

	9:00 - 10:00	10:00 - 11:00	11:00 - 1:00	1:00 - 2:00	2:00 - 3:00	3:00 - 5:00
Holiday						
Tuesday 3/9/2019	AN Anatomical terminology	BI Classify the living cells.	PY Haematology Lab - Study of Instruments and microscope Clinical Lab - History Taking	Biochem practical DOAP	PY Structure and functions of a mammalian cell	AN Introduction to dissection hall, embalming room & anatomy museum
	AN-1.1 Demonstrate normal anatomical position, various planes, relation, comparison, laterality & movement in our body	BI1.1 Molecular and functional organization of a cell and its subcellular components ALN PHYSO	PY2.11 - Estimate Hb, RBC, TLC, RBC indices, DLC, Blood Groups, BT/CT PY11.13 - Obtain history and perform general examination in the volunteer / simulated environment Sharing Pathology & Gen. Medicine	BI11.1 Introduction to Laboratory apparatus and equipments, good safe laboratory practice and waste disposal BATCH-C	PY1.1 - Describe the structure and functions of a mammalian cell	AN-1.1 Demonstrate normal anatomical position, various planes, relation, comparison, laterality & movement in our body
Wednesday 4/9/2019	BI Organization of a cell and its subcellular components	PY Composition and functions of blood components	PY Haematology Lab - Study of Instruments and microscope Clinical Lab - History Taking	Biochem practical DOAP	AN Bone	AN Introduction to Histology lab, microscope handling
	(BI1.1) Organization of a cell and its subcellular components. ALN PHYSO	PY2.1 - Describe the composition and functions of blood components	PY2.11 - Estimate Hb, RBC, TLC, RBC indices, DLC, Blood Groups, BT/CT PY11.13 - Obtain history and perform general examination in the volunteer / simulated environment Sharing Pathology & Gen. Medicine	BI11.1 Introduction to Laboratory apparatus and equipments, good safe laboratory practice and waste disposal BATCH-A	AN-1.2,2.1 2.2 2.3 Describe composition of bone and bone marrow Describe parts, blood and nerve supply of a long bone Enumerate laws of ossification Enumerate special features of a sesamoid bone	
Thursday 5/9/2019	PY Principles of homeostasis	AN Joints	AN Basics of dissection techniques		AN Hip bone 1	BI Marker enzymes for different organelles. SGD
	PY1.2 - Describe and discuss the principles of homeostasis	AN2.5,2.6 Describe various joints with subtypes and examples Explain the concept of nerve supply of joints & Hilton's law	AN-1.1 Demonstrate normal anatomical position, various planes, relation, comparison, laterality & movement in our body		AN14.1,14.2 Identify the given bone, its side, important features & keep it in anatomical position Identify & describe joints formed by the given bone	B11.1 Marker enzymes for different organelles.
Friday 6/9/2019	PY Intercellular communication	AN Muscle INT Physiology	AN Dissection - Introduction to inferior extremity		BI Structural organization of proteins- SDL	PHYSIOLOGY SDL
	PY1.3 - Describe intercellular communication	AN-3.1,3.2,3.3 Classify muscle tissue according to structure & action Enumerate parts of skeletal muscle and differentiate between tendons and aponeuroses with examples Explain Shunt and spurt muscles	AN 15.2 Describe and demonstrate major muscles with their attachment, nerve supply and actions		B15.1 Structural organization of proteins structure, classification and importance of amino acid with examples LECTURE/SDL	

	9:00 - 10:00	10:00 - 11:00	11:00 - 1:00	1:00 - 2:00	2:00 - 3:00	3:00 - 5:00
Saturday 7/9/2019	AN SDL: Skin & Fascia	AN Cardiovascular system & Lymphatic system	AETCOM Module 1.5 The cadaver as our first teacher		PY Origin, forms, variations and functions of plasma proteins	AETCOM Module 1.5 The cadaver as our first teacher
	AN 14.1 ,to 14.5 Describe different types of skin & dermatomes in body Describe structure & function of skin with its appendages Describe superficial fascia along with fat distribution in body Describe modifications of deep fascia with its functions Explain principles of skin incisions	AN 5.1 to 5.8 & AN 6.1 to 6.3 Differentiate between blood vascular and lymphatic system Differentiate between pulmonary and systemic circulation List general differences between arteries & veins Explain functional difference between elastic, muscular arteries and arterioles Describe portal system giving examples Describe the concept of anastomoses and collateral circulation with significance of end-arteries Explain function of meta-arterioles, precapillary sphincters, arterio-venous anastomoses Define thrombosis, infarction & aneurysm List the components and functions of the lymphatic system Describe structure of lymph capillaries & mechanism of lymph circulation Explain the concept of lymphoedema and spread of tumors via lymphatics and venous system			PY2.2 - Discuss the origin, forms, variations and functions of plasma proteins ALN Biochemistry	

	9:00 - 10:00	10:00 - 11:00	11:00 - 1:00		1:00 - 2:00	2:00 - 3:00	3:00 - 5:00
Monday 9/9/2019	AN Histology : Cell & Cell junctions	PY RBC formation (erythropoiesis & its regulation) and its functions	PY Haematology Lab - Study of Instruments and microscope Clinical Lab - History Taking	Biochem practical DOAP	LUNCH	AN Demo - Hip bone 2	AN Dissection - Front of thigh & femoral triangle
		PY2.3 - Describe and discuss the synthesis and functions of Haemoglobin and explain its breakdown. Describe variants of haemoglobin ALN Biochemistry	PY2.11 - Estimate Hb, RBC, TLC, RBC indices, DLC, Blood Groups, BT/CT PY11.13 - Obtain history and perform general examination in the volunteer / simulated environment Sharing Pathology & Gen. Medicine	BI11.1 Introduction to Laboratory apparatus and equipments, good safe laboratory practice and waste disposal BATCH-B		AN14.1,14.2 Identify the given bone, its side, important features & keep it in anatomical position Identify & describe joints formed by the given bone	AN 5.1 to 5.3 Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of anterior thigh Describe and demonstrate major muscles with their attachment, nerve supply and actions Describe and demonstrate boundaries, floor, roof and contents of femoral triangle
Tuesday 10/9/2019	AN Epithelium 1	BI Structure of proteins	PY Haematology Lab - Study of Neubars Chamber + Collection of Blood Sample Clinical Lab - Examination of Pulse + Finger Plethysmography	BI Normal urine DOAP		PY Apoptosis – programmed cell death Sharing Pathology	AN Dissection - Front of thigh & femoral triangle
	AN 65.1,65.2 Identify epithelium under the microscope & describe the various types that correlate to its function Describe the ultrastructure of epithelium	B15.1 Structure of proteins with examples and clinical significance.	PY2.11 - Estimate Hb, RBC, TLC, RBC indices, DLC, Blood Groups, BT/CT PY5.12 - Record blood pressure & pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment PY5.16 Record Arterial pulse tracing using finger plethysmography in a volunteer or simulated environment. Sharing Pathology & Gen. Medicine	BI11.3 Chemical components of normal urine. DOAP BATCH-C		PY1.4 - Describe apoptosis – programmed cell death	AN 5.1 to 5.3 Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of anterior thigh Describe and demonstrate major muscles with their attachment, nerve supply and actions Describe and demonstrate boundaries, floor, roof and contents of femoral triangle

	9:00 - 10:00	10:00 - 11:00	11:00 - 1:00		1:00 - 2:00	2:00 - 3:00	3:00 - 5:00
Wednesday 11/9/2019	BI Functions of proteins	PY Synthesis and functions of Haemoglobin and its breakdown. Variants of haemoglobin	PY Haematology Lab - Study of Neubars Chamber + Collection of Blood Sample Clinical Lab - Examination of Pulse + Finger Plethysmography	BI Normal urine DOAP		AN Demo- Femur	AN Dissection - Adductor canal
	BI5.2 Functions of proteins and structure-function relationships in relevant areas eg, hemoglobin and selected hemoglobinopathies ALN PHYSIO,INT PATH & GM	PY2.4 - Describe RBC formation (erythropoiesis & its regulation) and its functions	PY2.11 - Estimate Hb, RBC, TLC, RBC indices, DLC, Blood Groups, BT/CT PY5.12 - Record blood pressure & pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment PY5.16 Record Arterial pulse tracing using finger plethysmography in a volunteer or simulated environment. Sharing Pathology & Gen. Medicine	BI11.3 Chemical components of normal urine. DOAP BATCH-A		AN 14.1 to 14.3 & 18.5 Identify the given bone, its side, important features & keep it in anatomical position Identify & describe joints formed by the given bone Describe the importance of ossification of lower end of femur & upper end of tibia Explain the anatomical basis of locking and unlocking of the knee joint	AN 15.5 Describe and demonstrate adductor canal with its content
Thursday 12/9/2019	PY Transport mechanisms across cell membranes (Passive transport)	AN Intro. To embryology , menstrual cycle, Gametogenesis	AN Dissection-Adductor canal & Obturator nerve			AN Demo - Tibia & Patella	BI Paper chromatography DEMO
	PY1.5 - Describe and discuss transport mechanisms across cell membranes- I	AN76.1,76.2 & 77.1 to 77.3 Describe the stages of human life Explain the terms- phylogeny, ontogeny, trimester, viability Describe the uterine changes occurring during the menstrual cycle Describe the synchrony between the ovarian and menstrual cycles Describe spermatogenesis and oogenesis along with diagrams	AN 15.1 ,15.2Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of medial side of thigh Describe and demonstrate major muscles with their attachment, nerve supply and actions			AN 14.1 to 14.3 & 18.5 Identify the given bone, its side, important features & keep it in anatomical position Identify & describe joints formed by the given bone Describe the importance of ossification of upper end of tibia Explain the anatomical basis of locking and unlocking of the knee joint	BI11.16 Paper chromatography of amino acid DEMONSTRATION

	9:00 - 10:00	10:00 - 11:00	11:00 - 1:00		1:00 - 2:00	2:00 - 3:00	3:00 - 5:00
Friday 13/09/2019	PY Transport mechanisms across cell membranes (Active transport & others)	AN Adductor canal & Obturator nerve	AN Dissection Gluteal region			Biochem ECE	PY SGD on Intracellular communication & apoptosis
	PY1.5 - Describe and discuss transport mechanisms across cell membranes- II	AN 15.5 ,15.1 Describe and demonstrate adductor canal with its content Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of medial side of thigh	16.1 to 16.3Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of gluteal region			Hemolytic Anemia Case discussion	PY1.3 - Describe intercellular communication PY1.4 - Describe apoptosis – programmed cell death
Saturday 14/09/2019	AN SDL: Structures under cover of gluteus maximus	AN Revision- Femoral triangle & adductor canal	CM Evolution of Community medicine	CM Concepts of Health & its dimensions		PY Anaemia (Classification, Blood-picture, Pathophysiology, Investigations & Physiological Basis of Treatment Sharing Pathology & ALN Biochemistry	AN ECE- Joint movements
	AN 16.1 to 16.3 Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of gluteal region		CM 1.1 Define and describe the concept of Public Health	CM 1.2 Define health; describe the concept of holistic health including concept of spiritual health and the relativeness & determinants of health		PY2.5 - Describe different types of anaemias & Jaundice- I	

	9:00 - 10:00	10:00 - 11:00	11:00 - 1:00		1:00 - 2:00	2:00 - 3:00	3:00 - 5:00
Monday 16/09/2019	AN Hip Joint INT Orthopaedics	PY Structure and functions of a neuron and neuroglia; Nerve Growth Factor & other growth factors/cytokines. ALN Human Anatomy	PY Haematology Lab - Study of Neubars Chamber + Collection of Blood Sample Clinical Lab - Examination of Pulse + Finger Plethysmography	BI Normal urine DOAP	L U N C H	AN Demo Hamstring muscles	AN Dissection - Back of thigh
	AN 17.1 to 17.3 Describe and demonstrate the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply, bursae around the hip joint Describe dislocation of hip joint and surgical hip replacement	PY3.1 - Describe the structure and functions of a neuron and neuroglia; Discuss Nerve Growth Factor & other growth factors/cytokines.	PY2.11 - Estimate Hb, RBC, TLC, RBC indices, DLC, Blood Groups, BT/CT PY5.12 - Record blood pressure & pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment PY5.16 Record Arterial pulse tracing using finger plethysmography in a volunteer or simulated environment. Sharing Pathology & Gen. Medicine	BI11.3 Chemical components of normal urine. DOAP BATCH-B		AN 16.4,16.5 Describe and demonstrate the hamstrings group of muscles with their attachment, nerve supply and actions Describe and demonstrate the origin, course, relations, branches (or tributaries), termination of important nerves and vessels on the back of thigh	AN 16.4,16.5 Describe and demonstrate the hamstrings group of muscles with their attachment, nerve supply and actions Describe and demonstrate the origin, course, relations, branches (or tributaries), termination of important nerves and vessels on the back of thigh
Tuesday 17/09/2019	AN Histology- Epithelium INT Pathology	BI Enzyme 1	PY Haematology Lab - Study of Anti-couglants + Estimation of haemoglobin Clinical Lab -Measurement of Blood Pressure	normal and abnormal urine DOAP		PY Jaundice (Classification, Blood-picture, Pathophysiology, Investigations & Physiological Basis of Treatment Sharing Pathology & ALN Biochemistry	AN Dissection - Hip joint
	AN 65.1,65.2 Identify epithelium under the microscope & describe the various types that correlate to its function Describe the ultrastructure of epithelium	BI2.1 Defination, Function, Classification and Significance of enzyme, isoenzyme, alloenzyme, coenzyme & co-factors.	PY2.11 - Estimate Hb, RBC, TLC, RBC indices, DLC, Blood Groups, BT/CT PY5.12 - Record blood pressure & pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment Sharing Pathology	BI11.4 Perform urine analysis to estimate normal and abnormal constituents DOAP BATCH-C	PY2.5 - Describe different types of anaemias & Jaundice- II	AN 17.1 Describe and demonstrate the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply, bursae around the hip joint	

	9:00 - 10:00	10:00 - 11:00	11:00 - 1:00		1:00 - 2:00	2:00 - 3:00	3:00 - 5:00
Wednesday 18/09/2019	BI Enzyme 2	PY fluid compartments of the body, its ionic composition & measurements	PY Haematology Lab - Study of Anti-couglants + Estimation of haemoglobin Clinical Lab -Measurement of Blood Pressure	BI normal and abnormal urine DOAP		AN Demo- Popliteal fossa	AN Dissection - Popliteal fossa
	BI2.3 Mechanism of Enzyme activity and factors affecting the velocity of reactions.(importance of Vmax and Km)	PY1.6 - Describe different types of anaemias & Jaundice- II ALN Biochemistry	PY2.11 - Estimate Hb, RBC, TLC, RBC indices, DLC, Blood Groups, BT/CT PY5.12 - Record blood pressure & pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment Sharing Pathology	BI11.4 Perform urine analysis to estimate normal and abnormal constituents DOAP BATCH-A		AN 16.6 Describe and demonstrate the boundaries, roof, floor, contents and relations of popliteal fossa	AN 16.6 Describe and demonstrate the boundaries, roof, floor, contents and relations of popliteal fossa

	9:00 - 10:00	10:00 - 11:00	11:00 - 1:00	1:00 - 2:00	2:00 - 3:00	3:00 - 5:00
Thursday 19/09/2019	PY Types, functions & properties of nerve fibers	AN Embryology Fertilisation, 2nd to 4th week INT Obstetrics & Gynecology	AN Dissection - Knee joint		AN Demo - Fibula and front of leg	BI SGOT & SGPT DEMO
	PY3.2 - Describe the types, functions & properties of nerve fibers	AN 77.4 to 77 .6 Describe the stages and consequences of fertilisation Enumerate and describe the anatomical principles underlying contraception Describe teratogenic influences; fertility and sterility, surrogate motherhood, social significance of "sex-ratio". AN 78.1 to 78.5 Describe cleavage and formation of blastocyst Describe the development of trophoblast Describe the process of implantation & common abnormal sites of implantation Describe the formation of extra-embryonic mesoderm and coelom, bilaminar disc and prochordal plate Describe in brief abortion; decidual reaction, pregnancy test AN 79.1 to 79.3 & 79.5 Describe the formation & fate of the primitive streak Describe formation & fate of notochord Describe the process of neurulation Explain embryological basis of congenital malformations, nucleus pulposus, sacrococcygeal teratomas, neural tube defects	AN 18.4 to 18.7 Describe and demonstrate the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply, bursae around the knee joint Explain the anatomical basis of locking and unlocking of the knee joint Describe knee joint injuries with its applied anatomy Explain anatomical basis of Osteoarthritis		AN 14.1, 14.2 Identify the given bone, its side, important features & keep it in anatomical position Identify & describe joints formed by the given bone AN 18.1 to 18.3 Describe and demonstrate major muscles of anterior compartment of leg with their attachment, nerve supply and actions Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of anterior compartment of leg Explain the anatomical basis of foot drop	BI2.2 Estimation of SGOT & SGPT and significance DEMONSTRATION

	9:00 - 10:00	10:00 - 11:00	11:00 - 1:00		1:00 - 2:00	2:00 - 3:00	3:00 - 5:00
Friday 20/09/2019	PY Concept of pH & Buffer systems in the body	AN Knee Joint INT Orthopaedics	AN Dissection - front of leg			BI Enzyme 3- SDL	PY Tutorial on Homeostasis
	PY1.7 - Describe the concept of pH & Buffer systems in the body	AN 18.4 to 18.7 Describe and demonstrate the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply, bursae around the knee joint Explain the anatomical basis of locking and unlocking of the knee joint Describe knee joint injuries with its applied anatomy Explain anatomical basis of Osteoarthritis	AN 18.1,18.2 Describe and demonstrate major muscles of anterior compartment of leg with their attachment, nerve supply and actions Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of anterior compartment of leg			BI2.4 Types of Enzyme inhibitors with examples and Role as poisons and therapeutic drugs INT PATH&GM	PY1.2 - Describe and discuss the principles of homeostasis
Saturday 21/09/2019	AN SDL: Hip joint, knee joint	AN Revision popliteal fossa and Hamstring muscles	CM Concept of well being	CM Determinants of health		PY WBC formation (granulopoiesis) and its regulation	Sports
	AN 17.1 to 17.3 & AN 18.4 to 18.7		CM 1.2 Define health; describe the concept of holistic health including concept of spiritual health and the relativeness & determinants of health	CM 1.2 Define health; describe the concept of holistic health including concept of spiritual health & the relativeness & determinants of health		PY2.6 - Describe WBC formation (granulopoiesis) and its regulation	

	9:00 - 10:00	10:00 - 11:00	11:00 - 1:00		1:00 - 2:00	2:00 - 3:00	3:00 - 5:00
Monday 23/9/2019	AN Histology - connective tissue	PY Degeneration and regeneration in peripheral nerves	PY Haematology Lab - Study of Anti-couglants + Estimation of haemoglobin Clinical Lab - Measurement of Blood Pressure	BI normal and abnormal urine DOAP	LUNCH	AN Demo - Tarsals & metatarsals	AN Dissection - Back of leg
	AN 66.1, 66.2 Describe & identify various types of connective tissue with functional correlation Describe the ultrastructure of connective tissue	PY3.3 - Describe the degeneration and regeneration in peripheral nerves Sharing Gen. Medicine	PY2.11 - Estimate Hb, RBC, TLC, RBC indices, DLC, Blood Groups, BT/CT PY5.12 - Record blood pressure & pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment Sharing Pathology	BI11.4 Perform urine analysis to estimate and determine normal and abnormal constituents B BATCH-B		AN 14.1, 14.2 & 14.4 Identify the given bone, its side, important features & keep it in anatomical position Identify & describe joints formed by the given bone Identify and name various bones in the articulated foot with individual muscle attachment	AN 19.1, 19.2 Describe and demonstrate the major muscles of back of leg with their attachment, nerve supply and actions Describe and demonstrate the origin, course, relations, branches (or tributaries), termination of important nerves and vessels of back of leg
Tuesday 24/9/2019	AN Lecture- Arches of foot INT Orthopaedics	BI Enzyme 4	PY Haematology Lab - RBC Count Clinical Lab - ECE & Revision of Pulse & Blood Pressure	BI ECE		PY Formation of platelets, functions and variations.	AN Dissection - Back of leg
	AN19.5 to 19.7 Describe factors maintaining importance arches of the foot with its importance Explain the anatomical basis of Flat foot & Club foot Explain the anatomical basis of Metatarsalgia & Plantar fasciitis	BI2.5 The clinical utility of various serum enzymes as markers of pathological conditions (CD) INT PATH & GM	PY2.11 - Estimate Hb, RBC, TLC, RBC indices, DLC, Blood Groups, BT/CT PY5.12 - Record blood pressure & pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment Sharing Pathology	Visit to Hospital (Ward, OPD, Laboratories) BATCH-C		PY2.7 - Describe the formation of platelets, functions and variations.	AN 19.1, 19.2

	9:00 - 10:00	10:00 - 11:00	11:00 - 1:00		1:00 - 2:00	2:00 - 3:00	3:00 - 5:00
Wednesday 25/9/2019	BI Enzyme 5	PY Genesis of resting membrane potential	PY Haematology Lab - RBC Count Clinical Lab - ECE & Revision of Pulse & Blood Pressure	BI ECE		AN Demo - Sole	AN Dissection - foot
	BI2.6 Use of enzymes in laboratory investigations (Enzyme-based assays) (CD) Nesting ,INT PATH& GM	PY1.8 - Describe and discuss the molecular basis of resting membrane potential and action potential in excitable tissue- I	PY2.11 - Estimate Hb, RBC, TLC, RBC indices, DLC, Blood Groups, BT/CT PY5.12 - Record blood pressure & pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment Sharing Pathology	Visit to Hospital (Ward, OPD, Laboratories) BATCH A		AN 19.1 ,19.2 Describe and demonstrate the major muscles of sole with their attachment, nerve supply and actions Describe and demonstrate the origin, course, relations, branches (or tributaries) termination of important nerves and vessels of sole	AN 19.1 ,19.2

	9:00 - 10:00	10:00 - 11:00	11:00 - 1:00	1:00 - 2:00	2:00 - 3:00	3:00 - 5:00
Thursday 26/9/2019	PY Structure of neuro-muscular junction and transmission	AN Embryology- intraembryonic mesoderm, fetal membranes, placenta ,umbilical cord, prenatal diagnosis INT Obstretics & Gynecology	AN Dissection - Sole		AN Demo - Xrays and Surface living of inferior extremity INT Radiodiagnosis	BI Interpretion of laboratory results & clinical utility of various enzymes SGD
	PY3.4 - Describe the structure of neuro-muscular junction and transmission Sharing Anaesthesiology	AN 79.4,79.6 &AN 81.1 to 81.3 Describe the development of somites and intra-embryonic coelom Describe the diagnosis of pregnancy in first trimester and role of teratogens, alpha-fetoprotein AN 80.1 to 80.7 Describe formation, functions & fate of-chorion: amnion; yolk sac; allantois & decidua Describe formation of placenta, its physiological functions, foetomaternal circulation & placental barrier Describe embryological basis of twinning in monozygotic & dizygotic twins Explain embryological basis of estimation of fetal age. Describe various types of umbilical cord attachments Describe various methods of prenatal diagnosis Describe indications, process and disadvantages of amniocentesis Describe indications, process and disadvantages of chorion villus biopsy	AN 19.1,19.2 Describe and demonstrate the major muscles of sole with their attachment, nerve supply and actions Describe and demonstrate the origin, course, relations, branches (or tributaries), termination of important nerves and vessels of sole		AN 20.6 to 20.9 Identify the bones and joints of lower limb seen in anteroposterior & lateral view radiographs of various regions of lower limb 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 Identify & demonstrate palpation of femoral, popliteal, post tibial, ant tibial & dorsalis pedis blood vessels in a simulated environment 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	BI2.7 Normal range of various enzymes and Interpretion of laboratory results & clinical utility of various enzymes as markers of pathological conditions Nesting , INT PATH& GM

	9:00 - 10:00	10:00 - 11:00	11:00 - 1:00		1:00 - 2:00	2:00 - 3:00	3:00 - 5:00
Friday 27/9/2019	PY Genesis of action potential: Ionic basis, propagation of action potential	AN Lecture- Venous drainage of lower limb INT General Surgery	AN Dissection - sole			BI Interpretation of laboratory results (ECE & CD)	PY Tutorial on Haemopoiesis
	PY1.8 - Describe and discuss the molecular basis of resting membrane potential and action potential in excitable tissue- II	AN20.3,20.4 Describe and demonstrate Fascia lata, Venous drainage, Lymphatic drainage, Retinacula & Dermatomes of lower limb Describe and demonstrate Fascia lata, Venous drainage, Lymphatic drainage, Retinacula & Dermatomes of lower limb	AN 19.1 ,19.2 Describe and demonstrate the major muscles of sole with their attachment, nerve supply and actions Describe and demonstrate the origin, course, relations, branches (or tributaries), termination of important nerves and vessels of sole			BI2.7 Normal range of various enzymes and Interpretation of laboratory results & clinical utility of various enzymes as markers of pathological conditions Nesting , INT PATH& GM	PY2.4 - Describe RBC formation (erythropoiesis & its regulation) and its PY2.6 - Describe WBC formation (granulopoiesis) and its regulation PY2.7 - Describe the formation of platelets, functions and variations. functions
Saturday 28/9/2019	AN SDL: popliteal fossa and Hamstring muscles	AN Lecture: ankle joint and sub talar joint	CM Indicators of health	CM Demography, Demographic cycle, Population trends – World and India		PY Physiological basis of hemostasis and, anticoagulants.	AN ECE- Arthroscopy, Knee Joint and Hip Joint Replacement
		AN20.1, 20.2 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 Describe subtalar and transverse tarsal joints	CM 1.7 Enumerate and describe health indicators	CM 9.1 Define and describe the principles of Demography, Demographic cycle CM 9.4 Enumerate and describe the causes and consequences of population explosion		PY2.8 - Describe the physiological basis of hemostasis and, anticoagulants. Describe bleeding & clotting disorders (Hemophilia, purpura) Sharing Pathology	

	9:00 - 10:00	10:00 - 11:00	11:00 - 1:00		1:00 - 2:00	2:00 - 3:00	3:00 - 5:00
Monday 30/9/2019	AN Histology- Cartilage	PY Action of neuro-muscular blocking agents. Pathophysiology of Myasthenia gravis	PY Haematology Lab - RBC Count Clinical Lab - ECE & Revision of Pulse & Blood Pressure	BI ECE	LUNCH	AN demo:Anterior Abdominal Wall	AN Dissection - Anterior Abdominal Wall
	AN 71.12 Identify Cartilage under the microscope; classify various types and describe the structure-function correlation of the same	PY3.5 & 3.6 - Discuss the action of neuro-muscular blocking agents. Describe the pathophysiology of Myasthenia gravis Sharing Anaesthesiology, Pharmacology & Pathology	PY2.11 - Estimate Hb, RBC, TLC, RBC indices, DLC, Blood Groups, BT/CT PY5.12 - Record blood pressure & pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment Sharing Pathology	Visit to Hospital (Ward, OPD, Laboratories) BATCH-A		AN 44.1,44.2.44.5,44.6 Describe & Demonstrate the Planes (Transpl-yloric, Transtubercular, subcostal, Lateral vertical, linea alba, linea semilunaris), Regions & Quandrants of Abdomen Decribe & Identify the Fascia, nerves, & Blood vessels of anterior Abdonimal wall Describe and Demonstrate attachments of anterior abdominal wall Enumerate common abdominal incisions	AN 44.1,44.2.44.5,44.6 Describe & Demonstrate the Planes (Transpl-yloric, Transtubercular, subcostal, Lateral vertical, linea alba, linea semilunaris), Regions & Quandrants of Abdomen Decribe & Identify the Fascia, nerves, & Blood vessels of anterior Abdonimal wall Describe and Demonstrate attachments of anterior abdominal wall Enumerate common abdominal incisions