein, Inferior vena cava & Renal vein	PY10.2 Describe and discuss the functions and properties of receptors	SDL AN47.10 Enumerate the sites of portosystemic anastomosis AN47.11 Explain the anatomic basis of hematemesis& caput medusae in portal hypertension		A Batch AN53.3 Define true pelvis and false pelvis and demonstrate sex determination in male & female bony pelvis B1 –HUMAN -PY10.20 Demonstrate (i) Testing of field of vision in volunteer/ simulated environment B2-CLINICAL- PY10.11 Demonstrate the correct clinical examination of the nervous cranial nerves in a normal volunteer or simulated environment
21-1 Tue	PY3.11 Explain energy source and muscle metabolism	AN47.9 Describe & identify the origin, course, important relations and branches of Abdominal aorta, Coeliac trunk,	Dissection		B Batch AN53.3 Define true pelvis and false pelvis and demonstrate sex determination in

	PY3.12 Explain the gradation of muscular activity	Superior mesenteric, Inferior mesenteric & Common iliac artery			male & female bony pelvis A1 –HUMAN -PY10.20 Demonstrate (i) Testing of field of vision in volunteer/ simulated environment A2-CLINICAL- PY10.11 Demonstrate the correct clinical examination of the nervous cranial nerves in a normal volunteer or simulated environment
22-1 Wed	PY10.3 Describe and discuss somatic sensations & sensory tracts-1	AN52.8 Describe the development of female reproductive system	Dissection		A Batch Histology of Endocrines B2 –HUMAN -PY10.20 Demonstrate (i) Testing of field of vision in volunteer/ simulated environment B1-CLINICAL- PY10.11 Demonstrate the correct clinical examination of the nervous cranial nerves in a normal volunteer or simulated environment
23-1 Thu	BI3.5 Describe and discuss the regulation, functions and integration of carbohydrate along with associated diseases/disorders.	AN47.12 Describe important nerve plexuses of posterior abdominal wall 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	Dissection		B Batch Histology of Endocrines A2 –HUMAN -PY10.20 Demonstrate (i) Testing of field of vision in volunteer/ simulated environment A1-CLINICAL- PY10.11 Demonstrate the correct clinical examination of the nervous cranial nerves in a normal volunteer or simulated environment
24-1 Fri	Topic: Pelvic wall and viscera AN48.1 Describe & identify the muscles of Pelvic diaphragm AN48N48.	BI3.6 Describe and discuss the concept of TCA cycle as a amphibolic pathway and its regulation.	A batch –CNS B-Batch-B 11.7Ser.Creatinine Estimation		PY10.3 Describe and discuss somatic sensations & sensory tracts-2 CM 16.1 – Define & describe the concept of health planning
25-1 Sat	BI3.6 Describe and discuss the concept of TCA cycle as a amphibolic pathway and its regulation.	PY3.13 Describe muscular dystrophy: myopathies	B batch – CNS A-Batch-B11.7 Sr.Creatinine Estimation		SDL -BI11.19 Outline the basic principles involved in the functioning of instruments commonly used in a biochemistry laboratory and their applications.
26-1			Sunday Holiday/		

Sun			Republic Holiday	
27-1 Mon	.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 visceraA	LINKER – HEMIPLEGIA CASE PY10.4 Describe and discuss motor tracts.	Dissection	A Batch 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) B1 Human - PY11.14 Demonstrate Basic Life Support in a simulated environment B2 – Clinical - PY10.11 Demonstrate the correct clinical examination of the nervous cranial nerves in a normal volunteer or simulated environment
28-1 Tue	PY10.7 Describe and discuss functions of cerebral cortex	AN 48.3 Describe & demonstrate the origin, course, important relations and branches of internal iliac artery	Dissection	B Batch 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) A1 Human - PY11.14 Demonstrate Basic Life Support in a simulated environment A2 – Clinical - PY10.11 Demonstrate the correct clinical examination of the nervous cranial nerves in a normal volunteer or simulated environment
29-1 Wed	PY10.4 Describe , mechanism of maintenance of tone, control of body movements	AN48.4 Describe the branches of sacral plexus	Dissection	A Batch Histology of Skin B2 Human - PY11.14 Demonstrate Basic Life Support in a simulated environment B1 – Clinical - PY10.11 Demonstrate the correct clinical examination of the nervous cranial nerves in a normal volunteer or simulated environment
30-1 Thu	BI3.7 Describe the common poisons that inhibit crucial enzymes of carbohydrate metabolism (eg; fluoride, arsenate)	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,	Dissection	B Batch Histology of Skin A2 Human - PY11.14 Demonstrate Basic Life Support in a simulated environment

		Tubal pregnancy & Tubal ligation			A1– Clinical - PY10.11 Demonstrate the correct clinical examination of the nervous cranial nerves in a normal volunteer or simulated environment
31-1 Fri	AN48.6 Describe the neurological basis of Automatic bladder AN48.7 Mention the lobes involved in benign prostatic hypertrophy & prostatic cancer AN48.8 Mention the structures palpable during vaginal & rectal examination	BI3.8 Discuss and interpret laboratory results of analytes associated with metabolism of carbohydrates.	A Batch – N M B-Batch- A-Batch-BI11.22 Calculate creatinine clearance		PY10.4 Describe and discuss vestibular apparatus CM 16.1 – Define & describe the concept of health planning

DATE DAY	9-10 LECTURE	10-11 LECTURE	11-01 Small Group Teaching /Tutorials /Integrated Learning /Practical (Hours)	01-03 Lunch	03-05 Small Group Teaching/ Tutorials/ Integrated Learning /Practical (Hours)
1-2 Sat	BI3.8 Discuss and interpret laboratory results of analytes associated with metabolism of carbohydrates.	PY10.7 Describe and discuss functions of basal ganglia,	B Batch – N M A-Batch-BI11.22 Calculate creatinine clearance		SDL PY10.7 Describe and discuss functions of basal ganglia -2
2-2 Sun			Sunday Holiday		
3-2 Mon	Topic: Perineum 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 AN49.5 Explain the anatomical basis of Perineal tear, Episiotomy, Perianal abscess and Anal fissure	PY10.4 Describe and discuss posture and equilibrium.	Dissection		A Batch Topic: Radiodiagnosis 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 AN54.3 Describe role of ERCP, CT abdomen, MRI, Arteriography in radiodiagnosis of abdomen

				<p>B1 Human - PY11.14 Demonstrate Basic Life Support in a simulated environment</p> <p>B2 – Clinical - PY10.11 Demonstrate the correct clinical examination of the nervous cranial nerves in a normal volunteer or simulated environment</p>
4-2 Tue	PY10.7 Describe and discuss functions of thalamus	AN49.4 Describe & demonstrate boundaries, content & applied anatomy of Ischiorectal fossa	Dissection	<p>B Batch Topic: Radiodiagnosis</p> <p>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 AN54.3 Describe role of ERCP, CT abdomen, MRI, Arteriography in radiodiagnosis of abdomen</p> <p>A1 Human - PY11.14 Demonstrate Basic Life Support in a simulated environment</p> <p>A2 – Clinical - PY10.11 Demonstrate the correct clinical examination of the nervous cranial nerves in a normal volunteer or simulated environment</p>
5-2 Wed	PY10.5 Describe and discuss structure and functions of reticular activating system, autonomic nervous system (ANS)	AN50.2 Describe & demonstrate the type, articular ends, ligaments and movements of Intervertebral joints, Sacroiliac joints & Pubic symphysis	Dissection	<p>A Batch Histology of Cornea & Retina</p> <p>B2 Human - PY11.14 Demonstrate Basic Life Support in a simulated environment</p> <p>B1 – Clinical - PY10.11 Demonstrate the correct clinical examination of the nervous cranial nerves in a normal volunteer or simulated environment</p>
6-2 Thu	BI3.9 Discuss the mechanism and significance of blood glucose regulation in	<p>Topic: Vertebral column</p> <p>AN50.1 Describe the curvatures of the vertebral column</p>	Dissection	B Batch Histology of Cornea &

	health and disease.				<p>Retina</p> <p>A2 Human - PY11.14 Demonstrate Basic Life Support in a simulated environment</p> <p>A1 – Clinical - PY10.11 Demonstrate the correct clinical examination of the nervous cranial nerves in a normal volunteer or simulated environment</p>
7-2 Fri	<p>Topic: Sectional Anatomy</p> <p>AN51.1 Describe & identify the cross-section at the level of T8, T10 and L1 (transpyloric plane)</p>	BI3.9 Discuss the mechanism and significance of blood glucose regulation in health and disease.	<p>A Batch – Physiology</p> <p>ECE Parkinsonism</p> <p>CNS</p> <p>B-Batch-B11.8 Est</p> <p>Total Protein</p>		<p>PY10.5 Describe and discuss structure and functions autonomic nervous system (ANS)</p> <p>CM 17.1 – Define & describe the concept of health care to community</p>
8-2 Sat	BI3.10 Interpret the results of blood glucose levels and other laboratory investigations related to disorders of carbohydrate metabolism.	PY10.7 Describe and discuss functions of cerebral cortex, hypothalamus	<p>B Batch – Physiology</p> <p>ECE Parkinsonism</p> <p>CNS</p> <p>A-Batch-B11.8 Est</p> <p>Total Protein</p>		SDL PY10.7 Describe and discuss functions of cerebellum
9-2 Sun			Sunday Holiday		
10-2 Mon	AN51.2 Describe & identify the midsagittal section of male and female pelvis	PY10.6 Describe and discuss Spinal cord, its functions, lesion & sensory Disturbances	Dissection		<p>A Batch Topic: Surface marking</p> <p>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 ECE</p> <p>B1 Human – Revision</p>

					B2 Clinical – Revision
11-2 Tue	PY10.7 Describe and discuss functions of limbic system and their abnormalities	AN50.3 Describe lumbar puncture (site, direction of the needle, structures pierced during the lumbar puncture)	Dissection		B Batch Topic: Surface marking 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 ECE A1 Human – Revision A2 Clinical – Revision
12-2 Wed	PY10.6 Describe and discuss Spinal cord, its functions, lesion & sensory disturbances	AN50.4 Explain the anatomical basis of Scoliosis, Lordosis, Prolapsed disc, Spondylolisthesis & Spina bifida	Dissection		Histology of cerebrum & cerebellum B2 Human – Revision B1 Clinical – Revision
13-2 Thu	BI5.1 Describe and discuss structural organization of proteins.	AN50.4 Explain the anatomical basis of Scoliosis, Lordosis, Prolapsed disc, Spondylolisthesis & Spina bifida	Dissection		Histology of cerebrum & cerebellum A2 Human – Revision A1 Clinical – Revision
14-2 Fri	AN50.2 Describe & demonstrate the type, articular ends, ligaments and movements of Intervertebral joints, Sacroiliac joints & Pubic symphysis	BI5.2 Describe and discuss functions of proteins and structure-function relationships in relevant areas eg, hemoglobin and selected hemoglobinopathies	A Batch – Discussion B-Batch- Biochemistry-ECE- Malnutrition in Children.		PY10.6 Describe and discuss Spinal cord lesions & sensory Disturbances CM 17.2 –Describe community diagnosis
15-2 Sat	BI5.3 Describe the digestion and absorption of dietary proteins.	PY10.8 Describe and discuss behavioural and EEG characteristics during sleep and mechanism responsible for its production	B Batch – Discussion A- ECE-Biochemistry Malnutrition in Chidren..		SDL-BI8.2 Describe the types and causes of protein energy malnutrition and its effects.
16-2			Sunday Holiday		

Sun					
17-2 Mon	17-29 February 2 nd Term Exam	17-29 February 2 nd Term Exam	17-29 February 2 nd Term Exam		17-29 February 2 nd Term Exam
18-2 Tue	17-29 February 2 nd Term Exam	17-29 February 2 nd Term Exam	17-29 February 2 nd Term Exam		17-29 February 2 nd Term Exam
19-2 Wed	17-29 February 2 nd Term Exam	17-29 February 2 nd Term Exam	17-29 February 2 nd Term Exam		17-29 February 2 nd Term Exam
20-2 Thu	17-29 February 2 nd Term Exam	17-29 February 2 nd Term Exam	17-29 February 2 nd Term Exam		17-29 February 2 nd Term Exam
21-2 Fri	17-29 February 2 nd Term Exam	17-29 February 2 nd Term Exam	17-29 February 2 nd Term Exam		17-29 February 2 nd Term Exam
22-2 Sat	17-29 February 2 nd Term Exam	17-29 February 2 nd Term Exam	17-29 February 2 nd Term Exam		17-29 February 2 nd Term Exam
23-2 Sun			Sunday Holiday		
24-2 Mon	17-29 February 2 nd Term Exam	17-29 February 2 nd Term Exam	17-29 February 2 nd Term Exam		17-29 February 2 nd Term Exam
25-2 Tue	17-29 February 2 nd Term Exam	17-29 February 2 nd Term Exam	17-29 February 2 nd Term Exam		17-29 February 2 nd Term Exam
26-2 Wed	17-29 February 2 nd Term Exam	17-29 February 2 nd Term Exam	17-29 February 2 nd Term Exam		17-29 February 2 nd Term Exam
27-2 Thu	17-29 February 2 nd Term Exam	17-29 February 2 nd Term Exam	17-29 February 2 nd Term Exam		17-29 February 2 nd Term Exam
28-2 Fri	17-29 February 2 nd Term Exam	17-29 February 2 nd Term Exam	17-29 February 2 nd Term Exam		17-29 February 2 nd Term Exam
29-2 Sat	17-29 February 2 nd Term Exam	17-29 February 2 nd Term Exam	17-29 February 2 nd Term Exam		17-29 February 2 nd Term Exam

DATE DAY	9-10 LECTURE	10-11 LECTURE	11-01 Small Group Teaching/Tutorials/Integrated Learning /Practical (Hours)	01-03 Lunch	03-05 Small Group Teaching/ Tutorials/ Integrated Learning /Practical (Hours)
1-3 Sun			Sunday Holiday		
2-3 Mon	Topic: Cranial cavity AN30.3 Describe & identify dural folds &	PY10.9 Describe and discuss the physiological basis of memory, learning		Dissection / ECE	A Batch AN26.1 Demonstrate anatomical position of skull, Identify and locate individual skull bones in skull B – Clinical - PY10.11 Demonstrate the correct clinical examination of the nervous cranial nerves in a normal volunteer or simulated environment
3-3 Tue	PY10.9 Describe and discuss the physiological basis of speech	dural venous sinuses AN30.4 Describe clinical importance of dural venous sinuses		Dissection	B Batch AN26.1 Demonstrate anatomical position of skull, Identify and locate individual skull bones in skull A – Clinical - PY10.11 Demonstrate the correct clinical examination of the nervous cranial nerves in a normal volunteer or simulated environment
4-3 Wed	PY10.10 Describe and discuss chemical transmission in the nervous system. (Outline the psychiatry element)	development and developmental basis of thyroid gland		Dissection	A Batch Identify, describe and draw the microanatomy of pituitary gland, thyroid, parathyroid gland, B – Clinical - PY10.11 Demonstrate the correct clinical examination of the nervous cranial nerves in a normal volunteer or simulated environment
5-3 Thu	BI5.4 Describe common disorders associated with protein metabolism.	Topic: Orbit AN31.4 Enumerate components of lacrimal apparatus		Dissection	B Batch Identify, describe and draw the microanatomy of pituitary gland, thyroid, parathyroid gland, A – Clinical - PY10.11 Demonstrate the correct clinical examination of the nervous cranial nerves in a normal volunteer or simulated environment
6-3 Fri	AN31.1 Describe & identify extra ocular muscles of eyeball AN31.2 Describe & demonstrate nerves and vessels in the orbit AN31.3 Describe anatomical basis of Horner's syndrome AN31.5 Explain the	BI5.5 Interpret laboratory results of analytes associated with metabolism of proteins	A-Batch –CNS B-Batch-Estimation of Urea		PY10.10 Describe and discuss chemical transmission in the nervous system. CM 17.3 – Describe primary health care

	anatomical basis of oculomotor, trochlear and abducent nerve palsies along with strabismus				
7-3 Sat	BI5.5 Interpret laboratory results of analytes associated with metabolism of proteins.	PY10.13 Describe and discuss perception of taste sensation	A-Batch CNS B-Batch-Estimation of Urea		PY10.15 Describe and discuss functional anatomy of ear and auditory pathways & physiology of hearing
8-3 Sun			Sunday Holiday		
9-3 Mon	Topic: Anterior Triangle AN32.1 Describe boundaries and subdivisions of anterior triangle	PY10.15 Describe and discuss functional anatomy of ear and auditory pathways & physiology of hearing	Dissection		A Batch AN26.2 Describe the features of norma frontalis, verticalis, occipitalis, lateralis and basalis B- – Clinical - PY10.11 Demonstrate the correct clinical examination of the nervous cranial nerves in a normal volunteer or simulated environment
10-3 Tue	PY10.15 Describe and discuss auditory pathways & physiology of hearing	AN32.2 Describe & demonstrate boundaries and contents of muscular, carotid, digastric and submental triangles	Dissection		B Batch AN26.2 Describe the features of norma frontalis, verticalis, occipitalis, lateralis and basalis A – Clinical - PY10.11 Demonstrate the correct clinical examination of the nervous cranial nerves in a normal volunteer or simulated environment
11-3 Wed	PY10.15 Describe and discuss auditory pathways & physiology of hearing-2	Development Of Endocrine Glands	Dissection		A Batch Histology of Tongue Revision B- – Clinical - PY10.11 Demonstrate the correct clinical examination of the nervous cranial nerves in a normal volunteer or simulated environment
12-3 Thu	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.	Topic: Temporal and Infratemporal regions AN33.1 Describe & demonstrate extent, boundaries and contents of temporal and infratemporal fossae	Dissection		B Batch Histology of Tongue Revision A- Clinical - PY10.11 Demonstrate the correct clinical examination of the nervous cranial nerves in a normal volunteer or simulated environment
13-3 Fri	AN33.3 Describe & demonstrate articulating surface, type & movements of temporomandibular joint AN33.5 Describe the features of dislocation of temporomandibular joint	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	A-HEARING B-Batch-B11.9 Estimation of Total cholesterol & HDL		PY10.16 Describe and discuss pathophysiology of deafness. CM 17.3 – Describe the component pf PHC

		major functions.			
14-3 Sat	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.	PY10.16. Describe hearing tests	B-HEARING A-Batch-B11.9 Estimation of Total cholesterol &HDL		SDL-PY10.17 Describe and discuss functional anatomy of eye, physiology of image formation
15-3 Sun			Sunday Holiday		
16-3 Mon	Topic: Submandibular region 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	PY10.17 Describe and discuss , physiology of vision including colour vision,	Dissection		A Batch AN26.3 Describe cranial cavity, its subdivisions, foramina and structures passing through them B-Demonstrate (i) Testing hearing
17-3 Tue	PY8.1 Describe the physiology of bone and calcium metabolism -1	Topic: Deep structures in the neck AN35.1 Describe the parts, extent, attachments, modifications of deep cervical fascia	Dissection		B Batch AN26.3 Describe cranial cavity, its subdivisions, foramina and structures passing through them A-Demonstrate (i) Testing hearing
18-3 Wed	PY8.1 Describe the physiology of bone and calcium metabolism-2	Development of Eye	Dissection		A Batch Histology of salivary glands Revision B-Demonstrate (i) Testing hearing
19-3 Thu	BI4.2 Describe the processes involved in digestion and absorption of dietary lipids and also the key features of their metabolism	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	SDL AN33.2 Describe & demonstrate attachments, direction of fibres, nerve supply and actions of muscles of mastication		B Batch Histology of salivary glands Revision A Demonstrate (i) Testing hearing
20-3 Fri	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	BI4.2 Describe the processes involved in digestion and absorption of dietary lipids and also the key features of their metabolism	A-vision B-Batch ECE- Dyslipidaemias &Atherosclerosis		PY8.1 Describe the physiology of bone and calcium metabolism-3 CM 17.3- Describe the Principle of PHC

	cervical rib				
21-3 Sat	BI4.3 Explain the regulation of lipoprotein metabolism & associated disorders.	PY10.17 Describe and discuss refractive errors, colour blindness,	B-vision A-Batch ECE- Dyslipidaemias & Atherosclerosis		BI11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography
22-3 Sun			Sunday Holiday		
23-3 Mon	Topic: Mouth, Pharynx & Palate AN36.1 Describe the 1) morphology, relations, blood supply and applied anatomy of palatine tonsil 2) composition of soft palate AN36.4 Describe the anatomical basis of tonsillitis, tonsillectomy, adenoids and peri-tonsillar abscess	PY10.17 Describe and discuss physiology of pupil and light reflex	Dissection		A Batch AN26.4 Describe morphological features of mandible AN26.6 Explain the concept of bones that ossify in membrane B -PY10.20 Demonstrate Testing for smell in volunteer/ simulated environment
24-3 Tue	PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland	Pharynx AN36.2 Describe the components and functions of Waldeyer's lymphatic ring AN36.3 Describe the boundaries and clinical significance of pyriform fossa AN36.5 Describe the clinical significance of Killian's dehiscence	Dissection / ECE		B Batch AN26.4 Describe morphological features of mandible AN26.6 Explain the concept of bones that ossify in membrane A PY10.20 Demonstrate Testing for smell in volunteer/ simulated environment
25-3 Wed	PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland	Development of Nose			A Batch Histology of cornea, retina Revision B-PY10.20 Demonstrate Testing for smell in volunteer/ simulated environment
26-3 Thu	BI4.3 Explain the regulation of lipoprotein metabolism & associated disorders.	Topic: Cavity of Nose AN37.1 Describe & demonstrate features of nasal septum, lateral wall of nose, their blood supply and nerve supply	Dissection		B Batch Histology of cornea, retina A-PY10.20 Demonstrate Testing for smell in volunteer/ simulated environment Revision
27-3	AN37.2 Describe location and functional anatomy of paranasal sinuses AN37.3	BI4.3 Explain the regulation of lipoprotein metabolism & associated disorders.	B- endocrine		PY8.2 Describe the synthesis, secretion, transport, physiological

Fri	Describe anatomical basis of sinusitis & maxillary sinus tumours		A-Batch-11.10 Estimation of Triglyceride		actions, regulation and effect of altered (hypo and hyper) secretion of thyroid gland CM 17.4 – Describe the National Health Policy
28-3 Sat	BI4.4 Describe the structure and functions of lipoproteins, their functions, interrelations & relations with atherosclerosis	PY10.18 Describe and discuss the physiological basis of lesion in visual pathway	A-Endocrine B-Batch-11.10 Estimation of Triglyceride		SDL BI11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory including: •Immunodiffusion
29-3 Sun			Sunday Holiday		
30-3 Mon	Topic: Larynx AN38.1 Describe the morphology, identify structure of the wall, nerve supply, blood supply and actions of intrinsic and extrinsic muscles of the larynx	PY10.19 Describe and discuss auditory & visual evoke potentials	Dissection		A Batch AN26.5 Describe features of typical and atypical cervical vertebrae (atlas and axis) AN26.7 Describe the features of the 7 th cervical vertebra B-PY10.20 Demonstrate (i) Testing of taste sensation in volunteer/ simulated environment
31-3 Tue	PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of thyroid gland	AN38.2 Describe the anatomical aspects of laryngitis AN38.3 Describe anatomical basis of recurrent laryngeal nerve injury	Dissection		B Batch AN26.5 Describe features of typical and atypical cervical vertebrae (atlas and axis) AN26.7 Describe the features of the 7 th cervical vertebra A- PY10.20 Demonstrate (i) Testing of taste sensation in volunteer/ simulated environment

DATE DAY	9-10 LECTURE	10-11 LECTURE	11-01 Small Group Teaching/Tutorials/Integrated Learning /Practical (Hours)	01-03 Lunch	03-05 Small Group Teaching /Tutorials/Integrated Learning /Practical (Hours)
1-4 Wed	PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of thyroid gland	Development of Atrium & Inntertrial septum with Anamolies		Dissection	A Batch Histology of tonsil, epiglottis B -PY10.20 Demonstrate (i) Testing of taste sensation in volunteer/ simulated environment
2-4 Thu	BI4.4 Describe the structure and functions of lipoproteins, their functions, interrelations & relations with atherosclerosis	Topic: Organs of hearing and equilibrium AN40.1 Describe & identify the parts, blood supply and nerve supply of external ear 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 AN40.5 Explain anatomical basis of myringotomy		Dissection	B Batch Histology of tonsil, epiglottis A PY10.20 Demonstrate (i) Testing of taste sensation in volunteer/ simulated environment
3-4 Fri	Topic: Back Region AN42.2 Describe & demonstrate the boundaries and contents of Suboccipital Triangle AN42.3 Describe the position, direction of fibres, relations, nerve supply, actions of semispinalis capitis and splenius capitis	BI4.5 Interpret laboratory results of analytes associated with metabolism of Lipids	A-special sense B-Batch -BI11.11 Demonstrate estimation of calcium		PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of, parathyroid gland, adrenal gland, pancreas and hypothalamus CM 17.4 – Millennium Development Goals
4-4 Sat	BI4.6 Describe the therapeutic uses of prostaglandins and inhibitors of eicosanoid synthesis	PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of parathyroid gland	B-special sense A-Batch BI11.11 Demonstrate estimation of calcium		SDL - PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of adrenal gland,
5-4 Sun			Sunday Holiday		

6-4 Mon	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	PY9.1 Describe and discuss sex determination; sex differentiation and their abnormalities and outline psychiatry and practical implication of sex determination	Dissection	A Batch AN43.5 Demonstrate- 1) Testing of muscles of facial expression, extraocular muscles, muscles of mastication, 2) Palpation of carotid arteries, facial artery, superficial temporal artery, 3) Location of internal and external jugular veins, 4) Location of hyoid bone, thyroid cartilage and cricoids cartilage with their vertebral levels AN43.6 Demonstrate surface projection of- Thyroid gland, Parotid gland and duct, Pterion, Common carotid artery, Internal jugular vein, Subclavian vein, External jugular vein, Facial artery in the face & accessory nerve / ECE B-ECE-CUSHINGS SYNDROME
7-4 Tue	PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of adrenal gland,	AN40.3 Describe the features of internal ear	SDL Tongue	B Batch AN43.5 Demonstrate- 1) Testing of muscles of facial expression, extraocular muscles, muscles of mastication, 2) Palpation of carotid arteries, facial artery, superficial temporal artery, 3) Location of internal and external jugular veins, 4) Location of hyoid bone, thyroid cartilage and cricoids cartilage with their vertebral levels AN43.6 Demonstrate surface projection of- Thyroid gland, Parotid gland and duct, Pterion, Common carotid artery, Internal jugular vein, Subclavian vein, External jugular vein, Facial artery in the face & accessory nerve / ECE A-ECE-CUSHINGS SYNDROME

8-4 Wed	PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of adrenal gland,	Development of Ventricles & Interventricular Septum with Anamolies	Dissection	A Batch Histology of olfactory epithelium, eyelid, lip B-ECE-CUSHINGS SYNDROME
9-4 Thu	BI4.7 Interpret laboratory results of analytes associated with metabolism of lipids.	Topic: Meninges & CSF AN56.1 Describe & identify various layers of meninges with its extent & modifications AN56.2 Describe circulation of CSF with its applied anatomy	Dissection	B Batch Histology of olfactory epithelium, eyelid, lip A-ECE-CUSHINGS SYNDROME
10-4 Fri	Topic: Spinal Cord AN57.1 Identify external features of spinal cord AN57.2 Describe extent of spinal cord in child & adult with its clinical implication	BI6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency	A-endocrine B-Batch-BI11.11 Demonstrate estimation of phosphorous	PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of adrenal gland, CM 17,4 – Health planning
11-4 Sat	BI6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency	PY9.1 Describe and discuss sex determination; sex differentiation and their abnormities and outline psychiatry and practical implication of sex determination	B-endocrine A-Batch-BI11.11 Demonstrate estimation of phosphorous	SDL - PY9.2 Describe and discuss puberty: onset, progression, stages; early and delayed puberty and outline adolescent clinical and psychological association
12-4 Sun			Sunday Holiday	
13-4 Mon	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	PY9.2 Describe and discuss puberty: onset, progression, stages; early and delayed puberty and outline adolescent clinical and psychological association	SDL AN35.5 Describe and demonstrate extent, drainage & applied anatomy of cervical lymph nodes	A Batch AN43.7 Identify the anatomical structures in 1) Plain x-ray skull, 2) AP view and lateral view 3) Plain x-ray cervical spine-AP and lateral view 4) Plain xray of paranasal sinuses AN43.8 Describe the anatomical route used for carotid angiogram and vertebral Angiogram B –HEMATOLOGY revision
14-4 Tue	LINKER – DIABETES MELLITUS PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion Of pancreas	Topic: Medulla Oblongata 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	Dissection	B Batch AN43.7 Identify the anatomical structures in 1) Plain x-ray skull, 2) AP view and lateral view 3) Plain x-ray cervical spine-AP and lateral view 4) Plain xray of paranasal sinuses AN43.8

					Describe the anatomical route used for carotid angiogram and vertebral Angiogram A –HEMATOLOGY revision
15-4 Wed	PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion Of pancreas	Aortic Arches	Dissection		A Batch Histology of sclero-corneal junction, optic nerve, cochlea- organ of corti, pineal gland B –HEMATOLOGY revision
16-4 Thu	BI6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency	AN58.3 Enumerate cranial nerve nuclei in medulla oblongata with their functional group AN58.4 Describe anatomical basis & effects of medial & lateral medullary Syndrome	Dissection/ ECE		B Batch Histology of sclero-corneal junction, optic nerve, cochlea- organ of corti, pineal gland A –HEMATOLOGY revision
17-4 Fri	Topic: Pons 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	BI6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency	A-reproductive B-Batch –ECE Anaemia		PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion Of pancreas CM 17.5 – Describe the health care delivery in India
18-4 Sat	BI6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency	PY9.3 Describe male reproductive system: functions of testis and control of spermatogenesis & factors modifying it and outline its association with psychiatric illness	B –reproductive A-Batch-ECE- Anaemia		BI11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory including: •TLC, PAGE
19-4 Sun			Sunday Holiday		
20-4 Mon	Topic: Cerebellum AN60.1 Describe & demonstrate external & internal features of cerebellum	PY9.3 Describe male reproductive system: functions of testis and control of spermatogenesis & factors modifying it and outline its association with psychiatric illness	Dissection		A Batch Linker –Facial Palsy B –hematology practical tests
21-4 Tue	PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of hypothalamus	AN60.2 Describe connections of cerebellar cortex and intracerebellar nuclei AN60.3 Describe anatomical basis of cerebellar dysfunction	Dissection		B Batch Linker –Facial Palsy A-hematology practical tests
22-4 Wed	PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of hypothalamus	AN64.2 Describe the development of neural tube, spinal cord,	Dissection		A Batch Histology of Cerebrum & Cerebellum B-hematology practical tests
23-4 Thu	BI6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency	Topic: Midbrain AN61.1 Identify external & internal features of midbrain AN61.2 Describe internal features of midbrain at the level	Dissection		B Batch Histology of Cerebrum & Cerebellum A-hematology practical tests

		of superior & inferior colliculus AN61.3 Describe anatomical basis & effects of Benedikt's and Weber's syndrome			
24-4 Fri	Topic: Cranial nerve nuclei & Cerebral hemispheres AN62.1 Enumerate cranial nerve nuclei with its functional component	BI6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency	A -endocrine B- BI11.18 Discuss the principles of spectrophotometry		PY8.3 Describe the physiology of Thymus & Pineal Gland CM 18.1 – Define & describe the concept of International Health
25-4 Sat	BI6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency	PY9.4 Describe female reproductive system: (a) functions of ovary and its Control	B –endocrine A- BI11.18 Discuss the principles of spectrophotometry		SD L-B16.5-Calcium Homeostasis
26-4 Sun			Sunday Holiday		
27-4 Mon	AN62.2 Describe & demonstrate surfaces, sulci, gyri, poles, & functional areas of cerebral hemisphere	PY9.4 Describe female reproductive system (b) menstrual cycle – hormonal changes	Dissection		A Batch Linker – Claw Hand
28-4 Tue	PY8.4 Describe function tests: Thyroid gland; Adrenal cortex, Adrenal medulla and pancreas	AN62.3 Describe the white matter of cerebrum	Dissection /ECE		B Batch Linker – Claw Hand
29-4 Wed	PY8.4 Describe function tests: Thyroid gland; Adrenal cortex, Adrenal medulla and pancreas	Development of medulla oblongata, pons	Dissection		
30-4 Thu	BI6.9 Describe the functions of various minerals in the body, their metabolism and homeostasis	AN62.4 Enumerate parts & major connections of basal ganglia & limbic lobe	Dissection		

Date / Day	9-10 Lecture	10-11 Lecture	11-01 Small group teaching/tutorials/integrated learning /practical (hours)	01-03 Lunch	03-05 Small Group Teaching/ Tutorials /Integrated Learning /Practical (Hours)
1-5 Fri			Labour Day		
2-5 Sat	BI6.9 Describe the functions of various minerals in the body, their metabolism and homeostasis	PY9.5 Describe and discuss the physiological effects of sex hormones-1	B endocrine		SDL - PY9.4 Describe female reproductive system (b) menstrual cycle -uterine and ovarian changes
3-5 Sun			Sunday Holiday		

4-5 Mon	AN62.5 Describe boundaries, parts, gross relations, major nuclei and connections of dorsal thalamus, hypothalamus, epithalamus, metathalamus and subthalamus	PY9.5 Describe and discuss the physiological effects of sex hormones-2	Dissection		Revision B-human practicals revision
5-5 Tue	PY8.4 Describe function tests: Thyroid gland; Adrenal cortex, Adrenal medulla and pancreas	AN62.6 Describe & identify formation, branches & major areas of distribution of circle of Willis	Dissection		Revision A-human practicals revision
6-5 Wed	PY8.4 Describe function tests: Thyroid gland; Adrenal cortex, Adrenal medulla and pancreas	Development of midbrain	Dissection		Revision B-human practicals revision
7-5 Thu	BI6.9 Describe the functions of various minerals in the body, their metabolism and homeostasis	Topic: Ventricular System AN63.1 Describe & demonstrate parts, boundaries & features of IIIrd ventricle	Dissection		Revision A-human practicals revision
8-5 Fri	AN 63.1 IVth ventricle	BI6.9 Describe the functions of various minerals in the body, their metabolism and homeostasis	A –reproductive B- BI11.15 Describe & discuss the composition of CSF		PY8.5 Describe the metabolic and endocrine consequences of obesity & metabolic syndrome, Stress response. Outline the psychiatry component pertaining to metabolic syndrome CM 18.2 – WHO
9-5 Sat	BI6.9 Describe the functions of various minerals in the body, their metabolism and homeostasis	PY9.6 Enumerate the contraceptive methods for male and . Discuss their advantages & disadvantages	B –reproductive A-BI11.15 Describe & discuss the composition of CSF		SDL PY9.6 Enumerate the contraceptive methods for female. Discuss their advantages & disadvantages
10-5 Sun			Sunday Holiday		
11-5 Mon	lateral ventricle AN63.2 Describe anatomical basis of congenital hydrocephalus	PY9.7 Describe and discuss the effects of removal of gonads on physiological functions	Dissection		Revision PHYSIOLOGY ECE- NEPHROTIC SYNDROME
12-5 Tue	PY8.5 Describe the metabolic and endocrine consequences of obesity & metabolic syndrome, Stress response. Outline the psychiatry component pertaining to metabolic syndrome-2	Topic: Chromosomes AN73.1 Describe the structure of chromosomes with classification	Dissection		Revision PHYSIOLOGY ECE- NEPHROTIC SYNDROME

13-5 Wed	PY8.6 Describe & differentiate the mechanism of action of steroid, protein and amine hormones	Development of cerebral hemisphere & cerebellum	Dissection		Revision PHYSIOLOGY ECE- NEPHROTIC SYNDROME
14-5 Thu	BI6.10 Enumerate and describe the disorders associated with mineral metabolism.	AN73.2 Describe technique of karyotyping with its applications AN73.3 Describe the Lyon's hypothesis	Dissection		Revision PHYSIOLOGY ECE- NEPHROTIC SYNDROME
15-5 Fri	Topic: Patterns of Inheritance AN74.1 Describe the various modes of inheritance with examples	BI6.10 Enumerate and describe the disorders associated with mineral metabolism.	A-endocrine B-ECE- - nephrotic syndrome, -edema,		PY9.8 Describe and discuss the physiology of pregnancy, CM 18.2 – Describe the rules of various International Health Agencies
16-5 Sat	BI6.10 Enumerate and describe the disorders associated with mineral metabolism.	PY9.8 Describe and discuss the physiology of parturition & lactation and outline the psychology and psychiatry-disorders associated with it-1.	B – Endocrine A-ECE - nephrotic syndrome, - edema,		PY9.8 Describe and discuss the physiology of pregnancy, parturition & lactation and outline the psychology and psychiatry-disorders associated with it.-2
17-5 Sun			Sunday Holiday		
18-5 Mon	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	PY9.9 Interpret a normal semen analysis report including (a) sperm count, (b) sperm morphology and (c) sperm motility, as per WHO guidelines and discuss the results	Dissection/ECE		Revision B-human practicals test
19-5 Tue	PY7.1 Describe structure and function of kidney	AN74.4 Describe the genetic basis & clinical features of Achondroplasia, Cystic Fibrosis, Vitamin D resistant rickets, Haemophilia, Duchene's muscular dystrophy & Sickle cell anaemia	Dissection		Revision A-human practicals test
20-5 Wed	PY7.1 Describe structure and function of kidney-2	AN64.3 Describe various types of open neural tube defects with its embryological basis	Dissection		Revision B-human practicals test
21-5 Thu	BI6.10 Enumerate and describe the disorders associated with mineral metabolism.	AN75.2 Explain the terms mosaics and chimeras with example	SDL AN75.1 Describe the structural and numerical chromosomal aberrations		Revision A-human practicals test
22-5 Fri	AN75.3 Describe the genetic basis & clinical features of Prader Willi syndrome, Edward syndrome & Patau syndrome	BI6.10 Enumerate and describe the disorders associated with mineral metabolism.	A – Renal B- BI11.19 instrument		PY7.2 Describe the structure and functions of juxta glomerular apparatus and role of renin-angiotensin system

					CM 19.1 – Define & describe the concept of essential medicine list
23-5 Sat	BI6.10 Enumerate and describe the disorders associated with mineral metabolism.	PY9.9 Interpret a normal semen analysis report including (a) sperm count, (b) sperm morphology and (c) sperm motility, as per WHO guidelines and discuss the results-2	B – Renal A- B- BI11.19 instrument		BI11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory including: • •Electrolyte analysis by ISE
24-5 Sun			Sunday Holiday		
25-5 Mon	AN75.4 Describe genetic basis of variation: polymorphism and mutation	PY9.10 Discuss the physiological basis of various pregnancy tests	Dissection/ ECE		Revision B-Clinical practicals revision -1
26-5 Tue	PY7.2 Describe the structure and functions of juxta glomerular apparatus and role of renin-angiotensin system	AN75.5 Describe the principles of genetic counselling	Dissection		Revision A-Clinical practicals revision -1
27-5 Wed	PY7.3 Describe the mechanism of urine formation involving processes of filtration, tubular reabsorption & secretion; mechanism	Development of Respiratory system	Dissection		Revision B-Clinical practicals revision -1
28-5 Thu	BI6.7 Describe the processes involved in maintenance of normal pH, water & electrolyte balance of body fluids and the derangements associated with these.	IIIrd & IVth Cranial Nerve	Dissection		Revision A-Clinical practicals revision -1
29-5 Fri	Vth Cranial Nerve	BI6.7 Describe the processes involved in maintenance of normal pH, water & electrolyte balance of body fluids and the derangements associated with these	A – Reproductive B- - BI11.19 instrument		PY7.3 Describe the mechanism of urine formation involving processes of filtration, tubular reabsorption & secretion CM 19.2 – Role of essential Medicines in primary health care
30-5 Sat	BI6.8 Discuss and interpret results of Arterial Blood Gas (ABG) analysis in various disorders.	PY9.11 Discuss the hormonal changes and their effects during perimenopause and menopause	B – Reproductive A- B- BI11.19 instrument		SDL - PY9.11 Discuss the hormonal changes and their effects during perimenopause and menopause-2
31-5 Sun			Sunday Holiday		

Date / Day	9-10 Lecture	10-11 Lecture	11-01 Small group teaching/tutorials/integrated learning /practical (hours)	01-03 Lunch	03-05 Small Group Teaching/Tutorials/Integrated Learning /Practical (Hours)
1-6 Mon	VII th Cranial Nerve	PY9.12 Discuss the common causes of infertility in a couple and role of IVF in managing a case of infertility.	SDL VIth Cranial Nerve		A- Osteology Revision B-ECE-goitre
2-6 Tue	PY7.3 Describe the mechanism of urine concentration and diluting Mechanism	IXth Cranial Nerve	Dissection		B - Osteology Revision A-ECE-goitre
3-6 Wed	PY7.3 Describe the mechanism of urine concentration and diluting Mechanism	XIth Cranial Nerve	Dissection		A- Histology Revision B-ECE-goitre
4-6 Thu	BI6.13 Describe the functions of the kidney, liver, thyroid and adrenal glands	XIIth Cranial Nerve	Dissection		B- Histology Revision A-ECE-goitre
5-6 Fri	Optic Nerve	BI6.13 Describe the functions of the kidney, liver, thyroid and adrenal glands	A – Renal B-ECE-Thyroid Disorder		PY7.4 Describe & discuss the significance & implication of Renal Clearance CM 19.3 – Describe counterfeit medicines and its prevention.
6-6 Sat	BI8.5 Summarize the nutritional importance of commonly used items of food including fruits and vegetables.(macro-molecules & its importance)	PY9.12 Discuss the common causes of infertility in a couple and role of IVF in managing a case of infertility.-2	B – Renal A-ECE-Thyroid Disorder		SDL - PY11.1 Describe and discuss mechanism of temperature regulation
7-6 Sun			Sunday Holiday		
8-6 Mon	AN 38.1 – Larynx - Revision	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	SDL / Chromosomes		A- Osteology Revision B-clinical practicals revision -2
9-6 Physiology Tue	PY7.4 Describe & discuss the significance & implication of Renal clearance-2	AN 15.1 – Describe and demonstrate origin force, relation, branches of Anterior thigh – Revision	Dissection		A-clinical practicals revision -2 B- Osteology Revision
10-6	PY7.5 Describe the renal regulation of fluid	AN 16.1 – Gluteal region – Revision	Dissection		A Histology Revision

Wed	and electrolytes .				B-clinical practicals revision -2
11-6 Thu	BI6.15 Describe the abnormalities of kidney, liver, thyroid and adrenal glands.	AN 16.2 – Back of Thigh - Revision	Dissection		A-clinical practicals revision -2 B Histology Revision
12-6 Fri	AN 18.1 – Anterior Compartment of Leg – Revision	BI7.5 Describe the role of xenobiotics in disease	A-Renal B- - BI11.19 instrument		PY7.5 Describe the renal regulation of acid-base balance CM 20.1 – List the important public health events in the last five years
13-6 Sat	BI7.7 Describe the role of oxidative stress in the pathogenesis of conditions such as cancer, complications of diabetes mellitus and atherosclerosis.	PY11.4 Describe and discuss cardio-respiratory and metabolic adjustments during exercise; physical training effects	B – Renal A- - BI11.19 instrument		SDL - PY7.5 Describe the renal regulation of acid-base Balance-2
14-6 Sun			Sunday Holiday		
15-6 Mon	AN 19.1 – Back of Leg - Revision	PY11.5 Describe and discuss physiological consequences of sedentary lifestyle	Dissection /ECE		A Anatomy – Radiology Revision B Physiology Test on clinical practicals
16-6 Tue	PY7.6 Describe the innervations of urinary bladder, physiology of micturition and its abnormalities	AN 19.4 – Sole of Foot- Revision	Dissection		A Physiology Test on clinical practicals B Anatomy – Radiology Revision
17-6 Wed	PY7.6 Describe the innervations of urinary bladder, physiology of micturition and its abnormalities	AN 45.1 – Posterior Abdominal Wall – Revision	Dissection		A Anatomy – Radiology Revision B Physiology Test on clinical practicals
18-6 Thu	BI7.7 Describe the role of oxidative stress in the pathogenesis of conditions such as cancer, complications of diabetes mellitus and atherosclerosis.	AN 46.1 – Testis – Revision	Dissection		A Physiology Test on clinical practicals B Anatomy – Radiology Revision
19-6 Fri	AN 47.1. – Greater sac & Lesser Sac – Revision	BI8.1 Discuss the importance of various dietary components and explain importance of dietary fibre.	A – Temperature Regulation B- BI11.7,8,9 Revision		PY7.7 Describe artificial kidney, dialysis and renal transplantation CM 20.1 – List the important public health events in the last five years
20-6 Sat	BI11.24 Enumerate advantages and/or	PY11.6 Describe physiology of Infancy PY11.7 Describe and discuss physiology of aging; free	B-Temperature Regulation		BI11.16 Observe use of commonly used equipments/techniques in biochemistry

	disadvantages of use of unsaturated, saturated and trans fats in food.	radicals and antioxidants	A- B11.7,8,9 Revision		laboratory including: •pH meter •ABG analyzer •ELISA
21-6 Sun			Sunday Holiday		
22-6 Mon	AN 49.1. – Perineum Revision	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)	ECE- Dissection		Physiology - Discussion of Case history /charts /graphs
23-6 Tue	PY7.7 Describe artificial kidney, dialysis and renal transplantation-2	AN 47.6 – Kidney – Revision	Dissection		Physiology Discussion of Case history /charts /graphs
24-6 Wed	PY7.8 Describe & discuss Renal Function Tests	AN 48.1 – Pelvic Diaphragm – Revision	Dissection		Physiology Discussion of Case history /charts /graphs
25-6 Thu	BI6.7 Describe the processes involved in maintenance of normal pH, water & electrolyte balance of body fluids and the derangements associated with these	AN 48.2. – Uterus – Revision	Dissection		Physiology Discussion of Case history /charts /graphs
26-6 Fri	AN 48.6 Urinary bladder - Revision	BI6.7 Describe the processes involved in maintenance of normal pH, water & electrolyte balance of body fluids and the derangements associated with these	A – Cardio Respiratory changes during exercise B-B11.10,11,12 Revision		PY7.8 Describe & discuss Renal Function Tests CM 20.2 – Describe the various issues during outbreaks & their prevention
27-6 Sat	BI6.7 Describe the processes involved in maintenance of normal pH, water & electrolyte balance of body fluids and the derangements associated with these	PY11.11 Discuss the concept, criteria for diagnosis of Brain death and its implications	B - Cardio Respiratory changes during exercise A B-B11.10,11,12 Revision -		SDL-BI6.14 Describe the tests that are commonly done in clinical practice to assess the functions of these organs (kidney, liver,)
28-6 Sun			Sunday Holiday		
29-6 Mon	AN 33.1 – Infra Temporal Fossa - Revision	PY11.12 Discuss the physiological effects of meditation	Dissection		A Batch Revision B Batch Revision
30-6 Tue	PY7.9 Describe cystometry and discuss the normal cystometrogram	AN 36.2 – Pharynx – Revision	Dissection		A Batch Revision B Batch Revision

Date / Day	9-10 Lecture	10-11 Lecture	11-01 Small Group Teaching/Tutorials/Integrated Learning /Practical (Hours)	01-03 Lunch	03-05 Small Group Teaching/Tutorials/Integrated Learning /Practical (Hours)
1-7 Wed	1-11 July IIIrd Term Exam	1-11 July IIIrd Term Exam	1-11 July IIIrd Term Exam		1-11 July IIIrd Term Exam
2-7 Thu	1-11 July IIIrd Term Exam	1-11 July IIIrd Term Exam			1-11 July IIIrd Term Exam
3-7 Fri	1-11 July IIIrd Term Exam	1-11 July IIIrd Term Exam			1-11 July IIIrd Term Exam
4-7 Sat	1-11 July IIIrd Term Exam	1-11 July IIIrd Term Exam			1-11 July IIIrd Term Exam
5-7 Sun			Sunday Holiday		
6-7 Mon	1-11 July IIIrd Term Exam	1-11 July IIIrd Term Exam	1-11 July IIIrd Term Exam		1-11 July IIIrd Term Exam
7-7 Tue	1-11 July IIIrd Term Exam	1-11 July IIIrd Term Exam	1-11 July IIIrd Term Exam		1-11 July IIIrd Term Exam
8-7 Wed	1-11 July IIIrd Term Exam	1-11 July IIIrd Term Exam	1-11 July IIIrd Term Exam		1-11 July IIIrd Term Exam
9-7 Thu	1-11 July IIIrd Term Exam	1-11 July IIIrd Term Exam	1-11 July IIIrd Term Exam		1-11 July IIIrd Term Exam
10-7 Fri	1-11 July IIIrd Term Exam	1-11 July IIIrd Term Exam	1-11 July IIIrd Term Exam		1-11 July IIIrd Term Exam
11-7 Sat	1-11 July IIIrd Term Exam	1-11 July IIIrd Term Exam	1-11 July IIIrd Term Exam		1-11 July IIIrd Term Exam
12-7 Sun			Sunday Holiday		
13-7 Mon					
14-7 Tue					
15-7 Wed					
16-7 Thu					

17-7 Fri					
18-7 Sat					
19-7 Sun			Sunday Holiday		
20-7 Mon					
21-7 Tue					
22-7 Wed					