CBME curriculum for undergraduate 1st Year MBBS Students in GMC Patiala for session 2019-2020

FOUNDATION COURSE				
S.No	SUBJECT/CONTENT	Hours as per MCI	Co-coordinator	Remarks
1.	Orientation	30	Faculty member	Ist week of foundation course
2.	Skills Module	35	-do-	Skills required by IMG at the level of community center
3	Field visits	8	-do-	SPM department
4	Professional development including ethics	40	-do-	Part of ATCOM-cadaveric ceremony and research
5	Sports and extra-curricular activities	22	-do-	2 hours ECA and 4 hours SA per week for 4 weeks
6	Enhancement of language /computer skills	40	-do-	To be out sourced

	Total hours	175		

1st week						
Time	Day1	Day 2	Day 3	Day 4	Day 5	Day 6
8:00-9:00am	Welcome address by principal. Ice breaking	Introduction to MBBS program, and library	Discussion on , "Being a medical student keen observation is key to success"	Introduction to medical ethics	Academic ambience/ learning environment	Discussion on Immunization requirement of health care professionals
9:00-10:00am	Hippocratic Oath	Introduction to IT cell	Professional qualities in doctor	Commitment to life long learning as an important part of physicians growth	Introduction to alternate health care systems and history of medicine	Introduction to research
10-11:00am	Orientation of the college campus, Hostel and Hospital	Introduction to Anatomy	Expectations of society and peers from physician	Physicians role and responsibility to society and community	Mentorship Program	sports
11:00-12:00am		Introduction to Physiology	Gender sensitivity in medical profession	Expectation of society and patients from doctors	Mentorship Program	Sports

12:00-1:00pm		Introduction to Biochemistry	Health care delivery system in India	National health program	Bio-safety/needle prick injuries	sports
1:00-2:30pm		Introduction to SPM	Extra -curricular activity/ yoga	Time and stress management	Sports	sports

2nd week						
Time	Day1	Day 2	Day 3	Day 4	Day 5	Day 6
8:00-9:00am	Interpersonal relationship	Standard hand washing technique	Biomedical waste management	Students involvement in research (ICMR STS)	Self Directed Learning	Field visit to CHC , Urbanhealth center Tripuri.
9:00-10:00am		Documentation and medical record keeping		Universal precautions		
10-11:00am	Enhancement of local language and English					
11:00-12:00am						
12:00-1:00pm	Computer skills		Learning Pedagogy	Computer skills	Learning Strategies	Sports
1:00-2:30pm			Yoga		Sports	

3rd week						
Time	Day13	Day 14	Day 15	Day 16	Day 17	Day 18
8:00-9:00am	BLS/First Aid		Cadaveric Ceremony	Concept of professionalism Consequences of unethical and unprofessional behavior	Learning from patients and other members of health care team	Field visit to PHC
9:00-10:00am					Communication with patients and Families	Language
10-11:00am						
11:00-12:00am				Team work in medical profession		Sports
12:00-1:00pm	Computer skills	Computer skills	Community Based Learning	Computer skills	Peer assisted learning	
1:00-2:30pm			Yoga			

4th week						
Time	Day19	Day 20	Day 21	Day 22	Day 23	Day 24
8:00-9:00am	Value of integrity, honesty and respect in	Animal ethics	Professional behavior	How to behave with your seniors	Importance of attendance	Field visit to blood bank

	medical profession					
9:00-10:00am	Introduction to IEC of our institution	Anti - ragging guidelines and introduction to anti-ragging committee of the institute		Rights of a doctor and MCI etiquettes	Sharing of learning experience by seniors and hidden curriculum	
10-11:00am	Art of taking patient consent			Privileged communication (Medical ethics)	Ground rules for medical school classroom	Visit to drug de addiction center
11:00-12:00am	E-Learning		Confidentiality in doctor –patient relationship		What it means to be medical student.	
12:00-1:00pm		Computer Skills			Small group learning	SPORTS
1:00-2:30pm	ECA				Sports	

5th week			
Time	Day 25	Day 26	Day 27
8:00-9:00am	Assessment driven learning	Sensitization for Formative assessment	Computer Skills
9:00-10:00am	Simulation based learning	DOAP, OSCE, OSPE, DOPS	
10-11:00am	Evidence based medicine	Maintainence of log book , portfolio	
11:00-12:00am	Importance of Internal assessment	Computer Skills	
12:00-1:00pm	Computer Skills		
1:00-2:30pm			Feedback from students and Reflections

**** It is mandatory to have 75% attendance in Foundation course.**

SEPTEMBER, 2019

te	Days	8.00-9.00am	9.00-10.00am	10.00-11.00am	11.00-12.30pm (Anatomy)	12.30pm-2.30pm (Biochemistry)	12.30- 2.30 pm Physiology (Small group teaching / tutorials / integrated learning / Practical
	Sunday	-	-	-	-	-	
	Monday	**Anat** **Anatomical terminology** **AN1.1-demonstrate normal anatomical position, various planes, relation, comparison, laterality and movement in our body**	Physiology PY1.1 Describe the structure and function of mammalian cell, PY 1.2 Describe and discuss the principles of homeostasis , PY 1.3 Describe intracellular communication	Biochem B11.1[Describe the molecular and functional organization of a cell and its sub cellular components]	**Anat** **Anatomical terminology** **AN1.1-Demonstrate normal anatomical position, various planes, relation, comparison, laterality and movement in our body**	AB(Batch) **B111.1**Describe commonly used laboratory apparatus and equipments, good safe laboratory practice and waste disposal	C +F = SPM CM 1.9 Demonstrate the role of effective communication skills In health in a Simulated environment D = hematology Practical PY 2.11 Estimate Hb E = Clinical : Anesthesia Demonstrate Basic life support in a simulated environment

	Tuesday	**Anat** **General features of skin and fascia** **AN4.1-Describe different types of skin and dermatomes in body**	Physiology (Pathology) PY 1.4 Describe apoptosis-programmed cell death PY1.5 Discuss transport mechanism across the cell membrane.	**Anat** **Pectoral region** **AN9.1- Describe attachment, nerve supply and action of pectoralis major and minor**	**Anat** **Features of individual bones [upper limb]** **AN8.1-Identify the given bone,its side,important features and keep it in anatomical position [clavicle and humerus]** **AN8.2-Identify&describe joints formed by the given bone**	CD (Batch) **B111.1** Describe commonly used laboratory apparatus and equipments, good safe laboratory practice and waste disposal	E +A = SPM CM 1.9 Demonstrate the role of effective communication skills In health in a Simulated environment B = Hematology PY 2.11 Estimation of Hb F = Clinical Anesthesia Demonstrate Basic life support in a simulated environment

	Wednesday	**Physio (biochemistry) PY1.6 Describe the fluid compartment of the body , its ionic composition and measurement PY 1.7 Describe pH and Buffer system in body**	Biochem B12.1[Explain fundamental concepts of enzymes, isoenzyme, alloenzymes, coenzymes & cofactors, enumerate the main classes of IUBMB nomenclature]	**Anat Pectoral region AN9.2-/Gen Surg Breast:describe the location, extent, deep relations, structure, age changes, blood supply, lymphatic drainage, micro anatomy and applied anatomy of breast AN9.3-Describe development of breast**	**Anat AN8.4-Demostrate important muscle attachments on the given bone [clavicle and humerus] AN9.1- Describe attachment, nerve supply and action of pectoralis major and minor**	EF (Batch) **B111.1** Describe commonly used laboratory apparatus and equipments, good safe laboratory practice and waste disposal	D+B = SPM CM1.9 Demonstrate the role of effective communication skills In health in a Simulated environment A= Hematology PY 2.11 Estimation of Hb C = Clinical Anesthesia Demonstrate Basic life support in a simulated environment

	Thursday	**Physio** **PY 1.8 Describe and discuss the molecular basis of resting membrane potential and action potential in excitable tissue** **PY 1.9 Demonstrate the ability to describe and discuss the methods used to demonstrate the function of the cells and its products , its communication and their application in clinical care and research.**	**Anat** **Introduction to embryology** **AN76.1- Describe the stages of human life** **AN76.2-Explain the terms- phylogeny, ontogeny, trimester, viability**	**SPM** **CM1.1** **Define and describe the concept of public health**	**Anat** **Pectoral region** **AN9.2- Breast:describe the location, extent, deep relations, structure, age changes, blood supply, lymphatic drainage, micro anatomy and applied anatomy of breast**	AB(Batch) **B111.1** Describe commonly used laboratory apparatus and equipments, good safe laboratory practice and waste disposal	C+F = SPM CM1.10 Demonstrate the important aspects of the doctor patient relationship in a simulated environment E = Hematology PY 2.11 Estimation of Hb D = Clinical Anesthesia Demonstrate Basic life support in a simulated environment

	Friday	Biochem B12.1[Explain fundamental concepts of enzymes, isoenzyme, alloenzymes, coenzymes & cofactors, enumerate the main classes of IUBMB nomenclature]	**Anat** **Axilla, shoulder and scapular region** **AN10.1-Identify and describe boundaries and contents of axilla** **AN10.2-Identify, describe and demonstrate the origin, extent, course, parts, relations and branches of axillary arteries and tributaries of vein**	**Physio** **PY 2.1 Describe the function and composition of blood components** **PY 2.2 (biochemistry) Discuss the origin , forms , variations and functions of plasma proteins**	**Anat** **Axilla, shoulder and scapular region** **AN10.1-Identify and describe boundaries and contents of axilla** **AN10.2-Identify, describe and demonstrate the origin, extent, course, parts, relations and branches of axillary arteries and tributaries of vein**	CD (Batch) **B111.1** Describe commonly used laboratory apparatus and equipments, good safe laboratory practice and waste disposal	E +B = SPM CM1.10 Demonstrate the important aspects of the doctor patient relationship in a simulated environment F = Hematology PY 2.11 Estimation of Hb A = Clinical Anesthesia Demonstrate Basic life support in a simulated environment

	Saturday	**Anat** **Axilla, shoulder and scapular region** **AN10.4-Gen Surg** **Describe the anatomical groups of axillary lymph nodes and specify their areas of drainage** **AN10.7-Explain anatomical basis of enlarged axillary lymph nodes**	**Anat** **Axilla, shoulder and scapular regionAN10.3-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**	**Physio (biochemistry)** **PY 2.3** **Describe and discuss the synthesis and functions of Hb and explain its break down .** **Describe variants of Hb**	**Anat** **Axilla, shoulder and scapular region** **AN10.1-Identify and describe boundaries and contents of axilla** **AN10.2-Identify, describe and demonstrate the origin, extent, course, parts, relations and branches of axillary arteries and tributaries of vein**	EF (Batch) **B111.1** Describe commonly used laboratory apparatus and equipments, good safe laboratory practice and waste disposal	D +A = SPM CM1.10 C = Hematology PY 2.11 Estimation of Hb B = Clinical Anesthesia Demonstrate Basic life support in a simulated environment

	Sunday	-	-	-	-	-	
	Monday	**Anat** **Epithelium histology** **AN65.1 identify epithelium under the microscope and describe the various types that correlate to its function.**	**Physio** **PY2.4 Describe RBC formation (erythropoiesis and its regulation) and its function**	Biochem **[SDL]** B12.2[Observe the estimation of SGOT &SGPT]	**Anat** **Axilla, shoulder and scapular regionAN10.3-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**	AB(Batch) **B111.2** Describe the preparation of buffers and estimation of pH	C +F = SPM CM 2.1 Describe the steps and perform clinic social cultural and demographic assessment of the individual, Family and community D = hematology Practical PY 2.11 Estimation of RBC E = Clinical PY11.13 Obtain history and perform general examination in the volunteer/simulated environment

	Tuesday	**Anat/Gen Surg** **AN 10.6** **Explain the anatomical basis of clinical features of Erb's palsy and Klumpke's paralysis** **AN 10.7 Explain anatomical basis of enlarged axillary lymph nodes.**	**Physio** **PY 2.5 Describe types of anemia and jaundice**	**Anat** **Axilla, shoulder and scapular region.** **AN 10.8** **Describe, identify and demonstrate the position, attachments, nerve supply and actions of trapezius and lattismus dorsi**	**Anat** **Axilla, shoulder and scapular region.** **AN 10.8** **Describe, identify and demonstrate the position, attachments, nerve supply and actions of trapezius and lattismus dorsi**	CD (Batch) **B111.2** Describe the preparation of buffers and estimation of pH	E +A = SPM CM2.1 Describe the steps and perform clinic social cultural and demographic assessment of the individual, Family and community B = Hematology PY 2.11 Estimation of RBC F = Clinical PY11.13 Obtain history and perform general examination in the volunteer/simulated environment

	Wednesday	**Phy** **PY 2.5 Describe types of anemia and jaundice**	Biochem B12.3[describe and explain the basic principles of enzymes activity]	**Anat** **Axilla, shoulder and scapular region.** **AN 10.9** **Describe the arterial anastomosis around the scapula and mention the boundaries of triangle of auscultation.** **AN 10.10** **Describe and identify the deltoid and rotator cuff muscles.** **AN 10.13** **Explain anatomical basis of injury to axillary nerve during intramuscular injections.**	**Anat** **Axilla, shoulder and scapular region.** **AN 10.10** **Describe and identify the deltoid and rotator cuff muscles.** **AN 10.11** **Describe and demonstrate attachment of serratus anterior with its action.**	EF (Batch) **B111.2** Describe the preparation of buffers and estimation of pH	D+B = SPM CM 2.1 Describe the steps and perform clinic social cultural and demographic assessment of the individual, Family and community A= Hematology PY 2.11 Estimation of RBC C = Clinical PY11.13 Obtain history and perform general examination in the volunteer/simulated environment

	Thursday	**Phy** **PY 2.6 Describe WBC formation (granulopoieses) and its regulation**	Anat Gametogenesis and fertilization An 77.1/Obs Gynae Describe the uterine changes occurring during the menstrual cycle. AN 77.2 Describe the synchrony between the ovarian and menstrual cycles.	Anat Anatomical terminology AN 1.2 Describe composition of bone and bone marrow	Anat Axilla, shoulder and scapular region. AN 10.12/Ortho Describe and demonstrate shoulder joint - type, articular surfaces, capsule, synovial membranes, ligaments, relations, movements, muscles involved, blood supply, nerve supply and applied anatomy.	AB(Batch) **B111.2** Describe the preparation of buffers and estimation of pH	C+F = SPM CM2.1 Describe the steps and perform clinic social cultural and demographic assessment of the individual, Family and community E = Hematology PY 2.11 D = Clinical PY11.13 Obtain history and perform general examination in the volunteer/simulated environment

	Friday	Biochem B12.3[describe and explain the basic principles of enzymes activity]	**Anat** **Axilla, shoulder and scapular region.** **AN 10.12/Ortho** **Describe and demonstrate shoulder joint - type, articular surfaces, capsule, synovial membranes, ligaments, relations, movements, muscles involved, blood supply, nerve supply and applied anatomy.**	**Phy** **PY 2.7 Describe the formation of platelets , functions and variations.**	**Anat** **Axilla, shoulder and scapular region.** **AN 10.12** **Describe and demonstrate shoulder joint - type, articular surfaces, capsule, synovial membranes, ligaments, relations, movements, muscles involved, blood supply, nerve supply and applied anatomy**	CD (Batch) **B111.2** Describe the preparation of buffers and estimation of pH	E +B = SPM CM2.1 Describe the steps and perform clinic social cultural and demographic assessment of the individual, Family and community F = Hematology PY 2.11 Estimation of RBC A = Clinical PY11.13 Obtain history and perform general examination in the volunteer/simulated environment

	Saturday	Anat Arm and cubital fossa AN 11.5 Identify and describe boundaries and contents of cubital fossa AN 11.3/Gen Surg Describe the anatomical basis of venipuncture of cubital veins AN 11.6 Describe the anastomosis around the elbow joint	Anat Arm and cubital fossa AN 11.1 Describe and demonstrate muscle groups of upper arm with emphasis on biceps and triceps brachii AN 11.2 Identify and describe origin , course, relations, branches(or tributaries), termination of important nerves and vessels in arm.	**Phys** **PY 2.8** **Describe physiological basis of hemostasis and anticoagulants.** **Describe bleeding and clotting disorders (Hemophilia, Purpura)**	**Anat** **Features of individual bones [upper limb]** **AN8.1-Identify the given bone,its side,important features and keep it in anatomical position [radius and ulna]** **AN8.2-Identify&describe joints formed by the given bone**	EF (Batch) **B111.2** Describe the preparation of buffers and estimation of pH	D +A = SPM CM2.1 Describe the steps and perform clinic social cultural and demographic assessment of the individual, Family and community C = Hematology PY 2.11 Estimation of RBC B = Clinical PY11.13 Obtain history and perform general examination in the volunteer/simulated environment
	Sunday	-	-	-	-	-	

	Monday	**Anat** **Epithelium histology** **AN65.1 identify epithelium under the microscope and describe the various types that correlate to its function.**	**Describe physiological basis of hemostasis and anticoagulants.** **Describe bleeding and clotting disorders (Hemophilia, Purpura)**	Biochem B12.4[Describe and discuss enzymes inhibitors as poisons and drugs and as therapeutic enzymes]	**Anat** **Arm and cubital fossa** **AN8.4-Demostrate important muscle attachments on the given bone [radius and ulna]** **AN 11.1** **Describe and demonstrate muscle groups of upper arm with emphasis on biceps and triceps brachii** **AN 11.2** **Identify and describe origin , course, relations, branches(or tributaries), termination of important nerves and vessels in arm.**	AB(Batch) **B111.2** Describe the preparation of buffers and estimation of pH	C +F = SPM CM2.2 Describe the socio cultural factors, (family types), its role in health and Disease & demonstrate in a simulated environment the correct assessment of Socioeconomic status. D = hematology Practical PY 2.11 Estimation of RBC E = PY 3.18 : Computer assisted Learning of Amphibian nerve muscle Experiments and amphibian Cardiac experiments

	Tuesday	**Anat** **Arm and cubital fossa** **AN 11.4/Ortho** **Describe the anatomical basis of Saturday night paralysis**	**Physiology** **PY 2.9** **Describe different blood groups and discuss clinical importance of blood group**	Anat Forearm and hand AN 12.1 Describe and demonstrate important muscle groups of ventral forearm with attachment, nerve supply and actions. AN 12.2 Identify and describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels of forearm.	Anat Arm and cubital fossa AN 11.5 Identify and describe boundaries and contents of cubital fossa AN 11.4 Describe the anatomical basis of venipuncture of cubital veins AN 11.6 Describe the anastomosis around the elbow joint	CD (Batch) **B111.2** Describe the preparation of buffers and estimation of pH	E +A = SPM CM2.2 Describe the socio cultural factors, (family types), its role in health and Disease & demonstrate in a simulated environment the correct assessment of Socioeconomic status. B = Hematology PY 2.11 Estimation of RBC F = PY 3.18 : Computer assisted Learning of Amphibian nerve muscle Experiments and amphibian Cardiac experiments

	Wednesday	**PY 2.9** **Blood banking and transfusion**	Biochem B12.5[Describe and discuss the clinical utility of various serum enzymes as therapeutic enzymes]	Anat Forearm and hand AN 12.3 Identify and describe flexor retinaculum with its attachments. AN 12.4 Explain anatomical basis of carpal tunnel syndrome.	Anat Forearm and hand AN 12.1 Describe and demonstrate important muscle groups of ventral forearm with attachment, nerve supply and actions. AN 12.2 Identify and describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels of forearm.	EF (Batch) **B111.2** Describe the preparation of buffers and estimation of pH	D+B = SPM CM2.2 Describe the socio cultural factors, (family types), its role in health and Disease & demonstrate in a simulated environment the correct assessment of Socioeconomic status. A= Hematology PY 2.11 Estimation of RBC C = PY 3.18 : Computer assisted Learning of Amphibian nerve muscle Experiments and amphibian Cardiac experiments

	Thursday	**PY 2.10** **Define and classify different types of immunity**	Anat Gametogenesis and fertilization AN 77.3/Obs Gynae Describe spermatogenesis and oogenesis along with diagrams.	Anat General features of skin and fascia. AN 4.1 Describe different types of skin and dermatomes in body. AN 4.2 /DermatologyDescribe structure and function of skin with its appendages	Anat Forearm and hand AN 12.3 Identify and describe flexor retinaculum with its attachments. AN 12.5 Identify and describe small muscles of hand also describe movements of thumb and muscles involved. AN 12.6 Describe and demonstrate movements of thumb and muscles involved.	AB(Batch) **B111.2** Describe the preparation of buffers and estimation of pH	C+F = SPM CM2.2 Describe the socio cultural factors, (family types), its role in health and Disease & demonstrate in a simulated environment the correct assessment of Socioeconomic status. E = Hematology Estimation of RBC D = PY 3.18 : Computer assisted Learning of Amphibian nerve muscle Experiments and amphibian Cardiac experiments

	Friday	Biochem **[SDL]** B12.6[Discuss use of enzymes in laboratory investigations (Enzyme bases assays)]	**Anat Forearm and hand AN 12.8/Gen Surg Describe anatomical basis of claw hand.**	**PY 2.10 Development of immunity and its regulation**	**Anat Forearm and hand An 12.7 Identify and describe course and branches of important blood vessels and nerves in hand.**	CD (Batch) **B111.2** Describe the preparation of buffers and estimation of pH	E +B = SPM CM2.2 Describe the socio cultural factors, (family types), its role in health and Disease & demonstrate in a simulated environment the correct assessment of Socioeconomic status. F = Hematology PY 2.11 Estimation of RBC A = PY 3.18 : Computer assisted Learning of Amphibian nerve muscle Experiments and amphibian Cardiac experiments

	Saturday	Anat Forearm and hand AN 12.9 Identify and describe fibrous flexor sheaths, ulnar bursa, radial bursa and digital synovial sheaths. AN 12.10/Gen Surg Explain infection of fascial spaces of palm.	Anat Forearm and hand AN 12.11/Gen Surg Identify, describe and demonstrate important muscle groups of dorsal forearm with attachments, nerve supply and actions. AN 12.12 Identify and describe origin, course, relations, branches (tributaries), termination of important nerves and vessels of back of forearm.	**PY 2.10** **Development of immunity and its regulation**	**Anat** **Forearm and hand** **AN 12.11** **Identify, describe and demonstrate important muscle groups of dorsal forearm with attachments, nerve supply and actions.** **AN 12.12** **Identify and describe origin, course, relations, branches (tributaries), termination of important nerves and vessels of back of forearm.**	EF (Batch) **B111.2** Describe the preparation of buffers and estimation of pH	D +A = SPM CM2.2 Describe the socio cultural factors, (family types), its role in health and Disease & demonstrate in a simulated environment the correct assessment of Socioeconomic status. C = Hematology PY 2.11 Estimation of RBC B = PY 3.18 : Computer assisted Learning of Amphibian nerve muscle Experiments and amphibian Cardiac experiments

	Sunday	-	-	-	-	-	
	Monday	**Anat** **Epithelium histology** **AN 65.2** **Describe the ultrastructure of epithelium.**	**Physiology** **Internal Assessment Of general Physiology**	Biochem **[SDL]** B12.7[Interpret laboratory results of enzyme activities & describe the clinical utility of various enzymes as markers of pathological conditions]	**Anat** **forearm and hand** **AN 12.14** **Identify and describe compartments deep to extensor retinaculum.** **AN 12.15** **Identify and describe extensor expansion formation.**	**AB(Batch) B111.3** **Describe the chemical components of normal urine**	C +F = SPM CM 2.3 Describe and demonstrate in a simulated environment the assessment of barriers to good health and health seeking behavior D = hematology Practical PY 2.11 Estimation of TLC E = PY 3.18 : Computer assisted Learning of Amphibian nerve muscle Experiments and amphibian Cardiac experiments

	Tuesday	**Anat** **forearm and hand** **AN 12.13/Gen Surg** **Describe the anatomical basis of wrist drop.**	**Physiology** **Internal Assessment of Plasma protiens , Hb , RBC , Anemia and jaundice, Platelets ,WBC and Immunity**	**Anat** **forearm and hand** **AN 12.14** **Identify and describe compartments deep to extensor retinaculum.** **AN 12.15** **Identify and describe extensor expansion formation.**	**Anat** **forearm and hand** **AN 12.14/GEn Surg** **Identify and describe compartments deep to extensor retinaculum.** **AN 12.15** **Identify and describe extensor expansion formation.**	CD (Batch) **B111.3** Describe the chemical components of normal urine	E +A = SPM CM 2.3 Describe and demonstrate in a simulated environment the assessment of barriers to good health and health seeking behavior B = Hematology PY 2.11 Estimation of TLC F = PY 3.18 : Computer assisted Learning of Amphibian nerve muscle Experiments and amphibian Cardiac experiments

	Wednesday	**Physiology (Pathology) PY 2.12 Demonstration of ESR ,osmotic fragility , hematocrit. Note the findings and interpretation of test results**	Biochem B13.1[Discuss and differentiate monosaccharides, disscharides and polysaccharides giving examples of main carbohydrates as energy fuel, structural element and storage in human body]	Anat General features, joints, radiographs and surface marking. AN 13.1 Describe and explain fascia of upper limb and compartments, veins of upper limb and its lymphatic drainage. AN 13.2 Describe dermatomes of upper limb.	Anat General features, joints, radiographs and surface marking. AN 13.3 Identify and describe the type, articular surfaces, capsules, synovial membrane, ligaments, relations, movements, blood and nerve supply of elbow joints, proximal and distal radioulnar joints, wrist joint and first carpometacarpal joint.	EF (Batch) **B111.3** Describe the chemical components of normal urine:	D+B = SPM CM 2.3 Describe and demonstrate in a simulated environment the assessment of barriers to good health and health seeking behavior A= Hematology PY 2.11 Estimation of TLC C = PY 3.18 : Computer assisted Learning of Amphibian nerve muscle Experiments and amphibian Cardiac experiments

	Thursday	**Physiology (Pathology) PY 2.13 Demonstration of steps for reticulocyte and platelet count**	Anat Gametogenesis and fertilization AN 77.5/Obs Gynae Enumerate and describe the anatomical principles underlying contraception. AN 77.6 Describe teratogenic infuences: fertility and sterility, surrogate motherhood, social significance of sex ratio.	Anat General features of skin and fascia. AN 4.3 Describe superficial fascia along with fat distribution in body. AN 4.4 Describe modifications of deep fascia with its functions. AN 4.5 Explain principles of skin incisions.	Anat General features, joints, radiographs and surface marking. AN 13.5/Radiodiagnosis Identify the bones and joints of upper limb seen in anteroposterior and lateral view radiographs of shoulder region, arm, elbow, forearm and hand.	AB(Batch) **B111.3** Describe the chemical components of normal urine	C+F = SPM CM17.5 Sub -Center E = Hematology PY 2.11 Estimation of RBC D = PY 3.18 : Computer assisted Learning of Amphibian nerve muscle Experiments and amphibian Cardiac experiments

	Friday	Biochem B13.1[Discuss and differentiate monosaccharides, disscharides and polysaccharides giving examples of main carbohydrates as energy fuel, structural element and storage in human body]	**Anat** **General features, joints, radiographs and surface marking.** **AN 13.3** **Identify and describe the type, articular surfaces, capsules, synovial membrane, ligaments, relations, movements, blood and nerve supply of elbow joints, proximal and distal radioulnar joints, wrist joint and first carpometacarpa l joint.**	**Physiology (SDL)** **Discussion of assessment tests of general physiology and hematology .**	**Anat** **General features, joints, radiographs and surface marking.** **AN 13.6** **Identify and demonstrate important bony landmarks of upper limb: jugular notch, sternal angle, acromial angle, spine of scapula, vertebral level of the medial end, inferior angle of the scapula.**	CD (Batch) **B111.3** Describe the chemical components of normal urine	E +B = SPM CM17.5 Sub -Center F = Hematology PY 2.11 Estimation of TLC A = PY 3.18 : Computer assisted Learning of Amphibian nerve muscle Experiments and amphibian Cardiac experiments

	Saturday	Anat General features, joints, radiographs and surface marking. AN 13.4 Describe sternoclavicular joint, acromioclavicular joint, carpometacarpal joint and metacarpophallangeal joint.	Anat General features, joints, radiographs and surface marking. AN 13.8 Describe development of upper limb	**Physiology (SDL)** **PY 9.1** **Describe and discuss sex determination , sex differentiation and their abnormalities and outline psychiatry and practical implication of sex determination**	**Anat** **General features, joints, radiographs and surface marking.** **AN 13.7** **Identify and demonstrate surface projection of cephalic and basilic vein. Palpation of brachial artery, radial artery, testing of muscles: trapezius, pectoralis major, serrates anterior, lattismus dorsai, deltoid, biceps brachia, brachioradialis**	EF (Batch) **B111.3** Describe the chemical components of normal urine	D +A = SPM CM17.5 Sub -Center C = Hematology PY 2.11 Estimation of TLC B = PY 3.18 : Computer assisted Learning of Amphibian nerve muscle Experiments and amphibian Cardiac experiments
	Sunday	-	-	-	**HOLIDAY**	-	

	Monday	**Anat** **Connective tissue histology.** **AN 66.1** **Describe and identify various types of connective tissues with functional correlation.**	**Physiology (SDL)** **PY9.1 Describe and discuss sex determination , sex differentiation and their abnormalities and outline psychiatry and practical implication of sex determination**	Biochem B13.1[Discuss and differentiate monosaccharides, disscharides and polysaccharides giving examples of main carbohydrates as energy fuel, structural element and storage in human body]	**Assessment.**	AB(Batch) **B111.3** Describe the chemical components of normal urine	C +F = SPM CM 17.5 SHC D = hematology Practical PY 2.11 Estimation of TLC E = PY 3.18 : Computer assisted Learning of Amphibian nerve muscle Experiments and amphibian Cardiac experiments

OCTOBER, 2019

Date	Day	(8:00 am to 9:00 am)	9:00 am to 10 : 00 am	10:00 am to 11: 00 am	11:00am to 12:30 am	12:30-2:00pm Biochemistry Small Group discussion, Tutorials, Practical	12:30-2:00pm Physiology , Small Group discussion, Tutorials, Practical

01	Tuesday	Anat- Front and Medial side of thigh AN 15.3 Describe and demonstrate- Boundaries, Floor, Roof and contents of Femoral Triangle	Physiology PY 9.2 (SDL) Describe and discuss puberty : onset , progression , stages ; early and delayed puberty and outline adolescent clinical and psychological association.	Anat- Front and Medial side of thigh AN 15.4 Explain anatomical basis of posts abscess and femoral hernia AN 17.3 /Ortho Describe dislocation of hip joint and surgical hip replacement	Anat-Features of individual bones (lower limb) AN 14.1 Identify the given bone, its side, important features and keep it in anatomical position AN 14.2 Identify and describe joints formed by the given bone(Femur) AN 14.3/Forensic MEd Describe the importance of ossification of lower end of femur and upper end of tibia AN 17.2 /Ortho Describe anatomical basis of complications of fracture neck femur	CD (Batch) **B111.3** Describe the chemical components of normal urine	E +A = SPM CM 17.5 SHC B = Hematology hematology Practical PY 2.11 Estimation of TLC F = PY 3.18 : Computer assisted Learning of Amphibian nerve muscle Experiments and amphibian Cardiac experiments
2	Wednesday	**HOLIDAY**					

3	Thursday	**Physiology (SDL)** **PY 9.2 Describe and discuss puberty : onset , progression , stages ; early and delayed puberty and outline adolescent clinical and psychological association.**	Anat- 2 week of development AN78.1/Obs Gynae Describe cleavage and formation of blastocyst AN 78.2 Describe the development of trophoblasts AN 78.3 Describe the process of implantation and common abnormal sites of implantation AN 78.4 Describe the formation of extra embryonic mesoderm and coelom, bilaminar disc and	Anat- General features of bones and joints AN 2.1 Describe parts, blood and nerve supply of a long bone AN 2.2 Enumerate Laws of Ossification AN 2.3 Enumerate special features of a sesamoid bone	Anat- Front and Medial side of thigh AN 15.1 Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of anterior thigh AN 15.2 Describe and demonstrate major muscles with their attachments, nerve supply and actions	AB(Batch) **B111.3** Describe the chemical components of normal urine	Tutorial =C+F SPM CM 17.5 CHC/PHC Hematology practical=E hematology Practical PY 2.11 Estimation of TLC Clinical Practical= PY 3.18 : Computer assisted Learning of Amphibian nerve muscle Experiments and amphibian Cardiac experiments

			prochordal plate				

4	Friday	Biochem B13.2[describe the process involved in digestion and assimilation of carbohydrates and storage]	Anat- Front and Medial side of thigh AN 15.5 Describe and demonstrate adductor canal with its content. AN 16.2/Gen Surg Describe the anatomical basis of sciatic nerve injury during gluteal intramascular injections	Physiology PY 9.3 Describe mail reproductive system , function of testis and control of spermatogenesis and factors modifying it and outline its association with psychiatric illness.	Anat- Front and Medial side of thigh AN 15.3 /Gen Surg Describe and demonstrate boundaries, floor, roof and contents of Femoral Triangle AN 15.4 Exlain anatomical basis of posts abscess and femoral hernia	CD (Batch) **B111.3** Describe the chemical components of normal urine	Tutorial = E.B SPM CM 17.5 SHC Hematology practical=F hematology Practical PY 2.11 Estimation of TLC Clinical Practical=A PY 3.18 : Computer assisted Learning of Amphibian nerve muscle Experiments and amphibian Cardiac experiments

5	Saturday	Anat- Gluteal region and back of thigh AN 16.1 Describe and demonstrate origin, course, relations, branches (Tributaries), termination of important nerves and vessels of gluteal region	SPM CM 1.2 Define health, describe the concept of holistic health , including concept of spiritual health and the relativeness and determinants of health.	Physiology PY 9.3 Describe mail reproductive system , function of testis and control of spermatogenesis and factors modifying it and outline its association with psychiatric illness.	Anat- Front and Medial side of thigh AN 15.5 Describe and demonstrate adductor canal with its content	EF (Batch) **B111.3** Describe the chemical components of normal urine	Tutorial =D,A SPM CM CHC/PHC Hematology practical=C hematology Practical PY 2.11 Estimation of TLC Clinical Practical=B PY 3.18 : Computer assisted Learning of Amphibian nerve muscle Experiments and amphibian Cardiac experiments
6	Sunday	-	-	-	-	-	

7	Monday	**Anat- Connective tissue histology Describe the ultra structure of connective tissue**	**Physiology PY 9.4 Describe female reproductive system : a) function of ovaries and its control**	Biochem [SDL] B13.3[describe and discuss the digestion and assimilation of carbohydrates from food]	**Anat- Gluteal region and back of thigh AN 16.1 Describe and demonstrate origin, course, relations, branches (Tributaries), termination of important nerves and vessels of gluteal region**	AB(Batch) **B111.3** Describe the chemical components of normal urine	Tutorial =C,F SPM CM 17.5 DH/SDH Hematology practical=D hematology Practical PY 2.11 Estimation of TLC Clinical Practical=E PY 3.18 : Computer assisted Learning of Amphibian nerve muscle Experiments and amphibian Cardiac experiments
8	Tuesday	**HOLIDAY**					

9	Wednesday	**Physiology** **PY 9.4** **b) Menstrual cycle – hormonal, uterine and ovarian changes.**	Biochem B13.4[define and differentiate the pathways of carbohydrates metabolism, (Glycolysis, gluconeogensis, glycogen metabolism, HMP Shunt]	Anat- Gluteal region and back of thigh AN 16.5 Describe and demonstrate the origin, course, relations, branches or (tributaries), termination of important nerves and vessels on the back of thigh AN 16.3 /Gen SurgExplain the anatomical basis of trendelberg sign	Anat- Gluteal region and back of thigh AN 16.6 Describe and demonstrate the boundaries, roof, floor, contents and relations of popliteal fossa	EF (Batch) **B111.3** Describe the chemical components of normal urine	Tutorial = E,A SPM CM17.5 DH/SDH Hemat. practical=B PY 2.11 RBC indices Clinical Practical=F PY 3.18 : Computer assisted Learning of Amphibian nerve muscle Experiments and amphibian Cardiac experiments

10	Thursday	**Physiology PY 9.5 Describe and discuss physiological effects of sex hormones**	Anat- 2 week of development AN 78.5 /Obs Gynae Describe in brief abortion; decidual reaction, pregnancy test	Anat-General features of bones and joint AN2.4describe various types of cartilage with its structure and distribution in body	Anat- Gluteal region and back of thighAN 16.6 Describe and demonstrate the boundaries, roof, floor, contents and relations of popliteal fossa	AB(Batch) B111.4[Perform urine analysis to estimate and determine normal and abnormal constituents]	Tutorial =C, F SPM CM17.5 ARC Hemat. practical=E PY 2.11 RBC indices Clinical Practical=D PY 3.18 : Computer assisted Learning of Amphibian nerve muscle Experiments and amphibian Cardiac experiments

11	Friday	Biochem B13.4[define and differentiate the pathways of carbohydrates metabolism, (Glycolysis, gluconeogensis, glycogen metabolism, HMP Shunt]	Anat-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 hip joint	Physiology (Gynae obs) PY 9.6 Enumerate the contraceptive methods for male and female. Discuss there advantages and disadvantages.	AN17.1 Describe and demonstrate the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply, bursae around hip joint	CD (Batch)**B111.3** Describe the chemical components of normal urine	Tutorial = E.B SPM CM17.5 EB Hemat. practical= F PY 2.11 RBC indices Clinical Practical=A PY 3.18 : Computer assisted Learning of Amphibian nerve muscle Experiments and amphibian Cardiac experiments

12	Saturday	AN17.2 – Describe anatomical basis of complications of fracture neck of femur AN17.3 – Describe dislocation of hip joint and surgical hip replacement	Anat- Knee Joint, anterolateral compartment of leg and dorsum of foot AN18.1- Describe and demonstrate major muscles of anterolateral compartment of leg with their attachment, nerve supply and actions	Physiology – ECE Gynae obs PY 9.6 Enumerate the contraceptive methods for male and female. Discuss there advantages and disadvantages.	AN17.1 Describe and demonstrate the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply, bursae around hip joint	EF (Batch) **B111.3** Describe the chemical components of normal urine	Tutorial =D,A SPM CM17.5 ARC Hemat. practical=C PY 2.11 RBC indices Clinical Practical=B PY 3.18 : Computer assisted Learning of Amphibian nerve muscle Experiments and amphibian Cardiac experiments
13	Sunday	- - - **HOLIDAY**				-	

14	Monday	**Anat - Muscle histology AN67.1 - Describe and identify various types of muscle under the microscope AN67.2 - Classify muscle and describe the structure function correlation of the same AN67.3 - Describe the ultrastructure of muscular tissue**	**Physiology (SDL) PY 9.7 Describe and discuss the effect of removal of gonads on physiological function.**	Biochem B13.4[define and differentiate the pathways of carbohydrates metabolism, (Glycolysis, gluconeogensis, glycogen metabolism, HMP Shunt]	**Anat- Knee Joint, anterolateral compartment of leg and dorsum of foot AN18.1- Describe and demonstrate major muscles of anterolateral compartment of leg with their attachment, nerve supply and actions**	AB(Batch) B111.4[Perform urine analysis to estimate and determine normal and abnormal constituents]	Tutorial =C,F SPM CM17.5 IMMUNIZATION CLINIC Hemat. practical=D PY 2.11 RBC indices Clinical Practical=E PY 3.18 : Computer assisted Learning of Amphibian nerve muscle Experiments and amphibian Cardiac experiments

15	Tuesday	Anat - Knee Joint, anterolateral compartment of leg and dorsum of foot AN18.3-/Gen Surg Explain the anatomical basis of foot drop	**Physiology Gynae and Obs:** **PY 9.8 : Discribe and discuss the physiology of** pregnancy	Anat - Knee Joint, anterolateral compartment of leg and dorsum of foot AN18.4- Describe and demonstrate the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply, bursae around knee joint	Anat- Knee Joint, anterolateral compartment of leg and dorsum of foot AN18.2 - Describe and demonstrate origin, course, relations, branches (or tributaries) termination of important nerves and vessels of anterior compartment of leg	CD (Batch) B111.4[Perform urine analysis to estimate and determine normal and abnormal constituents]	Tutorial =E,A SPM CM17.5 IMMUNIZATION CLINIC Hemat. practical=B PY2.11 BT/CT Clinical Practical=F PY 3.18 : Computer assisted Learning of Amphibian nerve muscle Experiments and amphibian Cardiac experiments

16	Wednesday	**Physiology Gynae obs PY 9.8 Describe and discuss physiology of Parturition**	Biochem B13.4[define and differentiate the pathways of carbohydrates metabolism, (Glycolysis, gluconeogensis, glycogen metabolism, HMP Shunt]	Anat- Knee Joint, anterolateral compartment of leg and dorsum of foot AN18.6-/Ortho Describe knee joint injuries with its applied anatomy AN18.7 /Ortho-Explain anatomical basics of osteoarthritis	Anat- Knee Joint, anterolateral compartment of leg and dorsum of foot AN18.5- Explain the anatomical basis of locking and unlocking of the knee joint	EF (Batch) B111.4[Perform urine analysis to estimate and determine normal and abnormal constituents]:	Tutorial =D,B SPM CM17.5 DH/SDH Hemat. practical=A hematology Practical PY 2.11 Estimation of TLC Clinical Practical=C PY 3.18 : Computer assisted Learning of Amphibian nerve muscle Experiments and amphibian Cardiac experiments

17	Thursday	**Physiology Gynae obs PY 9.8 Describe and discuss physiology of Lactation and outline the psychology and psychiatric – disorders associated with it**	SPM CM 1.2 Define health, describe the concept of holistic health , including concept of spiritual health and the relativeness and determinants of health.	Anat-3 to 8 week of development AN79.1/Obs Gynae-Describe the formation and fate of primitive streak AN79.2-Describe formation and fate of notochord AN79.3-describe the process of neurulation AN79.4-Describe the development of somites and intra embryonic coelom	Anat-back of leg and sole AN19.1-Describe and demonstrate the major muscles of back of leg with their attachment, nerve supply and actions	AB(Batch) B111.4[Perform urine analysis to estimate and determine normal and abnormal constituents]	Tutorial =C,F SPM Hemat. practical=E PY2.11 BT/CT Clinical Practical=D PY 3.18 : Computer assisted Learning of Amphibian nerve muscle Experiments and amphibian Cardiac experiments

18	Friday	Biochem B13.5[Describe and discuss the regulation, functions and integration of carbohydrate along with associated disease/ disorders]	SPM CM 1.2 Define health, describe the concept of holistic health , including concept of spiritual health and the relativeness and determinants of health.	Physiology – Gynae Obs PY 9.10 Discuss the physiological basis of various pregnancy tests. PY 9.11 Discuss the hormonal changes and their effects during perimenopause and menopause	Anat-back of leg and sole AN19.1-Describe and demonstrate the major muscles of back of leg with their attachment, nerve supply and actions	CD (Batch) B111.4[Perform urine analysis to estimate and determine normal and abnormal constituents]	Tutorial =E,B SPM CM17.5 EB Hemat. practical=F PY2.11 BT/CT Clinical Practical=A PY 3.18 : Computer assisted Learning of Amphibian nerve muscle Experiments and amphibian Cardiac experiments

19	Saturday	Ana-back of and sole AN19.2/Gen Surg Explain the concept of Peripheral heart	**SPM** **CM1.3 Describe the characteristics of agent , host and environmental factors in health and the multifactorial etiology of the disease.**	Physiology Gynae Obs : PY 9.9 : Interpret a normal semen analysis report including a) sperm count, b) sperm morphology, c) sperm motility, as per WHO guidelines and discuss the result PY 9.12 Discuss the common cause of infertility in a couple and role of IVF in managing the case of infertility	Anat-back of leg and sole AN19.2-Describe and demonstrate the origin, course, relation, branches(or tributaries), termination of important nerves and vessels of back of leg	EF (Batch) B111.4[Perform urine analysis to estimate and determine normal and abnormal constituents]	Tutorial =D,A SPM CM17.5 DOTS CENTER Hemat. practical=C PY2.11 BT/CT Clinical Practical=B PY 3.18 : Computer assisted Learning of Amphibian nerve muscle Experiments and amphibian Cardiac experiments
20	Sunday	-	-	-	-	-	

21	Monday	**Anat.- Nervous tissue histology AN68.1 describe and identify multipolar and unipolar neuron, ganglia, peripheral nerve AN68.2 Describe the structure correlation of neuron AN68.3 Describe the ultra structure of nervous tissue**	**Physiology Written test for reproductive system**	Biochem B13.5[Describe and discuss the regulation, functions and integration of carbohydrate along with associated disease/ disorders]	**Anat-back of leg and sole AN19.2-Describe and demonstrate the origin, course, relation, branches(or tributaries), termination of important nerves and vessels of back of leg**	AB(Batch) B111.4[Perform urine analysis to estimate and determine normal and abnormal constituents]	Tutorial =C,F SPM CM17.5 DOTS/CENTER Hemat. practical=D PY2.11 BT/CT Clinical Practical=E PY 3.18 : Computer assisted Learning of Amphibian nerve muscle Experiments and amphibian Cardiac experiments

22	Tuesday	Anat-back of leg and sole AN19.4 /Ortho explain the anatomical basis of rupture of calcaneal tendon	Physiology Problem based discussion of the reproductive system	Anat-back of leg and sole AN-19.5 Describe factors maintaining importance of arches of the foot with its importance	Anat-general features ,joints, Radiographs, and 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 tibio fibular and ankle joint	CD (Batch) B111.4[Perform urine analysis to estimate and determine normal and abnormal constituents]	Tutorial =E,A SPM 17.5 -SDL Hemat. practical=B PY2.11 Blood Groups Clinical Practical=F PY 3.18 : Computer assisted Learning of Amphibian nerve muscle Experiments and amphibian Cardiac experiments

23	Wednesday	**Physiology** **PY 3.1** **Describe the structure and function of a neuron and neuroglia ;** **Discuss nerve growth factor and other growth factors /cytokines**	B13.5[Describe and discuss the regulation, functions and integration of carbohydrate along with associated disease/ disorders]	Anat-back of leg and sole AN19.6-/Ortho Explain the anatomical basis of Flat foot and club foot AN19.7-/Ortho explain the anatomical basis of metatarsalgia and fasciitis	Anat-general features ,joints, radiographs and surface marking AN20.7-identify and demonstrate important 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 navicular	EF (Batch) B111.4[Perform urine analysis to estimate and determine normal and abnormal constituents]	Tutorial =D,B CM17.5 IMMUNIZATION CLINIC Hemat. practical=A PY 2.11 RBC indices Clinical Practical=C PY 3.18 : Computer assisted Learning of Amphibian nerve muscle Experiments and amphibian Cardiac experiments

24	Thursday	**Physiology** **PY 3.2** **Describe the types , functions and properties of the nerve fiber**	**SPM** **CM1.3** **Describe the characteristics of agent , host and environmental factors in health and the multifactorial etiology of the disease.**	Anat- general features of 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 and veins AN5.4- explain functional differences between elastic, muscular arteries and arterioles	Anat-general features ,joints, radiographs and surface marking AN20.8/Gen Med- identify and demonstrate palpation of femoral, popliteal, posterior tibial, anti tibial and dorsals pedis blood vessels in a simulated environment	AB(Batch) B111.4[Perform urine analysis to estimate and determine normal and abnormal constituents]	Tutorial =C,F SPM SDL Hemat. practical=E PY2.11 Blood Groups Clinical Practical=D PY 3.18 : Computer assisted Learning of Amphibian nerve muscle Experiments and amphibian Cardiac experiments

25	Friday	Biochem [SDL] B13.6[Describe and discuss the concept of TCA cycle as ampibolic pathway and its regulation]	**SPM CM1.4 Describe and discuss the natural history of disease.**	Physiology PY 3.3 Describe the degeneration and regeneration in peripheral nerves	Anat-general features ,joints, radiographs and surface marking AN20.9-/Gen Med identify and demonstrate palpation of vessels(femoral, popliteal, dorsalis pedis, posterior tibial) mid inguinal point, surface projection of :femoral nerve , saphenous opening, sciatic , tibial, common perineal and deep perineal nerve, great and small saphenous veins	CD (Batch) B111.4[Perform urine analysis to estimate and determine normal and abnormal constituents]	Tutorial =E,B SPM SDL Hemat. practical=F PY2.11 Blood Groups Clinical Practical=A PY 3.18 : Computer assisted Learning of Amphibian nerve muscle Experiments and amphibian Cardiac experiments

26	Saturday	Anat-general features ,joints, radiographs and surface marking AN20.2 describe the subtalar and transverse tarsal joints	**SPM** **CM 1.5** **Describe the application of interventions at various levels of preventions.**	Physiology (general medicine/ Anesthesia/ pharmacology/ Pathology) PY 3.4 Describe the neuromuscular junction and transmission of impulses PY 3.5 Discuss the action of neuro-muscular blocking agents. PY 3.6 Describe the pathophysiology of myasthenia gravis.	Anat-general features ,joints, radiographs and surface marking AN20.6-/Radio identify the bones and joints lower limb seen in anteroposterior and lateral view radiographs of various regions of lower limb AN14.4- Identify and name various bones in the articulated foot with individual muscle attachment	EF (Batch) B111.4[Perform urine analysis to estimate and determine normal and abnormal constituents]	Tutorial =D,A SPM SDL Hemat. practical=C PY2.11 Blood Groups Clinical Practical=B PY 3.18 : Computer assisted Learning of Amphibian nerve muscle Experiments and amphibian Cardiac experiments
27	Sunday	**HOLIDAY**				-	
28	Monday	**HOLIDAY**					

29	Tuesday	Anat-general features ,joints, radiographs and surface marking AN20.3- Describe and demonstrate fascia lata, venous drainage , lymphatic drainage, retinacula and dermatomes of upper limb AN20.5-/Gen Surg explain anatomical basis of varicose veins and deep vein thrombosis	Physiology PY 3.7 : Describe the different types of muscle fibers and their structure	Anat-general features ,joints, radiographs and surface marking AN20.10- describe basic concept of developmet of lower limb	Anatomy Assessment	CD (Batch) B111.4[Perform urine analysis to estimate and determine normal and abnormal constituents]	Tutorial =E,A SPM SDL Hemat. practical=B PY 2.11 DLC Clinical Practical=F PY 3.18 : Computer assisted Learning of Amphibian nerve muscle Experiments and amphibian Cardiac experiments

30	Wednesday	**Physiology / anatomy** **PY 3.8 Describe action potential and its properties in different muscle types (skeletal and smooth)**	B13.7[SDL] [Describe the common poisons that inhibit crucial enzymes of carbohydrate metabolism (eg Fluoride, Arsenate)]	**Anatomy Assessment**	**Anatomy Assessment**	EF (Batch) B111.4[Perform urine analysis to estimate and determine normal and abnormal constituents]	Tutorial =D,B Hemat. practical=A PY2.11 BT/CT Clinical Practical=C PY 3.18 : Computer assisted Learning of Amphibian nerve muscle Experiments and amphibian Cardiac experiments

31	Thursday	**Physiology** **PY 3.9** **Describe molecular basis of muscle contraction in skeletal and smooth muscles**	**SPM** **CM 1.5** **Describe the application of interventions at various levels of preventions.**	Anat- 3-8 week of development AN79.5-/Obs Gynae explain embryological basis of congenital malformations, nucleus pulposus, sacrococcygeal teratomas, neural tube defects AN79.6- Describe the diagnosis of pregnancy in first trimester and role of teratogens, alpha feet protein	Anat- Thoracic cage AN21.1- Identify and describe the salient features of sternum, typical rib, first rib and typical thoracic vertebrae	AB(Batch) B111.4[Perform urine analysis to estimate and determine normal	Tutorial =C,F Hemat. practical=E PY 2.11 DLC Clinical Practical=D PY 3.18 : Computer assisted Learning of Amphibian nerve muscle Experiments and amphibian Cardiac experiments

November 2019

Dates	Day	8:00am to 9:00am	**9:00am to 10:00am**	**10:00am to 11:00am**	**11:00am to 12:30pm**	12:30 pm -2:30pm Biochemistry : Seminars, small group discussions, tutorials , practicals	12:30 pm -2:30 pm Physiology Seminars, small group discussions, tutorials , practicals

01	Friday	Biochem B13.8[Describe and interpret lab results of analytes associated with metabolism of carbohydrates]	**SPM CM1.6 Describe and discuss the concepts, the principles of health promotion and education , IEC and behavioral change communication(BCC)**	PHYSIOLOGY/ Biochemistry PY3.10 Describe mode of muscle contraction PY 3.11 Explain energy source and muscle metabolism	Anat- AN21.2- identify and describe the features of second, eleventh and twelfth ribs, 1,11 and 12 thoracic vertebrae	CD (Batch) B111.4[Perform urine analysis to estimate and determine normal and abnormal constituents]	Tutorial =E,A Hemat. practical=B PY 2.11 DLC Clinical Practical=F PY 3.18 : Computer assisted Learning of Amphibian nerve muscle Experiments and amphibian Cardiac experiments

2	Saturday	Anat- Thoracic cage AN21.1- Identify and describe the salient features of sternum, typical rib, first rib and typical thoracic vertebrae AN21.2- identify and describe the features of second, eleventh and twelfth ribs, 1,11 and 12 thoracic vertebrae	**SPM CM1.6 Describe and discuss the concepts, the principles of health promotion and education , IEC and behavioral change communication(BCC)**	PHYSIOLOGY/ G. medicine PY3.12 Explain the gradation of muscular activity PY 3.13 Describe muscular dystrophy : myopathies	Anat- Thoracic cage AN21.3- Describe and demonstrate the boundaries of thoracic inlet, cavity and outlet	EF (Batch) B111.4[Perform urine analysis to estimate and determine normal and abnormal constituents]	Tutorial =D,B Hemat. practical=A PY2.11 Blood Groups Clinical Practical=C PY 3.18 : Computer assisted Learning of Amphibian nerve muscle Experiments and amphibian Cardiac experiments
3	Sunday	-	-	-	-	-	

4	Monday	Anat- Glands and lymphoid tissue AN70.1- Identify exocrine gland under the microscope and distinguish between serous, mucous and mixed acini	**Physiology (SDL)** **PY 3.16 : Describe strength duration curve** **PY 3.18 : observe with computer assisted learning (i) amphibian nerve muscle experiments , (ii) amphibian cardiac experiments**	Biochem B13.9[Discuss the metabolism and significance of blood glucose regulation in health and diseases]	Anat- thoracic cage AN21.4- Describe and demonstrate extent, attachments, direction of fibers, nerve supply and actions of intercostal muscles	AB(Batch) B111.5[Describe screening of urine for inborn errors & describe the use of paper chromatography]	Tutorial =C,F Hemat. practical=E PY 2.11 DLC Clinical Practical=D Clinical- PY3.15 Demonstrate effect of mild , moderate and sever exercise and record changes in cardiorespiratory parameters

5	Tuesday	Anat- Thoracic cage AN21.5- Describe and demonstrate origin, course, relations and branches of typical intercostal nerve	**Physiology (DOAP)** **PY3.14 : Perform ergography**	Anat- Thoracic cage AN21.7- mention the origin, course, relations and branches atypical intercostal nerve, superior intercostal artery, subcostal artery	Anat- Thoracic cage AN21.6- Mention origin, course and branches/tributaries of anterior and posterior intercostal vessels and internal thoracic vessels	CD (Batch) B111.5[Describe screening of urine for inborn errors & describe the use of paper chromatography]	Tutorial =E,B Hemat. practical=F PY 2.11 DLC Clinical Practical=A Clinical- PY3.15 Demonstrate effect of mild , moderate and sever exercise and record changes in cardiorespiratory parameters
6	Wednesday	**Physiology** **PY6.1 Describe functional anatomy of respiratory tract** **PY 6.2 Describe mechanism of respiration**	Biochem B13.9[Discuss the metabolism and significance of blood glucose regulation in health and diseases]	**Anatomy Assessment**	Anat- Thoracic cage AN21.8- Describe and demonstrate type, articular surfaces and movements of manubriosternal, costovertebral, costotransverse and xiphisternal joints	EF (Batch) B111.5[Describe screening of urine for inborn errors & describe the use of paper chromatography]	Tutorial =D,A Hemat. practical=C PY 2.11 DLC Clinical Practical=B Clinical- PY3.15 Demonstrate effect of mild , moderate and sever exercise and record changes in cardiorespiratory parameters

7	Thursday	**Physiology** **PY 6.2** **Describe pressure changes during ventilation , lung volumes and capacities**	**SPM** **CM1.7** **Enumerate and describe health indicators**	Anat- Fetal membranes AN80.1-/Obs Gynae Describe formation, functions and fate of chorion: amnion; yolk sac; allantois and decide AN80.2- Describe formation and structure of umbilical cord AN80.3- describe formation of placenta, its physiological functions, fetomaternal circulation and placental barrier AN80.4- Describe embryological basis of twinning in monozygotic and dizygotic twins AN80.7- Describe various types of	Anat- Thoracic cage AN21.9- /Physio Describe and demonstrate mechanics and types of respiration	AB(Batch) B111.5[Describe screening of urine for inborn errors & describe the use of paper chromatography]	Tutorial =C,F Hemat. practical=D PY2.11 Blood Groups Clinical Practical=E Clinical- PY3.15 Demonstrate effect of mild , moderate and sever exercise and record changes in cardiorespiratory parameters

				umbilical cord attachments			

8	Friday	Biochem-SDL B13.10[Interpret the results of blood glucose levels and other lab investigation related to disorders of carbohydrate metabolism]	**SPM** **CM1.7** **Enumerate and describe health indicators**	Physiology PY6.2 Alveolar surface tension, compliance , airway resistance	Anat- Thoracic cage AN21.1- Mention boundaries and contents of superior, anterior, middle and posterior mediastinum	CD (Batch) B111.5[Describe screening of urine for inborn errors & describe the use of paper chromatography]	Tutorial =E , A Hemat. practical=B PY 2.11 DLC Clinical Practical=F Clinical- PY3.15 Demonstrate effect of mild , moderate and sever exercise and record changes in cardiorespiratory parameters

9	Saturday	Anat- Thoracic cage AN21.10- Describe costochondral and interchondral joints	**SPM** **CM 1.8** **Describe the demographic profile of India**	Physiology PY 6.2 Ventilation , V/P ratio, diffusion capacity of lungs	Anat- Thoracic cage AN21.1- Mention boundaries and contents of superior, anterior, middle and posterior mediastinum	EF (Batch) B111.5[Describe screening of urine for inborn errors & describe the use of paper chromatography]	Tutorial =D,B Hemat. practical=A PY 2.11 DLC Clinical Practical=C Clinical- PY3.15 Demonstrate effect of mild , moderate and sever exercise and record changes in cardiorespiratory parameters
10	Sunday	-	-	-	-	-	

11	Monday	**Anat- Glands and lymphoid tissue AN70.2- identify the lymphoid tissue under the microscope and describe microanatomy of lymph node, spleen, thymus, tonsil and correlate structure with function**	**Physiology Assessment of nerve muscle physiology**	Biochem B14.1[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)]	**Anat- Heart and Pericardium AN22.1- Describe and demonstrate subdivisions, sinuses in pericardium, blood supply and nerve supply of pericardium AN 22.2/Physio Describe and demonstrate external and internal features of each chamber of heart**	AB(Batch) B111.5[Describe screening of urine for inborn errors & describe the use of paper chromatography]:	Tutorial =C,F Hemat. practical=D PY 2.11 DLC Clinical Practical=E Clinical – PY 3.16 Demonstrate Harvard step test and describe the impact on induced physiological parameters in a simulated environment.
12	Tuesday	**HOLIDAY**					

13	Wednesday	**Physiology PY 6.3 Describe and discuss the transport of respiratory gases: oxygen and carbon dioxide.**	Biochem B14.1[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)]	**Anatomy assessment**	**Anat- Heart and Pericardium AN22.3- /Physio Describe and demonstrate origin, course and branches of coronary arteries**	EF (Batch) B111.5[Describe screening of urine for inborn errors & describe the use of paper chromatography]	Tutorial =D,B Hemat. practical=A PY 2.11 DLC Clinical Practical=C Clinical – PY 3.16 Demonstrate Harvard step test and describe the impact on induced physiological parameters in a simulated environment

14	Thursday	**Physiology** **PY 6.3 Describe and discuss the transport of respiratory gases: oxygen and carbon dioxide.**	**SPM** **CM2.4 Describe social psychology , community behavior and community relationship and their impact on health and disease**	Anat- Genral features of lymphatic system AN6.1- List the components and functions of lymphatic system AN6.2- Describe structure of lymph capillaries and mechanism of lymph circulation AN6.3- Explain the concept of lyymphoedema and spread of tumours via lymphatics and venous system	Anat- Heart and Pericardium AN22.5- Describe and demonstrate the formation, course, tributaries and termination of coronary sinus	AB(Batch) B111.6 [Describe the principles of colorimetry]	Tutorial =C,F Hemat. practical=E PY 2.11 DLC Clinical Practical=D Clinical – PY 3.16 Demonstrate Harvard step test and describe the impact on induced physiological parameters in a simulated environment

15	Friday	Biochem B14.1[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)]	**SPM CM2.4 Describe social psychology , community behavior and community relationship and their impact on health and disease**	Physiology (SDL) PY6.4 Describe and discuss the physiology of high altitude and deep sea diving	Anat- Heart and Pericardium AN22.5- Describe and demonstrate the formation, course, tributaries and termination of coronary sinus	CD (Batch) B111.5[Describe screening of urine for inborn errors & describe the use of paper chromatography]	Tutorial =E,B Hemat. practical=F PY 2.11 DLC Clinical Practical=A Clinical – PY 3.16 Demonstrate Harvard step test and describe the impact on induced physiological parameters in a simulated environment

16	Saturday	Anat- Heart and Pericardium AN22.4/Physio- Describe anatomical basis of ischaemic heart disease	**SPM CM2.5 Describe poverty and social security measures and its relationship to health and disease**	Physiology (SDL) PY6.4 Describe and discuss the physiology of high altitude and deep sea diving	Anat- Heart and Pericardium Revision	EF (Batch) B111.6 [Describe the principles of colorimetry]	Tutorial =D, A Hemat. practical=C PY 2.11 DLC Clinical Practical=B Clinical – PY 3.16 Demonstrate Harvard step test and describe the impact on induced physiological parameters in a simulated environment
17	Sunday	-	-	-	-	-	

18	Monday	**Anat- Bone and cartilage AN71.1- Identify bone under the microscope, classify various types and describe the structure, function, correlation of the same**	**Physiology (SDL) PY 6.5 Describe and discuss the principles of artificial respiration , oxygen therapy, acclimatization and decompression sickness**	Biochem- SDL B14.2[Describe the processes involved in digestion and absorption of dietary lipids and also the key features of their metabolism]	**Anat- Heart and Pericardium Revision**	AB(Batch) B111.7[Demonstrate the estimation of serum creatinine and creatinine clearance]	Tutorial =C,F Hemat. practical=D PY 2.11 DLC Clinical Practical=E PY6.8 Demonstrate the correct technique to perform and interpret spirometry

19	Tuesday	Anat- Heart and Pericardium AN22.6- Describe the fibrous skeleton of Heart	Physiology PY 6.5 Describe and discuss the principles of artificial respiration , oxygen therapy, acclimatization and decompression sickness	Anat- Heart and Pericardium AN22.7- Mention the parts, position and arterial supply of the conducting system of heart	Anat- Mediastinum AN23.1-/Gen Surg Describe and demonstrate the external appearance, realtions, blood supply, nerve supply, lymphatic drainage and applied anatomy of oesophagus	CD (Batch) B111.6 [Describe the principles of colorimetry]	Tutorial =E,A Hemat. practical=B PY 2.11 DLC Clinical Practical=F Clinical – PY 3.16 Demonstrate Harvard step test and describe the impact on induced physiological parameters in a simulated environment
20	Wednesday	**Physiology PY6.6 Describe and discuss the pathophysiology of dysponea , hypoxia, cyanosis , asphyxia , drowning and periodic breathing**	Biochem B14.3 [Explain the regulation of lipoprotein protein metabolism & associated disorders]	**Anat Medistinum AN23.7/Gen Surg Mention the extent, relation and applied anatomy of lymphatic duct**	Anat- Mediastinum AN23.2-/Gen Surg describe and demonstrate the extent, relations, tributaries of thoracic duct and enumerate its applied anatomy	EF (Batch) B111.7[Demonstrate the estimation of serum creatinine and creatinine clearance]	Tutorial =D,B Hemat. practical=A PY 2.11 DLC Clinical Practical=C PY6.8 Demonstrate the correct technique to perform and interpret spirometry

21	Thursday	**Physiology** **PY6.7** **Describe and discuss lung function tests and their clinical significance.**	**SPM** **CM3.1** **Describe the health hazards of air , water , noise , radiation and pollution.**	Anat- General features of the cardiovascular system AN5.5- Describe portal system giving examples AN5.6- Describe the concept of anastomosis and collateral circulation with significance of end arteries AN5.7- Explain of function of meta arterioles, per capillary sphincters, arteriovenous anastomosis AN5.8- Define thrombosis, infarction and aneurysm	Anat- Mediastinum AN23.2- Describe and demonstrate origin, course, relations, tributaries and termination of superior vena cava, azygos, hemiazygos, accessory hemiazygos veins	AB(Batch) B111.7[Demonstrate the estimation of serum creatinine and creatinine clearance]	Tutorial =C,F Hemat. practical=E PY 2.11 DLC Clinical Practical=D PY6.8 Demonstrate the correct technique to perform and interpret spirometry

22	Friday	Biochem B14.3 [Explain the regulation of lipoprotein protein metabolism & associated disorders]	**SPM** **CM3.1** **Describe the health hazards of air , water , noise , radiation and pollution.**	Physiology PY5.1 Describe the functional anatomy of heart including chambers , sounds and pacemaker tissue and conducting system	Anat- Mediastinum AN23.2- Describe and demonstrate origin, course, relations, tributaries and termination of superior vena cava, azygos, hemiazygos, accessory hemiazygos veins	CD (Batch) B111.7[Demonstrate the estimation of serum creatinine and creatinine clearance]	Tutorial =E,B Hemat. practical=F PY 2.11 DLC Clinical Practical=A PY6.8 Demonstrate the correct technique to perform and interpret spirometry

23	Saturday	Anat- Mediastinum AN23.1- Describe and demonstrate the external appearance, realtions, blood supply, nerve supply, lymphatic drainage and applied anatomy of oesophagus	**SPM CM3.1 Describe the health hazards of air , water , noise , radiation and pollution.**	Physiology PY 5.2 Describe the properties of cardiac muscle including its morphology, electrical , mechanical and metabolic functions.	Anat- Mediastinum AN23.4- Mention the extent branches and relations of arch of aorta and descending thoracic aorta	EF (Batch) B111.7[Demonstrate the estimation of serum creatinine and creatinine clearance]	Tutorial =D,A Hemat. practical=C PY 2.11 DLC Clinical Practical=B PY6.8 Demonstrate the correct technique to perform and interpret spirometry
24	Sunday	-	-	-	-	-	

25	Monday	**Anat- Bone and cartilage AN71.1- Identify bone under the microscope; classify various types and describe the structure, function, correlation of the same**	**Physiology PY 5.4 Describe generation , conduction of cardiac impulse**	Biochem B14.4 [Describe the structure and function of lipoproteins, their functions, interpretations and relations with atherosclerosis]	**Anat- Mediastinum AN23.4- Mention the extent branches and relations of arch of aorta and descending thoracic aorta**	AB(Batch) B111.7[Demonstrate the estimation of serum creatinine and creatinine clearance]	Tutorial =C,F Hemat. practical=D PY 2.11 DLC Clinical Practical=E PY6.8 Demonstrate the correct technique to perform and interpret spirometry

26	Tuesday	Anat- Mediastinum AN23.2- Describe and demonstrate origin, course, relations, tributaries and termination of superior vena cava, azygos, hemiazygos, accessory hemiazygos veins	Physiology PY 5.3 Discuss the events occurring during cardiac cycle	Anat- Mediastinum AN23.6- Describe the splanchnic nerves	Anat- Mediastinum AN23.5- Identify and mention the location and extent of thoracic sympathetic chain	CD (Batch) B111.7[Demonstrate the estimation of serum creatinine and creatinine clearance]	Tutorial =E,A Hemat. practical=B PY 2.11 DLC Clinical Practical=F PY6.8 Demonstrate the correct technique to perform and interpret spirometry

27	Wednesday	**Physiology / G . Medicine PY – 5.5 Describe the physiology of ECG , its application and the cardiac axis**	Biochem B14.4 [Describe the structure and function of lipoproteins, their functions, interpretations and relations with atherosclerosis]		Anat- Lungs and Trachea AN24.1- /Physio Mention the blood supply, lymphatic drainage and nerve supply of pleura , extent of pleura and describe the pleural recesses and their applied anatomy	EF (Batch) B111.7[Demonstrate the estimation of serum creatinine and creatinine clearance]	Tutorial =D,B Hemat. practical=A PY 2.11 DLC Clinical Practical=C PY6.8 Demonstrate the correct technique to perform and interpret spirometry
28	Thursday	**Physiology / G . Medicine PY – 5.5 Describe the physiology of ECG , its application and the cardiac axis**	**SPM CM3.2 Describe concepts of safe and wholesome water, sanitary sources of water, water purification process , water quality standards, concepts of**	Anat- Fetal membranes AN80.5- Describe role pf placental hormones in uterine growth and parturition AN80.6- Explain embryological basis of estimation of fetal age	Anat- Lungs and Trachea AN24.1- Mention the blood supply, lymphatic drainage and nerve supply of pleura , extent of pleura and describe the pleural recesses and their applied anatomy	AB(Batch) B111.8[Demonstrate the estimation of serum proteins, Albumin and A:G ratio]	Tutorial =C,F Hemat. practical=E PY 2.11 DLC Clinical Practical=D PY6.8 Demonstrate the correct technique to perform and interpret spirometry

			water conservation and rain water harvesting				
29	Friday	Biochem-SDL B14.5[Interpret laboratory results of analytes associated with metabolism of lipids]	**SPM CM3.2 Describe concepts of safe and wholesome water, sanitary sources of water, water purification process , water quality standards, concepts of water**	**PHYSIOLOGY/ g .medicine /anatomy PY 5.6 Describe abnormal ECG, arrhythmias, heart block and myocardial infarction.**	Anat- Lungs and Trachea AN24.2/Physio /Gen Med- Identify side, external features and relations of structures which form root of lung and bronchial tree and their clinical correlation	CD (Batch) B111.7[Demonstrate the estimation of serum creatinine and creatinine clearance]	Tutorial =EB Hemat. practical=F PY 2.11 DLC Clinical Practical=A PY6.8 Demonstrate the correct technique to perform and interpret spirometry

			conservation and rain water harvesting				

30	Saturday	Anat- Lungs and Trachea AN24.2- Identify side, external features and relations of structures which form root of lung and bronchial tree and their clinical correlation AN24.3 /Gen Med Describe bronchopulmonary segment	**SPM** **CM 3.3** Describe the etiology and bases of water born diseases , jaundice, hepatitis, diarrheal diseases.	**Physiology Assessment of Respiratory Physiology**	Anat- Lungs and Trachea AN24.2- Identify side, external features and relations of structures which form root of lung and bronchial tree and their clinical correlation	EF (Batch) B111.8[Demonstrate the estimation of serum proteins, Albumin and A:G ratio]	Tutorial =D,A Hemat. practical=C PY 2.11 DLC Clinical Practical=B PY6.8 Demonstrate the correct technique to perform and interpret spirometry

DECEMBER 2020

Date	Day	**8-9am**	**9-10am**	**10-11am**	**11-12:30pm**	**12:30-2:30pm**	**12:30-2:30pm**
01	Sunday	-	-	-	-	-	
2	Monday	Anat AN71.2-Identify cartilage under the microscope and describe various types and structures-function correlation of the same	Physiology PY5.7 Describe and discuss hemodynamics of circulatory system	Biochem B14.6 Describe the therapeutic uses of prostaglandins and inhibitors of eicosanoids synthesis]	Anat AN24.4-Identify phrenic nerve and describe its formation and distribution	AB(Batch) B111.8[Demonstrate the estimation of serum proteins, Albumin and A:G ratio]	Tutorial = C,F Hemat= D PY 2.11 DLC Clinical = E PY 6.9 Demonstrate the correct clinical examination of the respiratory system in a normal volunteer / simulated environment

3	Tuesday	Anat AN24.5-Mention the blood supply, lymphatic drainage and nerve supply of lungs	Physiology PY 5.8 Describe and discuss local and systemic cardiovascular regulatory mechanisms	Anat AN24.6-Describe the extent, length, relations, blood supply, lymphatic drainage and nerve supply of trachea	Anat Thorax AN25.1-Identify draw and label a slide of trachea and lung	CD (Batch) B111.8[Demonstrate the estimation of serum proteins, Albumin and A:G ratio]	Tutorial = E,A Hemat= B PY 2.11 DLC Clinical = F PY6.8 Demonstrate the correct technique to perform and interpret spirometry

4	Wednesday	Physiology PY 5.8 Describe and discuss local and systemic cardiovascular regulatory mechanisms	Biochem-SDL B14.7[Interpret laboratory results of analytes associated with metabolism of lipids]	Anat Prenatal diagnosis AN81.1-Describe various methods of pre-natal diagnosis AN81.2-Describe indications, process and disadvantages of amniocentesis AN81.3-Describe indications, process and disadvantages of chorion villus biopsy	Anat Thorax AN25.7-/RAdioIdentify structures seen on a plain x-ray Chest[PA view] AN25.8-/RAdioIdentify and describe in brief a barium swallow	EF (Batch) B111.8[Demonstrate the estimation of serum proteins, Albumin and A:G ratio]	Tutorial = D,B Hemat= A PY 2.11 DLC Clinical = C PY 6.9 Demonstrate the correct clinical examination of the respiratory system in a normal volunteer / simulated environment

5	Thursday	Physiology PY 5.9 Describe the factors affecting heart rate , regulation of cardiac output and blood pressure	**SPM** **CM 3.4** **Describe the concept of solid waste , human excreta and sewage disposal**	Anat Introduction to the nervous system AN7.1-Describe general plan of nervous system with components of central, peripheral and autonomic nervous system	Anat AN25.9- /RadioDemonstrate surface marking of lines of plural reflection, lung borders and fissures, trachea, heart borders, apex beat and surface projection of valves of heart	AB(Batch) B111.9[Demonstrate the estimation of serum total cholesterol and HDL-cholesterol	Tutorial = C,F Hemat= E PY 2.11 DLC Clinical = D PY 6.9 Demonstrate the correct clinical examination of the respiratory system in a normal volunteer / simulated environment
6	Friday	Biochem B15.1[Describe and Discuss structural organization of proteins]	**SPM** **CM 3.4** **Describe the concept of solid waste , human excreta and sewage disposal**	Physiology PY 5.9 Describe the factors affecting heart rate , regulation of cardiac output and blood pressure	Anat AN25.9- Demonstrate surface marking of lines of plural reflection, lung borders and fissures, trachea, heart borders, apex beat and surface projection of valves of heart	CD (Batch) B111.8[Demonstrate the estimation of serum proteins, Albumin and A:G ratio]	Tutorial =E,B Hemat= F PY 2.11 DLC Clinical = A PY 6.9 Demonstrate the correct clinical examination of the respiratory system in a normal volunteer / simulated environment

7	Saturday	Anat AN25.2- Describe development of Pleura, lung and heart AN25.3/Gen Med Describe fetal circulation and changes occurring at birth	**SPM Assessment**	Physiology/ General medicine PY5.10 Describe and discuss regional circulation including microcirculation , lymphatic circulation , coronary circulation , cerebral , capillary , skin , foetal, pulmonary and splanchnic circulation	Anat Assessment	EF (Batch) B111.9[Demonstrate the estimation of serum total cholesterol and HDL-cholesterol	Tutorial = D,A Hemat= C PY 2.11 DLC Clinical = B PY 6.9 Demonstrate the correct clinical examination of the respiratory system in a normal volunteer / simulated environment
8	Sunday	-	-	-	-	-	

9	Monday	Anat Integumentary system AN72.1- Identify the skin and its appendages under the microscope and co-relate the structure with function	Physiology/ General medicine PY5.10 Describe and discuss regional circulation including microcirculation , lymphatic circulation , coronary circulation , cerebral , capillary , skin , foetal, pulmonary and splanchnic circulation	Biochem B15.2[Describe and Discuss functions of proteins and structure-function relationships in relevant areas eg. Haemoglobin and selected hemoglobinopathies]	Anat Skull osteology AN26.1- Demonstrate anatomical position of skull, identify and locate individual skull bones in skull	AB(Batch) B111.9[Demonstrate the estimation of serum total cholesterol and HDL-cholesterol	Tutorial = C,F Hemat= D PY 2.11 DLC Clinical = E PY 6.10 Demonstrate the correct technique to perform measurement of PEFR in a normal volunteer or simulated environment.

10	Tuesday	Anat Skull osteology AN26.1-Demonstrate anatomical position of skull, identify and locate individual skull bones in skull	Physiology/ General medicine PY5.10 Describe and discuss regional circulation including microcirculation , lymphatic circulation , coronary circulation , cerebral , capillary , skin , foetal, pulmonary and splanchnic circulation	Anat Scalp AN27.1-/gen Surg Describe the layers of scalp, its blood supply, its nerve supply and surgical importance	Anat Skull osteology AN26.2-Describe the features of norma frontalis, verticalis, occipitalis, lateralis and basalis	CD (Batch) B111.9[Demonstrate the estimation of serum total cholesterol and HDL-cholesterol	Tutorial = E,A Hemat= B PY 2.11 DLC Clinical = F PY6.8 Demonstrate the correct technique to perform and interpret spirometry

11	Wednesday	Physiology PY 5.11 Describe the pathophysiology of shock, syncope and heart failure	Biochem B15.3[Describe the digestion and absorption of dietary proteins]	Anat Scalp AN27.2-Describe emissiory veins with its role in spread of infection from extra cranial route to intracranial venous	Anat Skull osteology AN26.2-Describe the features of norma frontalis, verticalis, occipitalis, lateralis and basalis	EF (Batch) B111.9[Demonstrate the estimation of serum total cholesterol and HDL-cholesterol	Tutorial = D,B Hemat= A PY 2.11 DLC Clinical = C PY 6.10 Demonstrate the correct technique to perform measurement of PEFR in a normal volunteer or simulated environment.

12	Thursday	Physiology PY 5.11 Describe the pathophysiology of shock, syncope and heart failure	Anat AN25.2-/GEn MedDescribe development of Pleura, lung and heart AN 25.4/Paed Describe embryological basis of 1. Atrial septal defect 2. Ventricular septal defect 3. Fallot's tetralogy and tracheoesophageal fistula	Anat Introduction to nervous system AN 7.1 Describe general plan of nervous system with components of central, peripheral and autonomic nervous systems AN 7.8 Describe differences between sympathetic and spinal ganglia	Anat Skull osteology AN26.2-Describe the features of norma frontalis, verticalis, occipitalis, lateralis and basalis	AB(Batch) B111.10[Demonstrate the estimation of triglycerides	Tutorial = C,F Hemat= E PY 2.11 DLC Clinical = D PY 6.10 Demonstrate the correct technique to perform measurement of PEFR in a normal volunteer or simulated environment.

13	Friday	B15.4[Describe common disorders associated with protein metabolism]	Skull osteology AN 26.6 Explain the concept of bones that ossify inmembrane	Physiology /Anatomy PY 4.1 Describe the structure and function of digestive system	Anat Skull osteology AN26.2-Describe the features of norma frontalis, verticalis, occipitalis, lateralis and basalis	CD (Batch) B111.9[Demonstrate the estimation of serum total cholesterol and HDL-cholesterol	Tutorial =E,B Hemat= F PY 2.11 DLC Clinical = A PY 6.10 Demonstrate the correct technique to perform measurement of PEFR in a normal volunteer or simulated environment.

14	Saturday	Anat Face and parotid region AN 28.3 Describe and demonstrate origin/formation, course, branches/tributaries of facial vessels AN 28.2 Describe sensory innervation of face AN 28.8 Explain surgical importance of deep facial vein	Anat Face and parotid region AN 28.1 Describe and demonstrate muscles of facial expression and their nerve supply	Physiology/Biochemistry PY4.2 Describe the composition , mechanism of secretion, functions and regulation of saliva , gastric , pancreatic , intestinal juices and bile secretion.	Anat Skull osteology AN26.2-Describe the features of norma frontalis, verticalis, occipitalis, lateralis and basalis	EF (Batch) B111.10[Demonstrate the estimation of triglycerides	Tutorial = D,A Hemat= C PY 2.11 DLC Clinical = B PY 6.10 Demonstrate the correct technique to perform measurement of PEFR in a normal volunteer or simulated environment.
15	Sunday	-	-	-	-	-	

16	Monday	Anat Head and Neck Joints, histology, development, radiography and surface marking AN 43.2 Identify, describe and draw the micro anatomy of pituitary gland, thyroid, parathyroid, tongue, salivary glands, tonsil, epiglottis, cornea, retina	Physiology/Biochemistry PY4.2 Describe the composition , mechanism of secretion, functions and regulation of saliva , gastric , pancreatic , intestinal juices and bile secretion.	Biochem B15.4[Describe common disorders associated with protein metabolism]	Anat Face and parotid region AN 28.1 Describe and demonstrate muscles of facial expression and their nerve supply	AB(Batch) B111.11[Demonstrate the estimation of calcium and phosphorus	Tutorial = C,F Hemat= D PY 2.11 revision Clinical = E PY 6.10 Demonstrate the correct technique to perform measurement of PEFR in a normal volunteer or simulated environment.

17	Tuesday	Anat Face and parotid region AN 28.4 Describe and demonstrate branches of facial nerve with distribution	Physiology/Biochemistry PY4.2 Describe the composition , mechanism of secretion, functions and regulation of saliva , gastric , pancreatic , intestinal juices and bile secretion.	Anat Face and parotid region AN 28.7 /gen med Explain the anatomical basis of facial nerve palsy	Anat Face and parotid region AN 28.3 Describe and demonstrate origin/formation, course, branches/tributaries of facial vessels	CD (Batch) B111.10[Demonstrate the estimation of triglycerides	Tutorial = E,A Hemat= B PY 2.11 revision Clinical = F PY 6.9 Demonstrate the correct clinical examination of the respiratory system in a normal volunteer / simulated environment

18	Wednesday	Physiology PY 4.3 Describe GIT movements , regulation and functions. Describe defecation reflex. Explain role of dietary fiber	Biochem-SDL B15.5[Interpret laboratory results of analytes associated with metabolism of proteins]	Anat Face and parotid region AN 28.5 Describe cervical lymph nodes and lymphatic drainage of head, face and neck	Anat Face and parotid region AN 28.6 Identify superficial muscles of face, their nerve supply and actions	EF (Batch) B111.11[Demonstrate the estimation of calcium and phosphorus	Tutorial = D,B Hemat= A PY2.11 revision Clinical = C PY 5.12 Record blood pressure and pulse at rest and in different grades of exercise and postures in volunteer/ simulated environment.

19	Thursday	Physiology PY 4.3 Describe GIT movements , regulation and functions. Describe defecation reflex. Explain role of dietary fiber	Anat Thorax AN 25.3 Describe fetal circulation and changes occurring at birth	Anat Introduction to the nervous system AN 7.2 List components of nervous tissue and their functions AN 7.3 Describe parts of a neuron and classify them based on number of neurites, size and function AN 7.7 Describe various types of synapse	Anat Skull osteology AN 26.4 Describe morphological features of mandible	AB(Batch) B111.11[Demonstrate the estimation of calcium and phosphorus	Tutorial = C,F Hemat= E ,PY 2.11 revision Clinical = D PY 5.12 Record blood pressure and pulse at rest and in different grades of exercise and postures in volunteer/ simulated environment.

20	Friday	Biochem B16.1[Discuss the metabolic processes that takes place in specific organs in the body in the fed and fasting states]	Anat Face and parotid region AN 28.9 /gen Surg Describe and demonstrate the parts, borders, surfaces, contents, relations and nerve supply of parotid gland with course of its duct and surgical importance	Physiology /Biochemistry PY 4.4 Describe the physiology of digestion and absorption of nutrients	Anat Face and parotid region AN 28.9 Describe and demonstrate the parts, borders, surfaces, contents, relations and nerve supply of parotid gland with course of its duct and surgical importance	CD (Batch) B111.11[Demonstrate the estimation of calcium and phosphorus	Tutorial =E,B Hemat= F PY 2.11 revision Clinical = A PY 5.12 Record blood pressure and pulse at rest and in different grades of exercise and postures in volunteer/ simulated environment.

21	Saturday	Anat Face and parotid region AN 28.10 Explain the anatomical basis of Frey's syndrome	Anat Skull osteology AN 26.5 Describe features of typical and atypical cervical vertebrae (Atlas and axis) AN 26.7 Describe the features of the 7 cervical vertebra	Physiology /Biochemistry PY 4.4 Describe the physiology of digestion and absorption of nutrients	Anat Skull osteology AN 26.5 Describe features of typical and atypical cervical vertebrae (Atlas and axis) AN 26.7 Describe the features of the 7 cervical vertebra	EF (Batch) B111.11[Demonstrate the estimation of calcium and phosphorus	Tutorial = D,A Hemat= C PY 2.11 revision Clinical = B PY 5.12 Record blood pressure and pulse at rest and in different grades of exercise and postures in volunteer/ simulated environment.
22	Sunday	-	-	-	-	-	

23	Monday	Anat Head and Neck Joints, histology, development, radiography and surface marking AN 43.2 Identify, describe and draw the micro anatomy of pituitary gland, thyroid, parathyroid, tongue, salivary glands, tonsil, epiglottis, cornea, retina	Physiology /Biochemistry PY 4.4 Describe the physiology of digestion and absorption of nutrients	Biochem B16.2[Describe and Discuss the metabolic processes in which nucleotides are involved]	Anat Posterior triangle of neck AN 29.1 Describe and demonstrate attachments, nerve supply, relations and actions of sternocleidomastoid	AB(Batch) B111.11[Demonstrate the estimation of calcium and phosphorus	Tutorial = C,F Hemat= D PY 2.11 revision Clinical = E PY 5.12 Record blood pressure and pulse at rest and in different grades of exercise and postures in volunteer/ simulated environment.

24	Tuesday	Anat Posterior triangle of neck AN 29.2 / gen Surg Explain anatomical basis of Erb's and Klumpke's palsy	Physiology PY 4.6 Describe gut brain axis	Anat Posterior triangle of neck AN 29.3 /gen Surg Explain anatomical basis of Wry neck	Anat Posterior triangle of neck AN 29.4 Describe and demonstrate attachments of 1. Inferior belly of omohyoid 2. Scalenus anterior 3. Scalenus medius 4. Levator scapulae	CD (Batch) B111.11[Demonstrate the estimation of calcium and phosphorus	Tutorial = E,A Hemat= B PY 2.11 revision Clinical = F PY 6.10 Demonstrate the correct technique to perform measurement of PEFR in a normal volunteer or simulated environment.
25	Wednesday	**HOLIDAY**					

26	Thursday	Physiology Assesment of CVS	Anat Thorax AN 25.6 Mention development of aortic arch arteries, SVC, IVC and coronary sinus	Anat Introduction to the nervous system AN 7.4 Describe structure of a typical spinal nerve AN 7.5 Describe principals of sensory and motor innervation of muscles AN 7.6 Describe concept of loss of innervation of a muscle with its applied anatomy	Anat Cranial cavity AN 26.3 Describe cranial cavity, its subdivisions, foramina and structures passing through them AN 30.2 Describe and identify major foramina with structures passing through them AN 30.3 Describe and identify dural folds and dural venous sinuses	AB(Batch) B111.12[Demonstrate the estimation of serum bilirubin	Tutorial = C,F Hemat= E PY 2.11 revision Clinical = D PY 5.12 Record blood pressure and pulse at rest and in different grades of exercise and postures in volunteer/ simulated environment.

27	Friday	Biochem B16.2[Describe and Discuss the metabolic processes in which nucleotides are involved]	Anat Cranial cavity AN 30.4 Describe clinical importance of dural venous sinuses	Physiology PY 4.5 Describe the source of GIT hormones, their regulation and functions	Anat Cranial cavity AN 30.1/gen surg Describe cranial fossae and identify related structures AN 30.2 /gen Surg Describe and identify major foramina with structures passing through them AN 30.3 Describe and identify dural folds and dural venous sinuses	CD (Batch) B111.11[Demonstrate the estimation of calcium and phosphorus	Tutorial- EB Hemat- F PY 2.11 revision Clinical-A PY 5.12 Record blood pressure and pulse at rest and in different grades of exercise and postures in volunteer/ simulated environment.

28	Saturday	Anat Cranial cavity AN 30.5 /ophthal Explain effect of pituitary tumours on visual pathway	Anat Orbit AN 31.1 Describe and identify extraoccular muscles of eyeball AN 31.3 /ophthal Describe anatomical basis of Horner's syndrome	Physiology PY 4.5 Describe the source of GIT hormones, their regulation and functions	Anat Orbit AN 31.1 Describe and identify extraoccular muscles of eyeball	EF (Batch) B111.11[Demonstrate the estimation of calcium and phosphorus	Tutorial = D,A Hemat= C PY 2.11 revision Clinical = B PY 5.12 Record blood pressure and pulse at rest and in different grades of exercise and postures in volunteer/ simulated environment.
29	Sunday	-	-	-	-	-	

30	Monday	Anat Head and Neck Joints, histology, development, radiography and surface marking AN 43.2 Identify, describe and draw the micro anatomy of pituitary gland, thyroid, parathyroid, tongue, salivary glands, tonsil, epiglottis, cornea, retina	Physiology/Biochemistry PY 4.7 Describe structure and function of liver and gall bladder	Biochem- SDL B16.3 [Describe the common disorders associated with nucleotide metabolism]	Anat Orbit AN 31.2 Describe and demonstrate nerves and vessels in the orbit	AB(Batch) B111.12[Demonstrate the estimation of serum bilirubin	Tutorial = C,F Hemat= D PY 2.11 revision Clinical = E PY 5.12 Record blood pressure and pulse at rest and in different grades of exercise and postures in volunteer/ simulated environment.

31	Tuesday	Anat Orbit AN 31.4 Enumerate components of lacrimal apparatus	Physiology/Biochemistry (SDL) PY4.8 Describe and discuss gastric function tests, pancreatic exocrine function tests and liver function tests	Anat Orbit AN 31.5 /ophthal Explain the anatomical basis of occulomotor, trochlear and abducent nerve palsy	Anat Orbit AN 31.1 Describe and identify extraoccular muscles of eyeball AN 31.2 Describe and demonstrate nerves and vessels in the orbit	CD (Batch) B111.12[Demonstrate the estimation of serum bilirubin	Tutorial = E,A Hemat= B PY 2.11 revision Clinical = F PY 5.12 Record blood pressure and pulse at rest and in different grades of exercise and postures in volunteer/ simulated environment.

January, 2020

Dates	Day	**8-9am**	**9-10am**	**10-11am**	**11-12:30pm**	12:30-2:30pm	12:30-2:30pm

01	Wednesday	**HOLIDAY**					
2	Thursday	Physiology/General medicine (ECE) PY4.9 Discuss the physiology aspect of :peptic ulcer, gastro-oesophageal reflux disease , vomiting , diarrhea , constipation, adynamic ileus , Hirschsprung's disease	AN 25.5 Describe developmental basis of congenital anomalies, transposition of great vessels, dextrocardia, patent ductus arteriosus and coarctation of aorta	Anat- Anterior Triangle AN32.1- Describe boundary and subdivisions of anterior triangle AN32.2- Describe and demonstrate boundaries and contents of muscular, carotid, digastric and submental triangles	Anat- Anterior Triangle AN32.1- Describe boundary and subdivisions of anterior triangle AN32.2- Describe and demonstrate boundaries and contents of muscular, carotid, digastric and submental triangles	AB(Batch) Topic:	Tutorial = C,F Hemat – E PY 2.11- revision Clinical- D PY 5.12 Record blood pressure and pulse at rest and in different grades of exercise and postures in volunteer/ simulated environment.

3	Friday	Biochem- SDL B16.4 [Discuss the laboratory results of analytes associated with gout & Lesch Nyhan syndrome]	Anat- Skull Osteology AN26.4- Describe morphological features of mandible	Physiology/ General medicine (ECE) PY4.9 Discuss the physiology aspect of :peptic ulcer, gastro-oesophageal reflux disease , vomiting , diarrhea , constipation, adynamic ileus , Hirschsprung's disease	Anat- Anterior Triangle AN32.1- Describe boundary and subdivisions of anterior triangle AN32.2- Describe and demonstrate boundaries and contents of muscular, carotid, digastric and submental triangles	CD (Batch) B111.12[Demonstrate the estimation of serum bilirubin	Tutorial = E ,B Hemat – F PY 2.11- revision Clinical- A PY 5.12 Record blood pressure and pulse at rest and in different grades of exercise and postures in volunteer/ simulated environment.

4	Saturday	Anat- Temporal and infra temporal regions AN33.1- Describe and demonstrate extent, boundaries and contents of temporal and infra temporal fosse	Anat- Temporal and infra temporal regions AN33.2- Describe and demonstrate attachments, direction of fibres, nerve supply and actions of muscles of mastication	Physiology/ General medicine (ECE) PY4.9 Discuss the physiology aspect of :peptic ulcer, gastro-oesophageal reflux disease , vomiting , diarrhea , constipation, adynamic ileus , Hirschsprung's disease	Anat- Temporal and infra temporal regions AN33.1- Describe and demonstrate extent, boundaries and contents of temporal and infra temporal fosse AN33.2/gen surg- Describe and demonstrate attachments, direction of fibres, nerve supply and actions of muscles of mastication	EF (Batch) B111.12[Demonstrate the estimation of serum bilirubin	Tutorial = D,A Hemat – C PY 2.11- revision Clinical- B PY 5.12 Record blood pressure and pulse at rest and in different grades of exercise and postures in volunteer/ simulated environment.
5	Sunday	-	-	-	-	-	

6	Monday	Anat Head and Neck Joints, histology, development, radiography and surface marking AN 43.2 Identify, describe and draw the micro anatomy of pituitary gland, thyroid, parathyroid, tongue, salivary glands, tonsil, epiglottis, cornea, retina	Physiology PY 11.1 Describe and discuss mechanism of temperature regulation	Biochem B16.5[Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency]	Anat- Temporal and infra temporal regions AN33.3- Describe and demonstrate articulating surface, type and movements of temporo mandibular joint	AB(Batch) B111.13[Demonstrate the estimation of serum SGOT/ SGPT	Tutorial = C,F Hemat – D PY 2.11- revision Clinical- E PY 5.12 Record blood pressure and pulse at rest and in different grades of exercise and postures in volunteer/ simulated environment.

7	Tuesday	Anat-Temporal and infra temporal regions AN33.3- Describe and demonstrate articulating surface, type and movements of temporo mandibular joint	PY 11.2 Describe and discuss adaptation of altered temperature (heat and cold)	Anat- Temporal and infra temporal regions AN33.3- Describe and demonstrate articulating surface, type and movements of temporo mandibular joint	Anat- Temporal and infra temporal regions AN33.3- Describe and demonstrate articulating surface, type and movements of temporo mandibular joint	CD (Batch) B111.13[Demonstrate the estimation of serum SGOT/ SGPT	Tutorial = E, A Hemat – B PY 2.11- revision Clinical- F PY 5.12 Record blood pressure and pulse at rest and in different grades of exercise and postures in volunteer/ simulated environment.

8	Wednesday	Biochem B16.5[Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency]	PY11.3 Describe and discuss mechanism of fever, cold injuries and heat stroke	Anat- Temporal and infra temporal regions AN33.4- /gen Surg Explain the clinical significance of pterygoid venous plexus	Anat- Temporal and infra temporal regions AN33.3- Describe and demonstrate articulating surface, type and movements of temporo mandibular joint	EF (Batch) B111.12[Demonstrate the estimation of serum bilirubin	Tutorial = DB Hemat – A PY 2.11- revision Clinical- C PY 5.12 Record blood pressure and pulse at rest and in different grades of exercise and postures in volunteer/ simulated environment.

9	Thursday	Physiology PY11.5 Describe and discuss physiological consequence of sedentary lifestyle	Anat-Head and Neck Joints, histology, development, radiography and surface marking AN43.4- Describe the development and developmental basis of congenital anomalies of face, palate, tongue, branchial apparatus, pituitary gland, thyroid gland and eye	Anat- Temporal and infra temporal regions AN33.5- /gen Surg Describe the features of dislocation of temporo mandibular joint	Anat- Temporal and infra temporal regions AN33.3- Describe and demonstrate articulating surface, type and movements of temporo mandibular joint	AB(Batch) B111.13[Demonstrate the estimation of serum SGOT/ SGPT	Tutorial = C,F Hemat – E PY 2.11- revision Clinical- D PY 5.12 Record blood pressure and pulse at rest and in different grades of exercise and postures in volunteer/ simulated environment.

10	Friday	Biochem B16.5[Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency]	Anat- Submandibular region AN34.1- Describe and demonstrate the morphology, relations and nerve supply of submandibular salivary glands and submandibular ganglion	Physiology / Pediatrics (ECE) PY 11.6 Describe physiology of infancy	Anat- Submandibular region AN34.1- Describe and demonstrate the morphology, relations and nerve supply of submandibular salivary glands and submandibular ganglion	CD (Batch) B111.13[Demonstrate the estimation of serum SGOT/ SGPT	Tutorial = EB Hemat – F PY 2.11- revision Clinical- A PY 5.12 Record blood pressure and pulse at rest and in different grades of exercise and postures in volunteer/ simulated environment.

11	Saturday	Anat- Submandibular region AN34.1- Describe and demonstrate the morphology, relations and nerve supply of submandibular salivary glands and submandibular ganglion	Anat- Submandibular region AN34.2- Describe the basis of formation of submandibular stones	Assessment of GIT in physiology	Anat- Submandibular region AN34.1- Describe and demonstrate the morphology, relations and nerve supply of submandibular salivary glands and submandibular ganglion	EF (Batch) B111.13[Demonstrate the estimation of serum SGOT/ SGPT	Tutorial = DA Hemat – C PY 2.11- revision Clinical- B PY 5.12 Record blood pressure and pulse at rest and in different grades of exercise and postures in volunteer/ simulated environment.
12	Sunday	-	-	-	-	-	
13	Monday	**HOLIDAY**					

14	Tuesday	Anat-Head and Neck Joints, histology, development, radiography and surface marking AN43.3- Identify, describe and draw micro anatomy of olfactory epithelium, eyelid. Lip, sclerocorneal junction, optic nerve, cochlea-organ of court, pineal gland	Physiology PY 7.1 Describe structure and function of kidney	Anat- Deep structures in the neck AN35.1- Describe the parts, extent, attachments, modifications of deep cervical fascia	Anat - Skull osteology AN26.5- Describe features of typical and atypical cervical vertebrae (atlas and axis) AN26.7- Describe the features of the seventh cervical vertebrae	CD (Batch) B111.14[Demonstrate the estimation of alkaline phosphatase	Tutorial = EA Hemat – B PY 2.11- revision Clinical- F PY 5.12 Record blood pressure and pulse at rest and in different grades of exercise and postures in volunteer/ simulated environment.

15	Wednesday	Physiology PY7.2 Describe the structure and function of juxta glomerular apparatus and role of renin angiotensin system	Biochem B16.6[Describe the biochemical processes involved in generation of energy in cells]	Anat- Deep structures in the neck AN35.2- /gen Surg Describe and demonstrate location, parts, borders, surfaces, relations and blood supply of thyroid gland AN35.8/gen surg Describe the anatomically relevant clinical features of thyroid swellings	Anat- Deep structures in the neck AN35.2- Describe and demonstrate location, parts, borders, surfaces, relations and blood supply of thyroid gland	EF (Batch) B111.13[Demonstrate the estimation of serum SGOT/ SGPT	Tutorial = DB Hemat – A PY 2.11- revision Clinical- C PY 5.12 Record blood pressure and pulse at rest and in different grades of exercise and postures in volunteer/ simulated environment.

16	Thursday	Physiology PY 7.3 Describe the mechanism of urine formation involving process of filteration, tubular reabsorption and secretion , concentration and diluting mechanisms.	Anat-Head and Neck Joints, histology, development, radiography and surface marking AN43.4- Describe the development and developmental basis of congenital anomalies of face, palate, tongue, branchial apparatus, pituitary gland, thyroid gland and eye	Anat- Deep structures in the neck AN35.3- Demonstrate and describe the origin, parts, course and branches of subclavian artery	Anat- Deep structures in the neck AN35.2- Describe and demonstrate location, parts, borders, surfaces, relations and blood supply of thyroid gland AN35.3- Demonstrate and describe the origin, parts, course and branches of subclavian artery	AB(Batch) B111.14[Demonstrate the estimation of alkaline phosphatase	Tutorial = C,F Hemat – E PY 2.11- revision Clinical- D PY 5.13 , General Medicine, Record and interpret normal ECG in a volunteer or stimulated environment.

17	Friday	Biochem B16.7[Describe the processes involved in maintenance of normal pH, water & electrolytes balance of body fluids and the derangements associated with these]	Anat- Deep structures in the neck AN35.4- Describe and demonstrate origin, course, relations, tributaries and termination of internal jugular and brachiocephalic veins	Physiology PY 7.3 Describe the mechanism of urine formation involving process of filteration, tubular reabsorption and secretion , concentration and diluting mechanisms.	Anat- Deep structures in the neck AN35.4- Describe and demonstrate origin, course, relations, tributaries and termination of internal jugular and brachiocephalic veins	CD (Batch) B111.14[Demonstrate the estimation of alkaline phosphatase	Tutorial = EB Hemat – F PY 2.11- revision Clinical- A PY 5.13 , General Medicine, Record and interpret normal ECG in a volunteer or stimulated environment.

18	Saturday	Anat- Deep structures in the neck AN35.5-/gen Surg Describe and demonstrate extent, drainage and applied anatomy of cervical lymph nodes	Anat- Deep structures in the neck AN35.8- Describe the anatomically relevant clinical features of thyroid swellings	Physiology PY 7.3 Describe the mechanism of urine formation involving process of filtration, tubular reabsorption and secretion , concentration and diluting mechanisms.	Anat- Deep structures in the neck AN35.5- Describe and demonstrate extent, drainage and applied anatomy of cervical lymph nodes	EF (Batch) B111.14[Demonstrate the estimation of alkaline phosphatase	Tutorial = DA Hemat – C PY 2.11- revision Clinical- B PY 5.13 , General Medicine, Record and interpret normal ECG in a volunteer or stimulated environment.
19	Sunday	-	-	-	-	-	

20	Monday	Anat-Anat-Head and Neck Joints, histology, development, radiography and surface marking AN43.3- Identify, describe and draw micro anatomy of olfactory epithelium, eyelid. Lip, sclerocorneal junction, optic nerve, cochlea-organ of court, pineal gland	Physiology PY7.4 Describe and discuss significance and implication of renal clearance	Biochem B16.7[Describe the processes involved in maintenance of normal pH, water & electrolytes balance of body fluids and the derangements associated with these]	Anat- Deep structures in the neck AN35.6- Describe and demonstrate the extent, formation, relation and branches of cervical sympathetic chain	AB(Batch) B111.14[Demonstrate the estimation of alkaline phosphatase	Tutorial = C,F Hemat – D PY 2.11- revision Clinical- E PY 5.12 Record blood pressure and pulse at rest and in different grades of exercise and postures in volunteer/ simulated environment.

21	Tuesday	Anat- Deep structures in the neck AN35.6- Describe and demonstrate the extent, formation, relation and branches of cervical sympathetic chain	Physiology PY7.5 Describe the renal regulation of fluid and electrolytes and acid –base balance.	Anat- Deep structures in the neck AN35.7- Describe the course and branches of nine, tenth, eleventh and twelfth nerves in the neck	Anat- Deep structures in the neck AN35.6- Describe and demonstrate the extent, formation, relation and branches of cervical sympathetic chain	CD (Batch) B111.15[Describe & discuss the composition of CSF	Tutorial = EA Hemat – B PY 2.11- revision Clinical- F PY 5.12 Record blood pressure and pulse at rest and in different grades of exercise and postures in volunteer/ simulated environment.

22	Wednesday	Biochem B16.8[Discuss and interpret results o f arterial blood gas (ABG)] analysis in various disorders	Physiology PY 7.6 Describe the innervation of urinary bladder , physiology of micturition and its abnormalities.	Anat- Deep structures in the neck AN35.7- Describe the course and branches of nine, tenth, eleventh and twelfth nerves in the neck	Anat- Deep structures in the neck AN35.6- Describe and demonstrate the extent, formation, relation and branches of cervical sympathetic chain	EF (Batch) B111.14[Demonstrate the estimation of alkaline phosphatase	Tutorial = DB Hemat – A PY 2.11- revision Clinical- C PY 5.12 Record blood pressure and pulse at rest and in different grades of exercise and postures in volunteer/ simulated environment.

23	Thursday	Physiology / general medicine (ECE) PY7.7 Describe artificial kidney, dialysis and renal transplantation.	Anat-Head and Neck Joints, histology, development, radiography and surface marking AN43.4- Describe the development and developmental basis of congenital anomalies of face, palate, tongue, branchial apparatus, pituitary gland, thyroid gland and eye	Anat- Deep structures in the neck AN35.9- Describe the clinical features of compression of subclavian artery and lower trunk of brachial plexus by cervical rib	Anat- Deep structures in the ncek AN35.6- Describe and demonstrate the extent, formation, relation and branches of cervical sympathetic chain	AB(Batch) B111.15[Describe & discuss the composition of CSF	Tutorial = C,F Hemat – E PY 2.11- revision Clinical- D PY 5.13 , General Medicine, Record and interpret normal ECG in a volunteer or stimulated environment.

24	Friday	Biochem B16.8[Discuss and interpret results o f arterial blood gas (ABG)] analysis in various disorders	Anat- Deep structures in the neck AN35.9/gen Surg Describe the clinical features of compression of subclavian artery and lower trunk of brachial plexus by cervical rib AN35.10- Describe the fascial spaces of neck	Physiology /Biochemistry PY7.8 Describe and discuss Renal function tests.	Anat- Mouth, Pharynx and Palate AN36.1- Describe the morphology, relations, blood supply and applied anatomy of palatine tonsil and composition of soft palate	CD (Batch) B111.15[Describe & discuss the composition of CSF	Tutorial = EB Hemat – F PY 2.11- revision Clinical- A PY 5.13 , General Medicine, Record and interpret normal ECG in a volunteer or stimulated environment.

25	Saturday	Anat- Mouth, Pharynx and Palate AN36.1- /ENT Describe the morphology, relations, blood supply and applied anatomy of palatine tonsil and composition of soft palate AN36.4- /ENT Describe the anatomical basis of tonsillitis, tonsillectomy, adenoids and peri-tonsillar abcess	Anat- Mouth, Pharynx and Palate AN36.1- /ENT Describe the morphology, relations, blood supply and applied anatomy of palatine tonsil and composition of soft palate	Physiology PY 7.9 Describe cystometry and discuss the normal cystometrogram	Anat- Revision Norma Basalis	EF (Batch) B111.15[Describe & discuss the composition of CSF	Tutorial = DA Hemat – C PY 2.11- revision Clinical- B PY 5.13 , General Medicine, Record and interpret normal ECG in a volunteer or stimulated environment.
26	Sunday	-	-	-	-	-	

27	Monday	Anat- Revision Histology Head and Neck	Physiology – SDL : PY 11.4 Describe and discuss cardio-respiratory and metabolic adjustments during exercise , physical training effects	Biochem B16.9[Describe the functions of various minerals in the body, their metabolism and homeostasis]	Anat- Cavity of nose AN37.1- Describe and demonstrate features of nasal septum, lateral wall of nose, their blood supply and nerve supply	AB(Batch) B111.15[Describe & discuss the composition of CSF	Tutorial = C,F Hemat – D PY 2.11- revision Clinical- E PY 5.13 , General Medicine, Record and interpret normal ECG in a volunteer or stimulated environment.

28	Tuesday	Anat- Mouth, Pharynx and Palate AN36.2- /ENT Describe the components and functions of Waldeyer's lymphatic ring AN36.3-/ENT Describe the boundaries and clinical significance of piriform fossa AN36.5-/ENT Describe the clinical significance of killian's dehiscence	Physiology – SDL : PY 11.4 Describe and discuss cardio-respiratory and metabolic adjustments during exercise , physical training effects	Anat- Cavity of nose AN37.1-/ENT Describe and demonstrate features of nasal septum, lateral wall of nose, their blood supply and nerve supply	Anat- Cavity of nose AN37.1- Describe and demonstrate features of nasal septum, lateral wall of nose, their blood supply and nerve supply	CD (Batch) B111.16[Observe use of commonly used equipments/techniques in biochemistry laboratory including ; pH meter, paper chromatography; Protein electrophoresis; TLC; PAGE;Electrolyte analysis by ISE; ABG analyzer; ELISA; Immunodiffusion; Autoanaltyzer; Qualty Control; DNA isolation from blood/tissue	Tutorial = EA Hemat – B, PY 2.11- revision Clinical- F PY 5.13 , General Medicine, Record and interpret normal ECG in a volunteer or stimulated environment.

29	Wednesday	Physiology (SDL) PY 11.8 Discuss and compare cardio-respiratory changes in exercise (isometric and isotonic) with that in resting state and under different environmental conditions (hot or cold)	Biochem B16.9[Describe the functions of various minerals in the body, their metabolism and homeostasis]	Anat- Cavity of nose AN37.2- /ENT Describe location and functional anatomy of paranasal sinuses AN37.3- Describe anatomical basis of sinusitis, maxillary sinus tumours	Anat- Cavity of nose AN37.1- Describe and demonstrate features of nasal septum, lateral wall of nose, their blood supply and nerve supply	EF (Batch) B111.15[Describe & discuss the composition of CSF	Tutorial = DB Hemat – A PY 2.11- revision Clinical- C PY 5.13 , General Medicine, Record and interpret normal ECG in a volunteer or stimulated environment.

30	Thursday	Physiology (SDL) PY 11.8 Discuss and compare cardio-respiratory changes in exercise (isometric and isotonic) with that in resting state and under different environmental conditions (hot or cold)	Anat-Head and Neck Joints, histology, development, radiography and surface marking AN43.4- Describe the development and developmental basis of congenital anomalies of face, palate, tongue, branchial apparatus, pituitary gland, thyroid gland and eye	Anat- larynx AN38.1-/ENT Describe the morphology, identify structure of the wall, nerve supply, blood supply and actions of intrinsic and extrinsic muscles of the larynx	Anat- larynx AN38.1-/ENT Describe the morphology, identify structure of the wall, nerve supply, blood supply and actions of intrinsic and extrinsic muscles of the larynx	AB(Batch) B111.16[Observe use of commonly used equipments/techniques in biochemistry laboratory including ; pH meter, paper chromatography; Protein electrophoresis; TLC; PAGE;Electrolyte analysis by ISE; ABG analyzer; ELISA; Immunodiffusion; Autoanaltyzer; Qualty Control; DNA isolation from blood/tissue	Tutorial = C,F Hemat – E PY 2.11- revision Clinical- D PY 5.13 , General Medicine, Record and interpret normal ECG in a volunteer or stimulated environment.

31	Friday	Biochem- SDL B16.10[Enumerate and Describe the disorders associated with mineral metabolism]	Anat- larynx AN38.1- /ENT Describe the morphology, identify structure of the wall, nerve supply, blood supply and actions of intrinsic and extrinsic muscles of the larynx AN38.2- /ENT Describe the anatomical aspects of laryngitis AN38.3- /ENT Describe anatomical basis of recurrent laryngeal nerve injury	Physiology Assessment of Integrated physiology of cardio respiratory changes in exercise Assessment of renal Physiology	Anat- larynx AN38.1- /ENT Describe the morphology, identify structure of the wall, nerve supply, blood supply and actions of intrinsic and extrinsic muscles of the larynx	CD (Batch) B111.16[Observe use of commonly used equipments/techniques in biochemistry laboratory including ; pH meter, paper chromatography; Protein electrophoresis; TLC; PAGE;Electrolyte analysis by ISE; ABG analyzer; ELISA; Immunodiffusion; Autoanaltyzer; Qualty Control; DNA isolation from blood/tissue	Tutorial = EB Hemat – F Clinical- A PY 5.13 , General Medicine, Record and interpret normal ECG in a volunteer or stimulated environment.

FEBURARY 2020

DATE	DAY	8:00 am-9: 00 am	9:00 am-10:00 am	10:00 am-11:00 am	11:00 am-12:30 pm	12:30 pm-2:30pm	12:30 pm-2:30pm Physiology Tutorial ,small group discussion, DOAPs
SUMMATIVE ASSESSMENT / SEMESTER EXAMS from 1st February to 12 February							

13	Thursday	Physiology /ENT PY 10.13 Describe and discuss perception of taste sensation. PY 10.14 Describe and discuss patho-physiology of altered taste sensation	Anat- Tongue AN39.1- Describe and demonstrate the morphology, nerve supply, embryological basis of nerve supply, blood supply, lymphatic drainage and actions of extrinsic and intrinsic muscles of tongue	Anat- Tongue AN39.2- /ENT Explain the anatomical basis of hypoglossal nerve palsy	Anat- Tongue AN39.1- Describe and demonstrate the morphology, nerve supply, embryological basis of nerve supply, blood supply, lymphatic drainage and actions of extrinsic and intrinsic muscles of tongue	AB(Batch) B111.16[Observe use of commonly used equipments/techniques in biochemistry laboratory including ; pH meter, paper chromatography; Protein electrophoresis; TLC; PAGE;Electrolyte analysis by ISE; ABG analyzer; ELISA; Immunodiffusion; Autoanaltyzer; Qualty Control; DNA isolation from blood/tissue	Tutorial- C,F Batch – D PY 5.16 /G.Medicine Record arterial pulse tracing using finger plathysmography in a volunteer/simulated environment Clinical – E PY 5.13 , General Medicine, Record and interpret normal ECG in a volunteer or stimulated environment.

14	Friday	Biochem B16.14[Describe the tests that are commonly done in the clinical practice to assess the functions of kidney, liver, thyroid and adrenal glands]	Anat- Organs of hearing and equilibrium AN40.1- /ENT Describe and identify the parts, blood supply and nerve supply of external ear	Physiology /ENT PY10.15 Describe and discuss functional anatomy of ear and auditory pathways and physiology of hearing	Anat- Organs of hearing and equilibrium AN40.1- Describe and identify the parts, blood supply and nerve supply of external ear	CD (Batch) B111.16[Observe use of commonly used equipments/techniques in biochemistry laboratory including ; pH meter, paper chromatography; Protein electrophoresis; TLC; PAGE;Electrolyte analysis by ISE; ABG analyzer; ELISA; Immunodiffusion; Autoanaltyzer; Qualty Control; DNA isolation from blood/tissue	Tutorial- E,A Batch – B PY 5.16 /G.Medicine Record arterial pulse tracing using finger plathysmography in a volunteer/simulated environment Clinical – F PY 5.13 , General Medicine, Record and interpret normal ECG in a volunteer or stimulated environment.

15	Saturday	Anat- Organs of hearing and equilibrium AN40.2- /ENT Describe and demonstrate the boundaries, contents, relations and functional anatomy of middle ear and auditory tube	Anat-Organs of hearing and equilibrium AN40.4/ENT - Explain anatomical basis of otitis externa and otitis media	Physiology /ENT PY10.15 Describe and discuss functional anatomy of ear and auditory pathways and physiology of hearing	Anat- Organs of hearing and equilibrium AN40.2- Describe and demonstrate the boundaries, contents, relations and functional anatomy of middle ear and auditory tube	EF (Batch) B111.16[Observe use of commonly used equipments/techniques in biochemistry laboratory including ; pH meter, paper chromatography; Protein electrophoresis; TLC; PAGE;Electrolyte analysis by ISE; ABG analyzer; ELISA; Immunodiffusion; Autoanaltyzer; Qualty Control; DNA isolation from blood/tissue	Tutorial- D,B Batch – A PY 5.16 /G.Medicine Record arterial pulse tracing using finger plathysmography in a volunteer/simulated environment Clinical – C PY 5.13 , General Medicine, Record and interpret normal ECG in a volunteer or stimulated environment.
16	Sunday	-	-	-	-	-	

17	Monday	Anat- Organs of hearing and equilibrium AN40.3-/ENT Describe the features of internal ear	Physiology /ENT PY10.16 (ECE) Describe and discuss pathophysiology of deafness. Describe hearing tests.	Biochem- SDL B16.15[Describe the abnormalities of kidney, liver, thyroid and adrenal glands]	Anat- Organs of hearing and equilibrium AN40.2- Describe and demonstrate the boundaries, contents, relations and functional anatomy of middle ear and auditory tube	AB(Batch) B111.16[Observe use of commonly used equipments/techniques in biochemistry laboratory including ; pH meter, paper chromatography; Protein electrophoresis; TLC; PAGE;Electrolyte analysis by ISE; ABG analyzer; ELISA; Immunodiffusion; Autoanaltyzer; Qualty Control; DNA isolation from blood/tissue	Tutorial- C,F Batch – E PY 5.16 /G.Medicine Record arterial pulse tracing using finger plathysmography in a volunteer/simulated environment Clinical – D PY 5.14 Observe the cardiovascular autonomic function tests in a volunteer or simulated environment.

18	Tuesday	Anat- Organs of hearing and equilibrium AN40.5-/ENT Explain anatomical basis of myringotomy	Physiology /ENT PY10.16 (ECE) Describe and discuss pathophysiology of deafness. Describe hearing tests.	Anat- Eyeball AN41.1-OPHTHAL Describe and demonstrate parts and layers of eyeball	Anat- Eyeball AN41.1-Describe and demonstrate parts and layers of eyeball	CD (Batch) B111.16[Observe use of commonly used equipments/techniques in biochemistry laboratory including ; pH meter, paper chromatography; Protein electrophoresis; TLC; PAGE;Electrolyte analysis by ISE; ABG analyzer; ELISA; Immunodiffusion; Autoanaltyzer; Qualty Control; DNA isolation from blood/tissue	Tutorial- EB Batch – F PY 5.16 /G.Medicine Record arterial pulse tracing using finger plathysmography in a volunteer/simulated environment Clinical – A PY 5.14 Observe the cardiovascular autonomic function tests in a volunteer or simulated environment.
19	Wednesday	**HOLIDAY**					

20	Thursday	Physiology /Opthalmology PY 10.17 Describe and discuss functional anatomy of eye. Physiology of image formation.	Anat- Eyeball AN41.2- /Ophthal Describe the anatomical aspects of cataract, glaucoma and central retinal artery occlusion	Anat- Eyeball AN41.3- /ophthal Describe the position, nerve supply and actions of intraoccular muscles	Anat- Eyeball AN41.1- Describe and demonstrate parts and layers of eyeball	AB(Batch) B111.16[Observe use of commonly used equipments/techniques in biochemistry laboratory including ; pH meter, paper chromatography; Protein electrophoresis; TLC; PAGE;Electrolyte analysis by ISE; ABG analyzer; ELISA; Immunodiffusion; Autoanaltyzer; Qualty Control; DNA isolation from blood/tissue	Tutorial- CF Batch – D PY 4.10- Demonstrate correct clinical examination of abdomen in normal volunteer or simulated environment. Clinical – E PY 5.14 Observe the cardiovascular autonomic function tests in a volunteer or simulated environment.

21	Friday	Biochem B17.1[Describe the structure and functions of DNA & RNA and outline the cell cycle]	Anat- Back AN42.1- Describe the contents of vertebral canal	Physiology /Opthalmology PY 10.17 Physiology of vision including color vision, color blindness	Anat- Back AN42.1- Describe the contents of vertebral canal	CD (Batch) B111.16[Observe use of commonly used equipments/techniques in biochemistry laboratory including ; pH meter, paper chromatography; Protein electrophoresis; TLC; PAGE;Electrolyte analysis by ISE; ABG analyzer; ELISA; Immunodiffusion; Autoanaltyzer; Qualty Control; DNA isolation from blood/tissue	Tutorial- E,A Batch – B: PY 5.14 Observe the cardiovascular autonomic function tests in a volunteer or simulated environment. Clinical – F PY 5.13 , General Medicine, Record and interpret normal ECG in a volunteer or stimulated environment.

22	Saturday	Anat- Back region AN42.2- Describe and demonstrate the boundaries and contents of sub occipital triangle	Anat- Back region AN42.3- Describe the position, direction of fibers , relations, nerve supply, actions of semispinalis capitis and splenius capitis	Physiology /Opthalmology PY 10.17 Refractive errors, physiology of pupil and light reflex.	Anat- Back AN42.1- Describe the contents of vertebral canal AN42.2- Describe and demonstrate the boundaries and contents of sub occipital triangle	EF (Batch) B111.16[Observe use of commonly used equipments/techniques in biochemistry laboratory including ; pH meter, paper chromatography; Protein electrophoresis; TLC; PAGE;Electrolyte analysis by ISE; ABG analyzer; ELISA; Immunodiffusion; Autoanaltyzer; Qualty Control; DNA isolation from blood/tissue	Tutorial- DB Batch – A PY 4.10- Demonstrate correct clinical examination of abdomen in normal volunteer or simulated environment. Clinical – C PY 5.13 , General Medicine, Record and interpret normal ECG in a volunteer or stimulated environment.
23	Sunday	-	-	-	-	-	

24	Monday	Anat- Head and neck joints, histology, development, radiography and surface marking AN43.1- Describe and demonstrate the movements with muscles producing the movements of Atlanta occipital joint and atlanto axial joint	Physiology (SDL)/Opthalmology PY 10.18 Describe and discuss the physiological basis of lesion in visual pathway	Biochem B17.1[Describe the structure and functions of DNA & RNA and outline the cell cycle]	Anat- Head and neck joints, histology, development, radiography and surface marking AN43.1- Describe and demonstrate the movements with muscles producing the movements of Atlanta occipital joint and atlanto axial joint	AB(Batch) B111.16[Observe use of commonly used equipments/techniques in biochemistry laboratory including ; pH meter, paper chromatography; Protein electrophoresis; TLC; PAGE;Electrolyte analysis by ISE; ABG analyzer; ELISA; Immunodiffusion; Autoanaltyzer; Qualty Control; DNA isolation from blood/tissue	Tutorial- C,F Batch – E PY 4.10- Demonstrate correct clinical examination of abdomen in normal volunteer or simulated environment. Clinical – D PY 5.15 Demonstrate the correct clinical examination of cardiovascular system in a normal volunteer /simulated environment.

25	Tuesday	Anat- Head and neck joints, histology, development, radiography and surface marking AN3.5- Demonstrate- 1.Testing of muscles of facial expression, extra ocular muscles, muscles of mastication 2. Plapation of carotid arteries, facial artery, superficial temporal artery 3. Location of internal nd external jugular veins 4. Location of hyoid bone, thyroid cartilage and cricoid cartilage with their vertebral levels	Physiology /Opthalmology PY 10.19 Describe and discuss auditory and visual evoked potentials.	Anat- Head and neck joints, histology, development, radiography and surface marking AN3.5- /gen Surg Demonstrate- 1.Testing of muscles of facial expression, extra ocular muscles, muscles of mastication 2. Plapation of carotid arteries, facial artery, superficial temporal artery 3. Location of internal nd external jugular veins 4. Location of hyoid bone, thyroid cartilage and cricoid cartilage with their vertebral levels	Anat- Head and neck joints, histology, development, radiography and surface marking AN3.5- Demonstrate- 1.Testing of muscles of facial expression, extra ocular muscles, muscles of mastication 2. Plapation of carotid arteries, facial artery, superficial temporal artery 3. Location of internal nd external jugular veins 4. Location of hyoid bone, thyroid cartilage and	CD (Batch) B111.17[Explain the basis and rationable of biochemical tests done in the following conditions:- Diabetes Mellitus; Dyslipidemia; Myocardial Infraction; Renal Failure, Gout; Proteinuria; Nephrotic Syndrome; edema; Jaundice; Liver diseases, pancreatitis, disorders of] acid-base balance, thyroid disorders]	Tutorial- EB Batch – F : PY 5.15 Demonstrate the correct clinical examination of cardiovascular system in a normal volunteer /simulated environment. Clinical – A PY 5.15 Demonstrate the correct clinical examination of cardiovascular system in a normal volunteer /simulated environment.

					cricoid cartilage with their vertebral levels		

26	Wednesday	Physiology /ENT PY 10.13 Describe and discuss perception of smell. PY 10.14 Describe and discuss patho-physiology of altered smell.	Biochem B17.2[Describe the processes involved in replication & repair of DNA and the transcription & translation mechanisms]	Anat- Head and neck joints, histology, development, radiography and surface marking AN43.6- /gen Surg Demonstrate the 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 and accessory nerve	Anat- Head and neck joints, histology, development, radiography and surface marking AN43.5- Demonstrate- 1.Testing of muscles of facial expression, extra ocular muscles, muscles of mastication 2. Plapation of carotid arteries, facial artery, superficial temporal artery 3. Location of internal nd external jugular veins 4. Location of hyoid bone, thyroid cartilage and	EF (Batch) B111.16[Observe use of commonly used equipments/techniques in biochemistry laboratory including ; pH meter, paper chromatography; Protein electrophoresis; TLC; PAGE;Electrolyte analysis by ISE; ABG analyzer; ELISA; Immunodiffusion; Autoanaltyzer; Qualty Control; DNA isolation from blood/tissue	Tutorial- DA Batch C- PY 5.14 Observe the cardiovascular autonomic function tests in a volunteer or simulated environment. Clinical – B PY 5.13 , General Medicine, Record and interpret normal ECG in a volunteer or stimulated environment.

					cricoid cartilage with their vertebral levels		

27	Thursday	Physiology PY 8.1 Describe the physiology of bone and calcium metabolism	Anat- Head and neck joints, histology, development, radiography and surface marking AN43.8- /Radio Describe the anatomical route used for carotid angiogram and vertebral angiogram	Anat- Head and neck joints, histology, development, radiography and surface marking AN43.9- /Radio Identify anatomical structures n carotid angiogram and vertebral angiogram	Anat- Head and neck joints, histology, development, radiography and surface marking AN43.7- /Radio Identify the anatomical strcutures in 1. Plain X-rays skull 2. A-P and lateral view 3. Plain X-ray cervical spine- AP and lateral view 4. Plain X-ray of paranasal sinuses	AB(Batch) B111.17[Explain the basis and rationable of biochemical tests done in the following conditions:- Diabetes Mellitus; Dyslipidemia; Myocardial Infraction; Renal Failure, Gout; Proteinuria; Nephrotic Syndrome; edema; Jaundice; Liver diseases, pancreatitis, disorders of] acid-base balance, thyroid disorders]	Tutorial- C,F Hemat – D PY2.11- revision Clinical – E PY 5.15 Demonstrate the correct clinical examination of cardiovascular system in a normal volunteer /simulated environment.

28	Friday	Biochem B17.2[Describe the processes involved in replication & repair of DNA and the transcription & translation mechanisms]	Assessment	Physiology PY8.2 Describe the synthesis, secretion , transport ,physiological actions, regulation and effect of altered (hypo and hyper) secretion of Pituitary gland	Assessment	CD (Batch) B111.17[Explain the basis and rationable of biochemical tests done in the following conditions:- Diabetes Mellitus; Dyslipidemia; Myocardial Infraction; Renal Failure, Gout; Proteinuria; Nephrotic Syndrome; edema; Jaundice; Liver diseases, pancreatitis, disorders of] acid-base balance, thyroid disorders]	Tutorial- E,A Batch – B PY 5.15 Demonstrate the correct clinical examination of cardiovascular system in a normal volunteer /simulated environment. Clinical – F PY 5.14 Observe the cardiovascular autonomic function tests in a volunteer or simulated environment.

29	Saturday	Assessment	Assessment	Physiology PY8.2 Describe the synthesis, secretion , transport ,physiological actions, regulation and effect of altered (hypo and hyper) secretion of Pituitary	Assessment	EF (Batch) B111.16[Observe use of commonly used equipments/techniques in biochemistry laboratory including ; pH meter, paper chromatography; Protein electrophoresis; TLC; PAGE;Electrolyte analysis by ISE; ABG analyzer; ELISA; Immunodiffusion; Autoanaltyzer; Qualty Control; DNA isolation from blood/tissue	EF= tutorial Heamat –A PY2.11-revision Clinical C PY 5.15 Demonstrate the correct clinical examination of cardiovascular system in a normal volunteer /simulated environment.

March, 2020

DATE	DAY	**8:00 am to 9:00am**	**9:00am to 10:00 am**	**10:00 am to 11:00 am**	**11:00am to 12:30pm**	**12:30 -2:30 pm**	**12:30-2:30 pm DOAP, Tutorials, Practical, Small group discussions**
01	Sunday	-	-	-	-	-	

2	Monday	Anat Histology and embryology An 52.1 Describe and identify the micro anatomical features of gastrointestinal system: oesophagus, fundus of stomach, pylorus of stomach, duodenum, jejunum, ileum, large intestine, appendix, liver, gall bladder, pancreas and suprarenal gland.	Physiology PY8.2 Describe the synthesis, secretion , transport ,physiological actions, regulation and effect of altered (hypo and hyper) secretion of thyroid	Biochem B17.3[Describe gene mutations and basic mechanism of regulation of gene expression]		AB(Batch) B111.17[Explain the basis and rationable of biochemical tests done in the following conditions:- Diabetes Mellitus; Dyslipidemia; Myocardial Infraction; Renal Failure, Gout; Proteinuria; Nephrotic Syndrome; edema; Jaundice; Liver diseases, pancreatitis, disorders of] acid-base balance, thyroid disorders]	Tutorial – C,F Batch – D PY 10.11/ Anatomy Demonstrate the correct clinical examination of Nervous system : Higher functions, sensory system, motor system, reflexes , cranial nerves in a normal volunteer or simulated environment. Clinical – E PY 10.11/ Anatomy Demonstrate the correct clinical examination of Nervous system : Higher functions, sensory system, motor system, reflexes , cranial nerves in a normal volunteer or simulated environment.

3	Tuesday	Anat Anterior abdominal wall AN 44.1/general Surg Describe and demonstrate the planes (Transpyloric, transtubercular, subcostal, lateral vertical, lines alba, lines semilunaris), regions and quadrants of abdomen.	Physiology PY8.2 Describe the synthesis, secretion , transport ,physiological actions, regulation and effect of altered (hypo and hyper) secretion of thyroid	Anat Anterior abdominal wall AN 44.1/gen Surg Describe and demonstrate the planes (Transpyloric, transtubercular, subcostal, lateral vertical, lines alba, lines semilunaris), regions and quadrants of abdomen.	Anat Anterior abdominal wall AN 44.1 Describe and demonstrate the planes (Transpyloric, transtubercular, subcostal, lateral vertical, lines alba, lines semilunaris), regions and quadrants of abdomen.	CD (Batch) B111.17[Explain the basis and rationable of biochemical tests done in the following conditions:- Diabetes Mellitus; Dyslipidemia; Myocardial Infraction; Renal Failure, Gout; Proteinuria; Nephrotic Syndrome; edema; Jaundice; Liver diseases, pancreatitis, disorders of] acid-base balance, thyroid disorders]	Tutorial – E A Batch –B PY 10.11/ Anatomy Demonstrate the correct clinical examination of Nervous system : Higher functions, sensory system, motor system, reflexes , cranial nerves in a normal volunteer or simulated environment. Clinical – F PY 4.10- Demonstrate correct clinical examination of abdomen in normal volunteer or simulated environment.

4	Wednesday	**HOLIDAY**	EF (Batch) B111.17[Explain the basis and rationable of biochemical tests done in the following conditions:- Diabetes Mellitus; Dyslipidemia; Myocardial Infraction; Renal Failure, Gout; Proteinuria; Nephrotic Syndrome; edema; Jaundice; Liver diseases, pancreatitis, disorders of] acid-base balance, thyroid disorders]	Tutorial – DB Batch–A PY 10.11/ Anatomy Demonstrate the correct clinical examination of Nervous system : Higher functions, sensory system, motor system, reflexes , cranial nerves in a normal volunteer or simulated environment. Clinical –C PY 5.16 /G.Medicine Record arterial pulse tracing using finger plathysmography in a volunteer/simulated environment

5	Thursday	Physiology Assessment of Hearing ,smell , vision and taste sensation	Anat Histology and embryology AN 52.4 Describe the development of anterior abdominal wall.	Anat Anterior abdominal wall AN 44.2 Describe and identify the fascia, nerves and blood vessels of anterior abdominal wall.	Anat Anterior abdominal wall AN 44.2 Describe and identify the fascia, nerves and blood vessels of anterior abdominal wall.	AB(Batch) B111.17[Explain the basis and rationable of biochemical tests done in the following conditions:- Diabetes Mellitus; Dyslipidemia; Myocardial Infraction; Renal Failure, Gout; Proteinuria; Nephrotic Syndrome; edema; Jaundice; Liver diseases, pancreatitis, disorders of] acid-base balance, thyroid disorders]	Tutorial – CF Batch–E PY 10.11/ Anatomy Demonstrate the correct clinical examination of Nervous system : Higher functions, sensory system, motor system, reflexes , cranial nerves in a normal volunteer or simulated environment. Clinical –D PY 10.11/ Anatomy Demonstrate the correct clinical examination of Nervous system : Higher functions, sensory system, motor system, reflexes , cranial nerves in a normal volunteer or simulated environment.

6	Friday	Biochem B17.4 [Describe applications of molecular technologies like recombinant DNA technology, PCR, in the diagnosis and treatment of diseases with genetic basis]	Anat Anterior abdominal wall AN 44.3 Describe the formation of rectus sheath and its contents.	Physiology PY8.2 Describe the synthesis, secretion , transport ,physiological actions, regulation and effect of altered (hypo and hyper) secretion of THYROID GLAND	Anat Anterior abdominal wall AN 44.2 Describe and identify the fascia, nerves and blood vessels of anterior abdominal wall	CD (Batch) B111.17[Explain the basis and rationable of biochemical tests done in the following conditions:- Diabetes Mellitus; Dyslipidemia; Myocardial Infraction; Renal Failure, Gout; Proteinuria; Nephrotic Syndrome; edema; Jaundice; Liver diseases, pancreatitis, disorders of] acid-base balance, thyroid disorders]	Tutorial – EB Batch –F PY 10.11/ Anatomy Demonstrate the correct clinical examination of Nervous system : Higher functions, sensory system, motor system, reflexes , cranial nerves in a normal volunteer or simulated environment. Clinical –A PY 10.11/ Anatomy Demonstrate the correct clinical examination of Nervous system : Higher functions, sensory system, motor system, reflexes , cranial nerves in a normal volunteer or simulated environment.

7	Saturday	Anat Anterior abdominal wall AN 44.4/gen Surg Describe and demonstrate extent, boundaries, contents of inguinal canal including Hesselbach's triangle.	Anat Anterior abdominal wall AN 44.5/gen Surg Explain the anatomical basis of inguinal hernia.	Physiology (ECE) PY8.2 Effect of altered (hypo and hyper) secretion of THYROID GLAND	Anat Anterior abdominal wall AN 44.4 Describe and demonstrate extent, boundaries, contents of inguinal canal including Hesselbach's triangle.	EF (Batch) B111.17[Explain the basis and rationable of biochemical tests done in the following conditions:- Diabetes Mellitus; Dyslipidemia; Myocardial Infraction; Renal Failure, Gout; Proteinuria; Nephrotic Syndrome; edema; Jaundice; Liver diseases, pancreatitis, disorders of] acid-base balance, thyroid disorders]	Tutorial – DA Batch –C PY 4.10- Demonstrate correct clinical examination of abdomen in normal volunteer or simulated environment. Clinical – B PY 10.11/ Anatomy Demonstrate the correct clinical examination of Nervous system : Higher functions, sensory system, motor system, reflexes , cranial nerves in a normal volunteer or simulated environment.

8	Sunday	-	-	-	-	-	

9	Monday	Anat Histology and embryology An 52.1 Describe and identify the micro anatomical features of gastrointestinal system: oesophagus, fundus of stomach, pylorus of stomach, duodenum, jejunum, ileum, large intestine, appendix, liver, gall bladder, pancreas and suprarenal gland.	Physiology PY8.2 Describe the synthesis, secretion , transport ,physiological actions, regulation and effect of altered (hypo and hyper) secretion of Parathyroid Gland	Biochem B17.4 [Describe applications of molecular technologies like recombinant DNA technology, PCR, in the diagnosis and treatment of diseases with genetic basis]	Anat Anterior abdominal wall AN 44.4 Describe and demonstrate extent, boundaries, contents of inguinal canal including Hesselbach's triangle.	AB(Batch) B111.17[Explain the basis and rationable of biochemical tests done in the following conditions:- Diabetes Mellitus; Dyslipidemia; Myocardial Infraction; Renal Failure, Gout; Proteinuria; Nephrotic Syndrome; edema; Jaundice; Liver diseases, pancreatitis, disorders of] acid-base balance, thyroid disorders]	Tutorial – CF Batch–D PY 10.11/ Anatomy Demonstrate the correct clinical examination of Nervous system : Higher functions, sensory system, motor system, reflexes , cranial nerves in a normal volunteer or simulated environment. Clinical –E PY 10.11/ Anatomy Demonstrate the correct clinical examination of Nervous system : Higher functions, sensory system, motor system, reflexes , cranial nerves in a normal volunteer or simulated environment.

10	Tuesday	Anat Anterior abdominal wall AN 44.6gen Surg Describe and demonstrate attachments of muscles of anterior abdominal wall.	Physiology PY8.2 Describe the synthesis, secretion , transport ,physiological actions, regulation and effect of altered (hypo and hyper) secretion of PARATHYROID GLAND	Anat Anterior abdominal wall AN 44.7/gen Surg Enumerate common abdominal incisions.	Anat Anterior abdominal wall AN 44.6 Describe and demonstrate attachments of muscles of anterior abdominal wall.	CD (Batch) B111.17[Explain the basis and rationable of biochemical tests done in the following conditions:- Diabetes Mellitus; Dyslipidemia; Myocardial Infraction; Renal Failure, Gout; Proteinuria; Nephrotic Syndrome; edema; Jaundice; Liver diseases, pancreatitis, disorders of] acid-base balance, thyroid disorders]:	Tutorial – EA Batch –B PY 10.11/ Anatomy Demonstrate the correct clinical examination of Nervous system : Higher functions, sensory system, motor system, reflexes , cranial nerves in a normal volunteer or simulated environment. Clinical –F PY 10.11/ Anatomy Demonstrate the correct clinical examination of Nervous system : Higher functions, sensory system, motor system, reflexes , cranial nerves in a normal volunteer or simulated environment.

11	Wednesday	Biochem B17.5[Describe the role of xenobiotics in disease]	Physiology (ECE) PY8.2 Effect of altered (hypo and hyper) secretion of PARATHYROID GLAND	Anat Posterior abdominal wall AN 45.1 Describe thoracolumbar fascia.	Anat Osteology AN 53.1 Identify and hold the bone in anatomical position. Describe the salient features, articulations and demonstrate the attachments of muscle groups	EF (Batch) B111.17[Explain the basis and rationable of biochemical tests done in the following conditions:- Diabetes Mellitus; Dyslipidemia; Myocardial Infraction; Renal Failure, Gout; Proteinuria; Nephrotic Syndrome; edema; Jaundice; Liver diseases, pancreatitis, disorders of] acid-base balance, thyroid disorders]	Tutorial – DB Batch–A PY 10.11/ Anatomy Demonstrate the correct clinical examination of Nervous system : Higher functions, sensory system, motor system, reflexes , cranial nerves in a normal volunteer or simulated environment. Clinical –C PY 10.11/ Anatomy Demonstrate the correct clinical examination of Nervous system : Higher functions, sensory system, motor system, reflexes , cranial nerves in a normal volunteer or simulated environment.

12	Thursday	Physiology PY8.2 Describe the synthesis, secretion , transport ,physiological actions, regulation and effect of altered (hypo and hyper) secretion of ADRENAL GLAND	Anat Histology and embryology AN 52.5/gen surg Describe the development and congenital anomalies of diaphragm.	Anat Posterior abdominal wall AN45.2- Describe and demonstrate lumbar plexus for its root value, formation and branches	Anat Posterior abdominal wall AN45.2- Describe and demonstrate lumbar plexus for its root value, formation and branches	AB(Batch) B111.17[Explain the basis and rationable of biochemical tests done in the following conditions:- Diabetes Mellitus; Dyslipidemia; Myocardial Infraction; Renal Failure, Gout; Proteinuria; Nephrotic Syndrome; edema; Jaundice; Liver diseases, pancreatitis, disorders of] acid-base balance, thyroid disorders]	Tutorial –ED Batch –C PY 10.11/ Anatomy Demonstrate the correct clinical examination of Nervous system : Higher functions, sensory system, motor system, reflexes , cranial nerves in a normal volunteer or simulated environment. Clinical –F PY 10.11/ Anatomy Demonstrate the correct clinical examination of Nervous system : Higher functions, sensory system, motor system, reflexes , cranial nerves in a normal volunteer or simulated environment.

13	Friday	Biochem B17.6[Describe the ani-oxidant defence systems in the body]	Anat Posterior abdominal wall AN 45.3 Mention the major subgroups of back muscles, nerve supply and action.	Physiology PY8.2 Describe the synthesis, secretion , transport ,physiological actions, regulation and effect of altered (hypo and hyper) secretion of ADRENAL GLAND	Anat Posterior abdominal wall AN45.2 Describe and demonstrate lumbar plexus for its root value, formation and branches	CD (Batch) B111.17[Explain the basis and rationable of biochemical tests done in the following conditions:- Diabetes Mellitus; Dyslipidemia; Myocardial Infraction; Renal Failure, Gout; Proteinuria; Nephrotic Syndrome; edema; Jaundice; Liver diseases, pancreatitis, disorders of] acid-base balance, thyroid disorders]	Tutorial –EB Batch–F PY 10.11/ Anatomy Demonstrate the correct clinical examination of Nervous system : Higher functions, sensory system, motor system, reflexes , cranial nerves in a normal volunteer or simulated environment. Clinical –A PY 10.11/ Anatomy Demonstrate the correct clinical examination of Nervous system : Higher functions, sensory system, motor system, reflexes , cranial nerves in a normal volunteer or simulated environment.

14	Saturday	Anat Male external genitalia AN 46.1/gen Surg Describe and demonstrate coverings, internal structures, side determination, blood supply, nerve supply, lymphatic drainage and descent of testis with its applied anatomy.	Anat Male external genitalia AN 46.2 Describe parts of epididymis. AN 46.3 Describe penis under the following headings: (parts, components, blood supply and lymphatic drainage)	Physiology PY8.2 Describe the synthesis, secretion , transport ,physiological actions, regulation and effect of altered (hypo and hyper) secretion of ADRENAL GLANDS	Anat Male external genitalia AN 46.1 Describe and demonstrate coverings, internal structures, side determination, blood supply, nerve supply, lymphatic drainage and descent of testis with its applied anatomy.AN 46.2 Describe parts of epididymis. AN 46.3 Describe penis under the following headings: (parts, components, blood supply and lymphatic drainage)	EF (Batch) B111.17[Explain the basis and rationable of biochemical tests done in the following conditions:- Diabetes Mellitus; Dyslipidemia; Myocardial Infraction; Renal Failure, Gout; Proteinuria; Nephrotic Syndrome; edema; Jaundice; Liver diseases, pancreatitis, disorders of] acid-base balance, thyroid disorders]	Tutorial – DA Batch– C PY 10.11/ Anatomy Demonstrate the correct clinical examination of Nervous system : Higher functions, sensory system, motor system, reflexes , cranial nerves in a normal volunteer or simulated environment. Clinical –B PY 10.11/ Anatomy Demonstrate the correct clinical examination of Nervous system : Higher functions, sensory system, motor system, reflexes , cranial nerves in a normal volunteer or simulated environment.

15	Sunday	-	-	-	-	-	

16	Monday	Anat Histology and embryology An 52.1 Describe and identify the micro anatomical features of gastrointestinal system: oesophagus, fundus of stomach, pylorus of stomach, duodenum, jejunum, ileum, large intestine, appendix, liver, gall bladder, pancreas and suprarenal gland.	Physiology PY8.2 (ECE) effect of altered (hypo and hyper) secretion of ADRENAL GLANDS	Biochem B17.6[Describe the ani-oxidant defence systems in the body]	Anat Abdominal cavity AN 47.1 Describe and identify boundaries and recesses of lesser and greater sac.	AB(Batch) B111.17[Explain the basis and rationable of biochemical tests done in the following conditions:- Diabetes Mellitus; Dyslipidemia; Myocardial Infraction; Renal Failure, Gout; Proteinuria; Nephrotic Syndrome; edema; Jaundice; Liver diseases, pancreatitis, disorders of] acid-base balance, thyroid disorders]	Tutorial – CF Batch –D PY 10.11/ Anatomy Demonstrate the correct clinical examination of Nervous system : Higher functions, sensory system, motor system, reflexes , cranial nerves in a normal volunteer or simulated environment. Clinical –E PY 10.11/ Anatomy Demonstrate the correct clinical examination of Nervous system : Higher functions, sensory system, motor system, reflexes , cranial nerves in a normal volunteer or simulated environment.

17	Tuesday	Anat Male external genitalia AN46.4/gen Surg Explain the anatomical basis of varicocele.	Physiology PY8.2 Describe the synthesis, secretion , transport ,physiological actions, regulation and effect of altered (hypo and hyper) secretion of PANCREAS	Anat Male external genitalia AN46.5/gen Surg Explain the anatomical basis of phimosis and circumcision.	Anat Abdominal cavity AN 47.1 Describe and identify boundaries and recesses of lesser and greater sac.	CD (Batch) B111.17[Explain the basis and rationable of biochemical tests done in the following conditions:- Diabetes Mellitus; Dyslipidemia; Myocardial Infraction; Renal Failure, Gout; Proteinuria; Nephrotic Syndrome; edema; Jaundice; Liver diseases, pancreatitis, disorders of] acid-base balance, thyroid disorders]	Tutorial – EA Batch – B PY 10.11/ Anatomy Demonstrate the correct clinical examination of Nervous system : Higher functions, sensory system, motor system, reflexes , cranial nerves in a normal volunteer or simulated environment. Clinical –F PY 10.11/ Anatomy Demonstrate the correct clinical examination of Nervous system : Higher functions, sensory system, motor system, reflexes , cranial nerves in a normal volunteer or simulated environment.

18	Wednesday	Physiology PY8.2 Describe the synthesis, secretion , transport ,physiological actions, regulation and effect of altered (hypo and hyper) secretion of PANCREAS	Biochem-SDL B17.7[Describe the role of oxidative stress in the pathogenesis of conditions such as cancer, complications of diabetes mellitus and atherosclerosis]	Anat Abdominal cavity AN 47.1/gen Surg Describe and identify boundaries and recesses of lesser and greater sac.	Anat Abdominal cavity AN 47.2 Name and identify various peritoneal folds and pouches with its explanation.	EF (Batch) B111.17[Explain the basis and rationable of biochemical tests done in the following conditions:- Diabetes Mellitus; Dyslipidemia; Myocardial Infraction; Renal Failure, Gout; Proteinuria; Nephrotic Syndrome; edema; Jaundice; Liver diseases, pancreatitis, disorders of] acid-base balance, thyroid disorders]	Tutorial – DB Batch–A PY 10.11/ Anatomy Demonstrate the correct clinical examination of Nervous system : Higher functions, sensory system, motor system, reflexes , cranial nerves in a normal volunteer or simulated environment. Clinical –C PY 10.11/ Anatomy Demonstrate the correct clinical examination of Nervous system : Higher functions, sensory system, motor system, reflexes , cranial nerves in a normal volunteer or simulated environment.

19	Thursday	Physiology PY8.2 Describe the synthesis, secretion , transport ,physiological actions, regulation and effect of altered (hypo and hyper) secretion of PANCREAS	Anat Histology and embryology AN 52.6/gen surg Describe the development and congenital anomalies of foregut, midgut and hindgut.	Anat Abdominal cavity AN 47.2/gen Surg Name and identify various peritoneal folds and pouches with its explanation.	Anat Abdominal cavity AN 47.2 Name and identify various peritoneal folds and pouches with its explanation.	AB(Batch) B111.17[Explain the basis and rationable of biochemical tests done in the following conditions:- Diabetes Mellitus; Dyslipidemia; Myocardial Infraction; Renal Failure, Gout; Proteinuria; Nephrotic Syndrome; edema; Jaundice; Liver diseases, pancreatitis, disorders of] acid-base balance, thyroid disorders]	Tutorial – CF Batch –E PY 10.11/ Anatomy Demonstrate the correct clinical examination of Nervous system : Higher functions, sensory system, motor system, reflexes , cranial nerves in a normal volunteer or simulated environment. Clinical –D PY 10.11/ Anatomy Demonstrate the correct clinical examination of Nervous system : Higher functions, sensory system, motor system, reflexes , cranial nerves in a normal volunteer or simulated environment.

20	Friday	Biochem B18.1[Discuss the importance of various dietary components and explain importance of dietary fibers]	Anat Abdominal cavity AN 47.3/gen Surg Explain anatomical basis of ascites and peritonitis. AN 47.4/gen Surg Explain anatomical basis of subphrenic abscess.	Physiology PY8.2 Describe the synthesis, secretion , transport ,physiological actions, regulation and effect of altered (hypo and hyper) secretion of PANCREAS	Anat abdominal cavity AN 47.5 Describe and demonstrate major viscera of abdomen under following headings: (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects-Stomach)	CD (Batch) B111.17[Explain the basis and rationable of biochemical tests done in the following conditions:- Diabetes Mellitus; Dyslipidemia; Myocardial Infraction; Renal Failure, Gout; Proteinuria; Nephrotic Syndrome; edema; Jaundice; Liver diseases, pancreatitis, disorders of] acid-base balance, thyroid disorders]	Tutorial – EB Batch –F PY 10.20 Testing of visual acuity and color Clinical –A PY 10.20 testing for smell and taste sensation
21	Saturday	**HOLIDAY**					
22	Sunday	-	-	-	-	-	

23	Monday	Anat Histology and embryology An 52.1 Describe and identify the micro anatomical features of gastrointestinal system: oesophagus, fundus of stomach, pylorus of stomach, duodenum, jejunum, ileum, large intestine, appendix, liver, gall bladder, pancreas and suprarenal gland.	Physiology (ECE) PY8.2 Effect of altered (hypo and hyper) secretion of PANCREAS	Biochem B18.1[Discuss the importance of various dietary components and explain importance of dietary fibers]	Anat abdominal cavity AN 47.5 Describe and demonstrate major viscera of abdomen under following headings: (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects- Stomach)	AB(Batch) B111.17[Explain the basis and rationable of biochemical tests done in the following conditions:- Diabetes Mellitus; Dyslipidemia; Myocardial Infraction; Renal Failure, Gout; Proteinuria; Nephrotic Syndrome; edema; Jaundice; Liver diseases, pancreatitis, disorders of] acid-base balance, thyroid disorders]	Tutorial – EF Batch – C PY 10.11/ Anatomy Demonstrate the correct clinical examination of Nervous system : Higher functions, sensory system, motor system, reflexes , cranial nerves in a normal volunteer or simulated environment. Clinical –D PY 10.20 Testing of visual acuity and color

24	Tuesday	Anat abdominal cavity AN 47.5 Describe and demonstrate major viscera of abdomen under following headings: (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects-Stomach)	Physiology PY8.2 Describe the synthesis, secretion , transport ,physiological actions, regulation and effect of altered (hypo and hyper) secretion of HYPOTHALAMUS	Anat abdominal cavity AN 47.5 Describe and demonstrate major viscera of abdomen under following headings: (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects-Liver)	Anat abdominal cavity AN 47.5 Describe and demonstrate major viscera of abdomen under following headings: (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects-Liver and extra hepatic biliary apparatus)	CD (Batch) B111.17[Explain the basis and rationable of biochemical tests done in the following conditions:- Diabetes Mellitus; Dyslipidemia; Myocardial Infraction; Renal Failure, Gout; Proteinuria; Nephrotic Syndrome; edema; Jaundice; Liver diseases, pancreatitis, disorders of] acid-base balance, thyroid disorders]	Tutorial – EA Batch –B PY 10.20 Testing of visual acuity and color Clinical –F PY 10.20 testing for smell and taste sensation

25	Wednesday	**HOLIDAY**	EF (Batch) B111.17[Explain the basis and rationable of biochemical tests done in the following conditions:- Diabetes Mellitus; Dyslipidemia; Myocardial Infraction; Renal Failure, Gout; Proteinuria; Nephrotic Syndrome; edema; Jaundice; Liver diseases, pancreatitis, disorders of] acid-base balance, thyroid disorders]	Tutorial – DB Batch –A PY 10.20 Testing of visual acuity and color Clinical –C PY 10.20 testing for smell and taste sensation

26	Thursday	PHYSIOLOGY PY 8.3 Describe the physiology of Thymus and Pineal gland	Anat Histology and embryology AN 52.6/gen surg Describe the development and congenital anomalies of foregut, midgut and hindgut.	Anat abdominal cavity AN 47.5 Describe and demonstrate major viscera of abdomen under following headings: (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects of extra hepatic biliary apparatus)	Anat abdominal cavity AN 47.5 Describe and demonstrate major viscera of abdomen under following headings: (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects- Liver and extra hepatic biliary apparatus)	AB(Batch) B111.17[Explain the basis and rationable of biochemical tests done in the following conditions:- Diabetes Mellitus; Dyslipidemia; Myocardial Infraction; Renal Failure, Gout; Proteinuria; Nephrotic Syndrome; edema; Jaundice; Liver diseases, pancreatitis, disorders of] acid-base balance, thyroid disorders]	Tutorial – CF Batch –E PY 10.20 Testing of visual acuity and color Clinical -D PY 10.20 testing for smell and taste sensation

27	Friday	Biochem- SDL B18.2[Describe the types and causes of protein energy malnutrition and its effects]	Anat abdominal cavity AN 47.5 Describe and demonstrate major viscera of abdomen under following headings: (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects- Small and large gut)	Physiology/Biochemistry (SDL /PBL/CBL) PY 8.4 Describe function tests of Thyroid, Adrenal cortex , Adrenal medulla and pancreas.	Anat abdominal cavity AN 47.5 Describe and demonstrate major viscera of abdomen under following headings: (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects- Small and large gut)	CD (Batch) B111.18[Discuss the principles of spectrophotometry]	Tutorial – EB Batch – F PY 10.20 testing field of vision Clinical –A PY 10.20 testing for smell and taste sensation

28	Saturday	Anat abdominal cavity AN 47.9 Describe and identify the origin, course, important relations and branches of abdominal aorta, coeliac trunk, superior mesenteric, inferior mesenteric and common iliac artery.	Anat abdominal cavity AN 47.8 Describe and identify the formation, course, relations and tributaries of portal vein, inferior vena cava and renal vein.	Physiology PY 8.6 Describe and differentiate the mechanism of action of steroid , protein and amine hormone	Anat abdominal cavity AN 47.9 Describe and identify the origin, course, important relations and branches of abdominal aorta, coeliac trunk, superior mesenteric, inferior mesenteric and common iliac artery.	EF (Batch) B111.17[Explain the basis and rationable of biochemical tests done in the following conditions:- Diabetes Mellitus; Dyslipidemia; Myocardial Infraction; Renal Failure, Gout; Proteinuria; Nephrotic Syndrome; edema; Jaundice; Liver diseases, pancreatitis, disorders of] acid-base balance, thyroid disorders]	Tutorial – D A Batch – C PY 10.20 Testing of visual acuity and color Clinical – B PY 10.20 testing for smell and taste sensation
29	Sunday	-	-	-	-	-	

30	Monday	Anat Histology and embryology An 52.1 Describe and identify the micro anatomical features of gastrointestinal system: oesophagus, fundus of stomach, pylorus of stomach, duodenum, jejunum, ileum, large intestine, appendix, liver, gall bladder, pancreas and suprarenal gland.	Physiology PY8.5 Describe the metabolic and endocrine consequences of obesity and metabolic syndrome, Stress response. Outline the psychiatric component of pertaining to metabolic syndrome.	Biochem B18.3[Provide dietary advice for optimal health in childhood and adult in disease conditions like diabetes mellitus, coronary artery disease and in pregnancy]	Anat abdominal cavity AN 47.9 Describe and identify the origin, course, important relations and branches of abdominal aorta, coeliac trunk, superior mesenteric, inferior mesenteric and common iliac artery.	AB(Batch) B111.18[Discuss the principles of spectrophotometry]	Tutorial – CF Batch –D PY 10.20 testing field of vision Clinical –E PY 10.20 testing for smell and taste sensation

31	Tuesday	Anat abdominal cavity AN 47.5/gen Surg Describe and demonstrate major viscera of abdomen under following headings: (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects of Spleen)	Physiology PY8.5 Describe the metabolic and endocrine consequences of obesity and metabolic syndrome, Stress response. Outline the psychiatric component of pertaining to metabolic syndrome.	Anat abdominal cavity AN 47.5/gen Surg Describe and demonstrate major viscera of abdomen under following headings: (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects of pancreas)	Anat abdominal cavity AN 47.5 Describe and demonstrate major viscera of abdomen under following headings: (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects- duodenum, pancreas and spleen)	CD (Batch) B111.19[Outline the basic principle involved in the functioning of instruments commonly used in laboratory and their applications	Tutorial – EB Batch – F PY 10.20 Tests for hearing Clinical – A PY 10.20 testing field of vision

April, 2020

Date	Day		12:30 – 2:30pm Biochemistry DOAPS Practical Tutorials, demonstrations	12:30 – 2:30 pm Physiology DOAPS Practical Tutorials, demonstrations
01	Wednesday	**HOLIDAY**		

2	Thursday	Physiology PY11.12 (SDL) Discuss the physiological effects of meditation	Anat Histology and embryology AN 52.6/gen surg Describe the development and congenital anomalies of foregut, midgut and hindgut.	Anat abdominal cavity AN 47.5 Describe and demonstrate major viscera of abdomen under following headings: (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects of duodenum)	Anat abdominal cavity AN 47.5 Describe and demonstrate major viscera of abdomen under following headings: (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects- duodenum, pancreas and spleen)	AB(Batch) B111.19[Outline the basic principle involved in the functioning of instruments commonly used in laboratory and their applications	Tutorial – CF PY11.9 /Paeds Interpret growth charts Hemat. -D Clinical –E PY 10.20 testing field of vision

3	Friday	Biochem B18.3[Provide dietary advice for optimal health in childhood and adult in disease conditions like diabetes mellitus, coronary artery disease and in pregnancy]	Anat abdominal cavity AN 47.6/gen Surg 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 and lymphatic spread in carcinoma stomachstomach.	PHYSIOLOGY PY-11.7 Describe and discuss physiology of aging ; free radicals and antioxidants	Anat abdominal cavity AN 47.5 Describe and demonstrate major viscera of abdomen under following headings: (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects-duodenum, pancreas and spleen)	CD (Batch) B111.19[Outline the basic principle involved in the functioning of instruments commonly used in laboratory and their applications	Tutorial – EA PY11.9 /Paeds Interpret growth charts Batch. –B PY 10.20 Tests for hearing Clinical –F PY 10.20 testing field of vision

			An 47.7 Mention the clinical importance of Calot's triangle.				

4	Saturday	Anat abdominal cavity AN 47.6/gen surg 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 and lymphatic spread in carcinoma stomach. A	Anat abdominal cavity AN 47.10/gen surg Enumerate the sites of portosystemic anastomosis. AN 47.11/gen surg Explain the anatomic basis of hematemesis and caput medusa in portal hypertension.	Physiology / (ECE) Problem based and case bases discussion of endocrinal diseases	Anat abdominal cavity AN 47.8 Describe and identify the formation, course, relations and tributaries of portal vein, inferior vena cava and renal vein.	EF (Batch) B111.17[Explain the basis and rationable of biochemical tests done in the following conditions:- Diabetes Mellitus; Dyslipidemia; Myocardial Infraction; Renal Failure, Gout; Proteinuria; Nephrotic Syndrome; edema; Jaundice; Liver diseases, pancreatitis, disorders of] acid-base balance, thyroid disorders]	Tutorial – DB PY11.9 /Paeds Interpret growth charts Batch. –A PY 10.20 Tests for hearing Clinical –C PY 10.20 testing field of vision

		An 47.7 Mention the clinical importance of Calot's triangle. abdominal cavity AN 47.6 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 and lymphatic spread in					

		carcinoma stomach. An 47.7 Mention the clinical importance of Calot's triangle.					

5	Sunday	-	-	-	-	-	
6	Monday	AnatAbdominal cavity AN 47.14/gen surg Describe the abnormal openings of thoracoabdominal diaphragm and diaphragmatic hernia.	Physiology / Problem based assessment of endocrinal diseases	Biochem B18.3[Provide dietary advice for optimal health in childhood and adult in disease conditions like diabetes mellitus, coronary artery disease and in pregnancy]	Anat Abdominal cavity AN 47.13 Describe and demonstrate the attachments, openings, nerve supply and action of thoracoabdominal diaphragm.	AB(Batch) B111.19[Outline the basic principle involved in the functioning of instruments commonly used in laboratory and their applications	Tutorial – CF PY 11.10 , Paeds Interpret anthropometric assessment of infants. Hemat. -E Clinical – D PY 10.20 testing field of vision

7	Tuesday	Anat Abdominal cavity AN 47.12 Describe important nerve plexuses of posterior abdominal wall.	Physiology Assessment of endocrine system	Anat Osteology AN 53.2/obs gynae Demonstrate the anatomical position of bony pelvis and show boundaries of pelvic inlet, pelvic cavity, pelvic outlet. AN 53.3 Define true pelvis and false pelvis and demonstrate sex determination in male and female bony pelvis.	Anat abdominal cavity AN 47.13 Describe and demonstrate the attachments, openings, nerve supply and action of thoracoabdominal diaphragm.	CD (Batch) B111.20[Indentify abnormal constituents in urine, interpret the findings and correlate these with pathological states	Tutorial – FB PY11.9 /Paeds Interpret growth charts Batch. –E PY 10.20 Tests for hearing Clinical –A PY 10.20 testing field of vision

8	Wednesday	Physiology/ Anatomy PY- 10.1 Describe and discuss the organization of the nervous system	Biochem- SDL B18.4[Describe the causes (including dietary habits), effects and health risk associated with being overweight/ obesity]	Anat Pelvic wall and viscera AN 48.1 Describe and identify the muscles of pelvic diaphragm.	Anat Osteology AN 53.2 Demonstrate the anatomical position of bony pelvis and show boundaries of pelvic inlet, pelvic cavity, pelvic outlet.	EF (Batch) B111.18[Discuss the principles of spectrophotometry]	Tutorial – D A PY 11.10 , Paeds Interpret anthropometric assessment of infants. Batch –C PY 10.20 Tests for hearing Clinical –B PY 10.20 testing field of vision

9	Thursday	Physiology/ Anatomy PY- 10.2 Describe and discuss the functions and properties of synapse	Anat Histology and embryology AN 52.6/gen surg Describe the development and congenital anomalies of foregut, midgut and hindgut.	Anat Pelvic wall and viscera AN 48.2 Describe and demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important male and female pelvic viscera. (prostate)	Anat Pelvic wall and viscera AN 48.1 Describe and identify the muscles of pelvic diaphragm.	AB(Batch) B111.20[Indentify abnormal constituents in urine, interpret the findings and correlate these with pathological states	Tutorial – CF PY11.9 /Paeds Interpret growth charts Batch . –D PY 10.20 Tests for hearing Clinical –E PY 10.20 testing field of vision

10	Friday	Biochem- SDL B18.5[Summarize the nutritional importance of commonly used items of food including fruits and vegetables (macro-molecules & its importance)]	Anat Pelvic wall and viscera AN 48.2 Describe and demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important male and female pelvic viscera. (Urinary bladder)	Physiology/ Anatomy PY- 10.2 Describe and discuss the functions and properties of synapse	Anat Pelvic wall and viscera AN 48.2 Describe and demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important male and female pelvic viscera. (Urinary bladder and prostate)	CD (Batch) B111.20[Indentify abnormal constituents in urine, interpret the findings and correlate these with pathological states	Tutorial – EA PY11.9 /Paeds Interpret growth charts Batch – B PY 10.20 testing field of vision Clinical – F PY 10.20 Tests for hearing

11	Saturday	Anat Pelvic wall and viscera AN 48.2 Describe and demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important male and female pelvic viscera. (Rectum)	Anat Pelvic wall and viscera AN 48.2 Describe and demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important male and female pelvic viscera. (Anal canal)	Physiology/ Anatomy PY- 10.2 Describe and discuss the functions and properties of synapse	Anat Pelvic wall and viscera AN 48.2 Describe and demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important male and female pelvic viscera. (Rectum and anal canal)	EF (Batch) B111.19[Outline the basic principle involved in the functioning of instruments commonly used in laboratory and their applications	Tutorial – DB PY 11.10 , Paeds Interpret anthropometric assessment of infants. Hemat. –A PY 2.11 DLC Clinical –C PY 10.20 testing field of vision
12	Sunday	-	-	-	-	-	
13	Monday	**HOLIDAY**				:	
14	Tuesday	**HOLIDAY**					

15	Wednesday		Biochem B19.1[List the functions and components of the extracellular matrix (ECM)]	Anat Pelvic wall and viscera AN 48.2 Describe and demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important male and female pelvic viscera. (Uterus)	Anat Pelvic wall and viscera AN 48.2 Describe and demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important male and female pelvic viscera. (Uterus)	EF (Batch) B111.19[Outline the basic principle involved in the functioning of instruments commonly used in laboratory and their applications	Tutorial – DB PY 11.10 , Paeds Interpret anthropometric assessment of infants. Hemat. –A PY2.11 2.11 revision Clinical –C PY 10.16 revision

16	Thursday	Physiology PY- 10.2 Describe and discuss the functions and properties of Reflex	Anat Histology and embryology AN 52.7/gen surg Describe the development of urinary system.	Anat Pelvic wall and viscera AN 48.2 Describe and demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important male and female pelvic viscera. (Uterus)	Anat Pelvic wall and viscera AN 48.2 Describe and demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important male and female pelvic viscera. (Uterus)	AB(Batch) B111.20[Indentify abnormal constituents in urine, interpret the findings and correlate these with pathological states	Tutorial – CF PY 11.10 , Paeds Interpret anthropometric assessment of infants. Hemat. –E Revision PY 2.11 Clinical –D Revision PY10.11 (Hematology revision of PY2.11 and Clinical revision of PY 10.11)
17	Friday	**HOLIDAY**					

18	Saturday	Anat Pelvic wall and viscera AN 48.2 Describe and demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important male and female pelvic viscera. (Uterine tubes and ovaries)	Anat Pelvic wall and viscera AN 48.3 Describe and demonstrate the origin, course, important relations and branches of internal iliac artery. AN 48.4 Describe the branches of sacral plexus.	Physiology PY- 10.2 Describe and discuss the functions and properties of Reflex	Anat Pelvic wall and viscera AN 48.2 Describe and demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important male and female pelvic viscera. (Uterine tubes and ovaries)	EF (Batch) B111.20[Indentify abnormal constituents in urine, interpret the findings and correlate these with pathological states	Tutorial – DA PY 11.10 , Paeds Interpret anthropometric assessment of infants. Hemat. -C Clinical –B (Hematology revision of PY2.11 and Clinical revision of PY 10.11)
19	Sunday	**HOLIDAY**	-	-	-	-	

20	Monday	Anat Histology and embryology AN 52.2 Describe and identify the micro anatomical features of urinary system: Kidney, ureters and urinary bladder.	Physiology PY- 10.2 Describe and discuss the functions and properties of Reflex	Biochem B19.2[Discuss the involvement of ECM components in health and diseases]	Anat Perineum AN 49.1 Describe and demonstrate the superficial and deep perineal pouch, boundaries and contents.	AB(Batch) B111.21[Demonstrate estimation of glucose, creatinine, urea and total protein in serum]	Tutorial – CF PY 11.10 , Paeds Interpret anthropometric assessment of infants. Hemat. -D Clinical –E (Hematology revision of PY2.11 and Clinical revision of PY 10.11)

21	Tuesday	Anat Perineum AN 49.1 Describe and demonstrate the superficial and deep perineal pouch, boundaries and contents.	Physiology PY- 10.2 Describe and discuss the functions and properties of Receptor	Anat Pelvic wall and viscera AN 48.5/gen surg Explain the anatomical basis of suprapubis cystostomy, urinary obstruction in benign prostatic hypertrophy, retroverted uterus, prolapse uterus, internal and external haemorrhoids, anal fistula, vasectomy, tubal pregnancy and tubal ligation.	Anat Perineum AN 49.1 Describe and demonstrate the superficial and deep perineal pouch, boundaries and contents.	CD (Batch) B111.21[Demonstrate estimation of glucose, creatinine, urea and total protein in serum]	Tutorial – EB PY 11.10 , Paeds Interpret anthropometric assessment of infants. Hemat. -A Clinical –F (Hematology revision of PY2.11 and Clinical revision of PY 10.11)

22	Wednesday	Physiology PY- 10.2 Describe and discuss the functions and properties of Receptor	Biochem B19.2[Discuss the involvement of ECM components in health and diseases]	Anat Pelvic wall and viscera AN 48.5 Explain the anatomical basis of suprapubis cystostomy, urinary obstruction in benign prostatic hypertrophy, retroverted uterus, prolapse uterus, internal and external haemorrhoids, anal fistula, vasectomy, tubal pregnancy and tubal ligation.AN 48.8/ obs.gynae Mention the structures palpable during vaginal and rectal examination.	Anat Perineum AN 49.2 Describe and identify perineal body. AN 49.3 Describe and demonstrate perineal membrane in male and females.	EF (Batch) B111.20[Indentify abnormal constituents in urine, interpret the findings and correlate these with pathological states	Tutorial -DB PY11.9 /Paeds Interpret growth charts Hemat. -A Clinical –C (Hematology revision of PY2.11 and Clinical revision of PY 10.11)

23	Thursday	Physiology PY- 10.2 Describe and discuss the functions and properties of Receptors	Anat Histology and embryology AN 52.7/gen surg Describe the development of urinary system.	Anat Perineum AN 49.5 Explain the anatomical basis of perineal tear, episiotomy, perianal abscess and anal fissure.	Anat Perineum AN 49.2 Describe and identify perineal body. AN 49.3 Describe and demonstrate perineal membrane in male and females.	AB(Batch) B111.21[Demonstrate estimation of glucose, creatinine, urea and total protein in serum]	Tutorial – CF Psychiatry PY 10.12 Identify normal EEG forms Hemat. -D Clinical –E (Hematology revision of PY2.11 and Clinical revision of PY 10.11)

24	Friday	Biochem B110.1[Describe the cancer initiation, promotion oncogenes & oncogene activation also focus on p53 &apoptosis]	Anat pelvic wall and viscera AN 48.6/gen surg Describe the neurological basis of automatic bladder. An 48.7/gen surg Mention the lobes involved in benign prostatic hypertrophy and prostatic cancer.	Physiology/ Anatomy PY- 10.3 Describe and discuss somatic sensations and sensory tracts	Anat Perineum AN 49.4 Describe and demonstrate boundaries, contents and applied anatomy of ischiorectal fossa.	CD (Batch) B111.21[Demonstrate estimation of glucose, creatinine, urea and total protein in serum]	Tutorial – EA Psychiatry PY 10.12 Identify normal EEG forms Hemat. -B Clinical –F (Hematology revision of PY2.11 and Clinical revision of PY 10.11)

25	Saturday	Anat Perineum AN 49.4 Describe and demonstrate boundaries, contents and applied anatomy of ischiorectal fossa.	Anat Vertebral column AN 50.1 Describe the curvatures of the vertebral column. AN 50.3/gen med Describe lumbar puncture (Site, direction of the needle, structures pierced during lumbar puncture.)	Physiology/ Anatomy PY- 10.3 Describe and discuss somatic sensations and sensory tracts	Anat Perineum AN 49.4 Describe and demonstrate boundaries, contents and applied anatomy of ischiorectal fossa.	EF (Batch) B111.21[Demonstrate estimation of glucose, creatinine, urea and total protein in serum]	Tutorial – DB Psychiatry PY 10.12 Identify normal EEG forms Hemat. -A Clinical –C (Hematology revision of PY2.11 and Clinical revision of PY 10.11)
26	Sunday	-	-	-	-	-	

27	Monday	Anat Histology and embryology AN 52.2 Describe and identify the micro anatomical features of male reproductive system: Testis, epididmis, vas deferens, prostate and penis.	Physiology/ Anatomy PY- 10.4 Describe and discuss motor tracts	Biochem B110.1[Describe the cancer initiation, promotion oncogenes & oncogene activation also focus on p53 &apoptosis]	Anat Vertebral column AN 50.2 Describe and demonstrate the types, articular ends, ligaments and movements of intervertebral joints, sacroiliac joints and pubic symphysis.	AB(Batch) B111.21[Demonstrate estimation of glucose, creatinine, urea and total protein in serum]	Tutorial – CF Psychiatry PY 10.12 Identify normal EEG forms Hemat. -E Clinical –D (Hematology revision of PY2.11 and Clinical revision of PY 10.11)

28	Tuesday	Anat Vertebral column AN 50.2 Describe and demonstrate the types, articular ends, ligaments and movements of intervertebral joints, sacroiliac joints and pubic symphysis.	Physiology/ Anatomy PY- 10.4 Describe and discuss motor tracts	Anat Osteology AN 53.4 Explain and demonstrate clinical importance of bones of abdominopelvic region (Sacralization of lumbar vertebra, lumbarisation of first sacral vertebra, types of bony pelvis and coccyx)	Anat Osteology AN 53.4 Explain and demonstrate clinical importance of bones of abdominopelvic region (Sacralization of lumbar vertebra, lumbarisation of first sacral vertebra, types of bony pelvis and coccyx)	CD (Batch) B111.21[Demonstrate estimation of glucose, creatinine, urea and total protein in serum]	Tutorial – EB Psychiatry PY 10.12 Identify normal EEG forms Hemat. -F Clinical –A (Hematology revision of PY2.11 and Clinical revision of PY 10.11)

29	Wednesday	Biochem B110.2[Describe various biochemical tumor markers and the biochemical basis of cancer therapy	Physiology/ Anatomy PY- 10.4 Describe and discuss mechanism of maintenance of tone, control of body movements	Anat Vertebral column AN 50.4/ortho Explain the anatomical basis of scoliosis, lordosis, prolapsed disc, spondylolisthesis and spina bifida.	Anat Sectional anatomy AN 51.1 Describe and identify the cross section at the level of T8, T10 and L1 (Transpyloric plane)	EF (Batch) B111.21[Demonstrate estimation of glucose, creatinine, urea and total protein in serum]	Tutorial – DA Psychiatry PY 10.12 Identify normal EEG forms Hemat. -C Clinical –B (Hematology revision of PY2.11 and Clinical revision of PY 10.11)
30	Thursday	Physiology/ Anatomy PY- 10.4 Describe and discuss mechanism of maintenance of tone, control of body movements	Anat Histology and embryology AN 52.7/gen surg Describe the development of urinary system.	Anat Sectional anatomy AN 51.1/radio Describe and identify the cross section at the level of T8, T10 and L1 (Transpyloric plane)		AB(Batch) B111.21[Demonstrate estimation of glucose, creatinine, urea and total protein in serum]	Tutorial – CF Psychiatry PY 10.12 Identify normal EEG forms Hemat. -D Clinical –E (Hematology revision of PY2.11 and Clinical revision of PY 10.11)

May, 2020

DATE	DAY	8:00-9:00am	9:00-10:00am	10:00-11:00am	11:00-12:30 pm	12:30 -2:30 pm Biochemistry DOAPS Practical Tutorials, demonstrations	12:30-2:30pm Physiology DOAPS Practical Tutorials, demonstrations

01	Friday	Biochem B110.3[Describe the cellular and humoral components of the immune system & describe the types and structure of antibody]	Anat Radiodiagnosis AN 54.1/radio Describe and identify features of plain X-ray abdomen. AN 54.2/radio Describe and identify the special radiographs of abdominopelvic region (Contrast X-ray, barium swallow, barium meal, barium enema, cholecystography, intravenous pyelography and hysterosalpingography	Physiology/ Anatomy PY- 10.4 Describe and discuss mechanism of maintenance of tone, control of body movements	Anat Radiodragnosis AN 54.1 Describe and identify features of plain X-ray abdomen. AN 54.2 Describe and identify the special radiographs of abdominopelvic region (Contrast X-ray, barium swallow, barium meal, barium enema, cholecystography, intravenous pyelography and hysterosalpingography)	CD (Batch) B111.21[Demonstrate estimation of glucose, creatinine, urea and total protein in serum]	Tutorial –EA Hemat- B Clinical –F Revision according to feedback

2	Saturday	Anat Radiodragnosis AN 54.3/radio Describe the role of ERCP, CT abdomen, MRI, Arteriography in radiodragnosis of abdomen.	Anat Surface marking AN 55.1/gen surg s Demonstrate the surface marking of: regions and planes of abdomen, superficial inguinal ring, deep inguinal ring, McBurney's point, renal angle and Murphy's point. AN 55.2/gen surg Demonstrate the surface projections of: stomach, liver, fundus of gall bladder,	Physiology/ Anatomy PY- 10.4 Describe and discuss mechanism of maintenance of posture and equilibrium and vestibular apparatus	Anat Radiodiagnosis AN 54.3 Describe the role of ERCP, CT abdomen, MRI, Arteriography in radiodragnosis of abdomen.	EF (Batch) B111.21[Demonstrate estimation of glucose, creatinine, urea and total protein in serum]	Tutorial – DB Hemat- A Clinical – C Revision according to feedback

			spleen, duodenum, pancreas, ileoceacal junction, kidneys and root of mesentery.				

3	Sunday	-	-	-	-	-	
4	Monday	Anat Histology and embryology AN 52.2 Describe and identify the micro anatomical features of female reproductive system: ovary uterus, uterine tubes, cervix, placenta and umbilical cord.	Physiology Anatomy PY- 10.4 Describe and discuss mechanism of maintenance of posture and equilibrium and vestibular apparatus	Biochem B110.3[Describe the cellular and humoral components of the immune system & describe the types and structure of antibody]	Anat Surface marking of regions and planes of abdomen, superficial inguinal ring, deep inguinal ring,mc burney's , renal angle and murphy' s point AN 55.2 Demonstrate the surface projections of stomach, liver,fundus of gall bladder, spleen, duodenum, pancreas, iliocaecal junction, kidney and root of mesentery	AB(Batch) B111.21[Demonstrate estimation of glucose, creatinine, urea and total protein in serum]	Tutorial –CF Hemat- E Clinical –D Revision according to feedback

5	Tuesday	Anat Revision	Physiology Anatomy PY- 10.4 Describe and discuss mechanism of maintenance of posture and equilibrium and vestibular apparatus	Anat Revision	Anat Revision	CD (Batch) B111.21[Demonstrate estimation of glucose, creatinine, urea and total protein in serum]	Tutorial – EB Hemat- C Clinical –B Revision according to feedback
6	Wednesday	Physiology/ Anatomy PY- 10.4 Describe and discuss mechanism of maintenance of posture and equilibrium and vestibular apparatus	Biochem B110.4[Describe & discuss innate and adaptive immune responses, self/ non self recognition and the central role of T-helper cells in immune responses]	Anat Revision	Anat Revision	EF (Batch) B111.21[Demonstrate estimation of glucose, creatinine, urea and total protein in serum]	Tutorial –DA Hemat- C Clinical – B Revision according to feedback

7	Thursday	Physiology/ Anatomy PY10.5 Describe and discuss structure and function of reticular activating system , Autonomic nervous system	Anat Assessment	Anat Assessment	Anat Assessment	AB(Batch) B111.21[Demonstrate estimation of glucose, creatinine, urea and total protein in serum]	Tutorial – CF Hemat- D Clinical – E Revision according to feedback
8	Friday	Biochem B110.4[Describe & discuss innate and adaptive immune responses, self/ non self recognition and the central role of T-helper cells in immune responses]	Anat Revision	Physiology/ Anatomy PY10.5 Describe and discuss structure and function of reticular activating system , Autonomic nervous system	Anat Revision	CD (Batch) B111.21[Demonstrate estimation of glucose, creatinine, urea and total protein in serum]	Tutorial – EA Hemat- B Clinical –F Revision according to feedback

9	Saturday	Anat Assessment.	Anat Assessment.	Physiology/ Anatomy PY10.5 Describe and discuss structure and function of reticular activating system , Autonomic nervous system	Anat Assessment.	EF (Batch) B111.21[Demonstrate estimation of glucose, creatinine, urea and total protein in serum]	Tutorial – DB Hemat- A Clinical – C Revision according to feedback
10	Sunday	-	-	-	-	-	

11	Monday	Anat Histology and embryology AN 52.3 Describe and identify the micro anatomical features of cardioesophageal junction, corpus luteum.	Physiology/ Anatomy PY10.5 Describe and discuss structure and function of reticular activating system , Autonomic nervous system	Biochem- SDL B110.5[Describe antigens and concepts involved in vaccine development]	Anat Meninges and CSF AN 56.1 Describe and identify various layers of meninges withers extent and modifications. AN 56.2 Describe circulation of CSF with its applied anatomy.	AB(Batch) B111.21[Demonstrate estimation of glucose, creatinine, urea and total protein in serum]	Tutorial – CF Hemat- E Clinical – D Revision according to feedback
12	Tuesday	**HOLIDAY**					

13	Wednesday	Biochem Topic:revision	Physiology/ Anatomy PY10.5 Describe and discuss structure and function of reticular activating system , Autonomic nervous system	Anat Meninges and CSF AN 56.1/gen medicine Describe and identify various layers of meninges withers extent and modifications. AN 56.2/gen med Describe circulation of CSF with its applied anatomy.	Anat Meninges and CSF AN 56.1 Describe and identify various layers of meninges withers extent and modifications. AN 56.2 Describe circulation of CSF with its applied anatomy.	EF (Batch) B111.21[Demonstrate estimation of glucose, creatinine, urea and total protein in serum]	Tutorial – DA Hemat- C Clinical – B Revision according to feedback

14	Thursday	Physiology Anatomy (ECE) (SDL) PY 11.11 Discuss the concept , criteria for diagnosis of brain death and its implication.	Anat Histology and embryology AN 52.7 Describe the development of urinary system.	Anat Spinal cord AN 57.1 Identify external features of spinal cord. AN 57.2 Describe extent of spinal cord in child and adult with its clinical implication	Anat Spinal cord AN 57.1 Identify external features of spinal cord.	AB(Batch) B111.21[Demonstrate estimation of glucose, creatinine, urea and total protein in serum]	Tutorial – CF Hemat- D Clinical – E Revision according to feedback
15	Friday	Biochem Topic:revision	Anat Spinal cord AN 57.1 Identify external features of spinal cord. AN 57.2 Describe extent of spinal cord in child and adult with its clinical implication	Physiology Anatomy PY 10.6 Describe and discuss spinal cord, its functions , lesions and sensory disturbances.	Anat Spinal cord AN 57.1 Identify external features of spinal cord. AN 57.2 Describe extent of spinal cord in child and adult with its clinical implication	CD (Batch) B111.21[Demonstrate estimation of glucose, creatinine, urea and total protein in serum]	Tutorial – EA Hemat- B Clinical - F Revision according to feedback

16	Saturday	Anat Spinal cord AN 57.3 Draw and label transverse section of spinal cord at mid cervical and mid thoracic level.	Anat Spinal cord AN 57.4 Enumerate ascending and descending tract at mid thoracic level of spinal cord.	Physiology Anatomy PY 10.6 Describe and discuss spinal cord, its functions , lesions and sensory disturbances.	Anat Spinal cord AN 57.1 Identify external features of spinal cord. AN 57.2 Describe extent of spinal cord in child and adult with its clinical implication	EF (Batch) B111.21[Demonstrate estimation of glucose, creatinine, urea and total protein in serum]	Tutorial – DB Hemat- A Clinical – C Revision according to feedback
17	Sunday	-	-	-	-	-	

18	Monday	Anat Histology and embryology AN 64.1 Describe and identify the micro anatomical features of spinal cord, cerebellum and cerebrum	Physiology/Anatomy PY 10.6 Describe and discuss spinal cord, its functions , lesions and sensory disturbances.	Biochem Topic: Revision	Anat Cranial nerve nuclei and cerebral hemispheres. AN 62.6 Describe and identify formation, branches and major areas of distribution of circle of willis.	AB(Batch) B111.22[Calculate Albumin: Globulin (A:G) ratio and creatinine clearance]	Tutorial – CF Hemat- E Clinical – D Revision according to feedback

19	Tuesday	Anat Cranial nerve nuclei and cerebral hemispheres. AN 62.6 Describe and identify formation, branches and major areas of distribution of circle of willis.	Physiology/Anatomy PY 10.6 Describe and discuss spinal cord, its functions , lesions and sensory disturbances.	Anat Spinal cord AN 57.4/gen med Enumerate ascending and descending tract at mid thoracic level of spinal cord.	Anat Cranial nerve nuclei and cerebral hemispheres. AN 62.6 Describe and identify formation, branches and major areas of distribution of circle of willis.	CD (Batch) B111.22[Calculate Albumin: Globulin (A:G) ratio and creatinine clearance]	Tutorial – EB Hemat- F Clinical – A Revision according to feedback

20	Wednesday	Biochem Topic:Revision	Physiology/ Human Anatomy PY 10.7 Describe and discuss functions and abnormalities of cerebral cortex	Anat Spinal cord AN 57.4 Enumerate ascending and descending tract at mid thoracic level of spinal cord.	Anat Medulla oblongata. AN 58.1 Identify external features of medulla oblongata.	EF (Batch) B111.21[Demonstrate estimation of glucose, creatinine, urea and total protein in serum]	Tutorial – DA Hemat- C Clinical – B Revision according to feedback

21	Thursday	Physiology/ Human Anatomy PY 10.7 Describe and discuss functions and abnormalities of cerebral cortex	Anat Histology and embryology AN 52.8/obs gynae Describe the development of male and female reproductive system.	Anat Histology and embryology AN 64.2 Describe the development of neural tube, spinal cord, medulla oblongata, pons, midbrain, cerebral hemisphere and cerebellum.	Anat Medulla oblongata. AN 58.1 Identify external features of medulla oblongata.	AB(Batch) B111.22[Calculate Albumin: Globulin (A:G) ratio and creatinine clearance]	Tutorial –CF Hemat- D Clinical – E Revision according to feedback

22	Friday	Biochem Topic: Revision	Anat Spinal cord AN 57.4 Enumerate ascending and descending tract at mid thoracic level of spinal cord. AN 57.5/gen med Describe anatomical basis of syringomyelia.	Physiology/ Human Anatomy PY 10.7 Describe and discuss functions and abnormalities of Basal Ganglia	Anat Medulla oblongata. AN 58.1 Identify external features of medulla oblongata.	CD (Batch) B111.22[Calculate Albumin: Globulin (A:G) ratio and creatinine clearance]	Tutorial – EA Hemat- B Clinical –F Revision according to feedback

23	Saturday	Anat Medulla oblongata. AN 58.1 Identify external features of medulla oblongata.	Anat Medulla oblongata. AN 58.2 Describe transverse section of medulla oblongata at the level of 1)pyramidal decussation 2) sensory decussation. 3) ION. AN 58.3 Enumerate cranial nerve nuclei in medulla oblongata with their functional group.	Physiology/ Human Anatomy PY 10.7 Describe and discuss functions and abnormalities of Basal Ganglia	Anat Medulla oblongata. AN 58.1 Identify external features of medulla oblongata.	EF (Batch) B111.22[Calculate Albumin: Globulin (A:G) ratio and creatinine clearance]	Tutorial – DB Hemat- A Clinical – C Revision according to feedback

24	Sunday	-	-	-	-	-	
25	Monday	Anat Medulla oblongata. AN 58.4/gen med Describe anatomical basis and effects of medial and lateral medullary syndrome.	Physiology/ Human Anatomy PY 10.7 Describe and discuss functions and abnormalities of Basal Ganglia	Biochem Topic: Revision	Anat Pons AN 59.1 Identify external features of pons	AB(Batch) B111.23[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]	Tutorial – C F Hemat- E Clinical – D Revision according to feedback

26	Tuesday	Anat Pons AN 59.1 Identify external features of pons. AN 59.2 Draw and label transverse section of pons at the upper and lower level. AN 59.3 Enumerate cranial nerve nuclei in pons with their functional group	Physiology/ Human Anatomy PY 10.7 Describe and discuss functions and abnormalities of Basal Ganglia	Anat Pons AN 59.1 Identify external features of pons. AN 59.2 Draw and label transverse section of pons at the upper and lower level. AN 59.3 Enumerate cranial nerve nuclei in pons with their functional group.	Anat Pons AN 59.1 Identify external features of pons.	CD (Batch) B111.23[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]	Tutorial –EB Hemat- F Clinical –A Revision according to feedback

27	Wednesday	Biochem Topic:	Physiology/ Human Anatomy PY 10.7 Describe and discuss functions and abnormalities of Thalamus	Anat Cerebellum AN 60.1 Describe and demonstrate external and internal features of cerebellum.	Anat Cerebellum AN 60.1 Describe and demonstrate external and internal features of cerebellum.	EF (Batch) B111.22[Calculate Albumin: Globulin (A:G) ratio and creatinine clearance]	Tutorial –DA Hemat- C Clinical –B Revision according to feedback
28	Thursday	Physiology/ Human Anatomy PY 10.7 Describe and discuss functions and abnormalities of Thalamus	Anat Histology and embryology AN 52.8 Describe the development of male and female reproductive system.	Anat Histology and embryology AN 64.2 Describe the development of neural tube, spinal cord, medulla oblongata, pons, midbrain, cerebral hemisphere	Anat Cerebellum AN 60.1 Describe and demonstrate external and internal features of cerebellum.	AB(Batch) B111.23[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]	Tutorial – CF Hemat- D Clinical –E Revision according to feedback

				and cerebellum.			
29	Friday	Biochem Topic:Revision	Anat Cerebellum AN 60.2 Describe connections of cerebellar cortex and intracerebellar nuclei.	Physiology/ Human Anatomy PY 10.7 Describe and discuss functions and abnormalities of Hypothalamus	Anat Cerebellum AN 60.1 Describe and demonstrate external and internal features of cerebellum.	CD (Batch) B111.23[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]	Tutorial – EA Hemat- B Clinical –F Revision according to feedback

30	Saturday	Anat Cerebellum AN 60.3 Describe anatomical basis of cerebellar dysfunction.	Anat Ventricular system AN 63.1 Describe and demonstrate parts, boundaries and features of third, fourth and lateral ventricle. (Fourth ventricle)	Physiology/ Human Anatomy PY 10.7 Describe and discuss functions and abnormalities of Hypothalamus	Anat Ventricular system AN 63.1 Describe and demonstrate parts, boundaries and features of third, fourth and lateral ventricle. (Fourth ventricle)	EF (Batch) B111.23[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]	Tutorial –DB Hemat- A Clinical -C Revision according to feedback
31	Sunday	-	-	-	-	-	

JUNE. 2020

DATE	DAY	8:00-9:00am	9:00-10:00am	10:00-11:00am	11:00-12:30 pm	12:30 -2:30pm Biochemistry DOAPS Practical Tutorials, demonstrations	12:30-2:30 pm Physiology DOAPS Practical Tutorials, demonstrations
1	Monday	Anat Midbrain. AN 61.1 Identify external and internal features of midbrain. AN 61.2 Describe internal features of midbrain at the level of superior and inferior colliculus.	Physiology/ Human Anatomy PY 10.7 Describe and discuss functions and abnormalities of cerebellum	Biochem Topic: Revision	Anat Midbrain. AN 61.1 Identify external and internal features of midbrain.	AB(Batch) B111.24[Enumerate advantages and /or disadvantages of use of unsaturated, saturated and trans fats in food]	Tutorial –CF Hemat. –E Clinical – D revision based on feedback
2	Tuesday	Anat Ventricular system AN 63.1 Describe and demonstrate parts, boundaries and features of third, fourth and lateral	Physiology/ Human Anatomy PY 10.7 Describe and discuss functions and abnormalities of cerebellum	Anat Cranial nerve nuclei and cerebral hemispheres. AN 62.5 Describe boundaries, parts, gross relations, major nuclei and connections of dorsal thalamus, hypothalamus, epithalamus,	Anat Cranial nerve nuclei and cerebral hemispheres. AN 62.2 Describe and demonstrate surfaces, sulci, gyri, poles and	CD (Batch) B111.24[Enumerate advantages and /or disadvantages of use of unsaturated, saturated and trans fats in food]	Tutorial – EB Hemat. – F Clinical –A revision based on feedback

		ventricle. (Third ventricle)		metathalamus and sub thalamus	functional areas of cerebral hemisphere.		
3	Wednesday	Biochem Topic:Revision	Physiology/ Human Anatomy PY 10.7 Describe and discuss functions and abnormalities of cerebellum	Anat Cranial nerve nuclei and cerebral hemispheres. AN 62.1 Enumerate cranial nerve nuclei with its functional components.	Anat Cranial nerve nuclei and cerebral hemispheres. AN 62.2 Describe and demonstrate surfaces, sulci, gyri, poles and functional areas of cerebral hemisphere.	EF (Batch) B111.23[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]	Tutorial – DA Hemat. – C Clinical –B revision based on feedback
4	Thursday	Physiology/ Human Anatomy PY 10.7 Describe and discuss functions and abnormalities of cerebellum	Anat Cranial nerve nuclei and cerebral hemispheres. AN 62.2 Describe and demonstrate surfaces, sulci,	Anat Histology and embryology AN 64.2 Describe the development of neural tube, spinal cord, medulla oblongata, pons,	Anat Cranial nerve nuclei and cerebral hemispheres. AN 62.2 Describe and demonstrate surfaces, sulci,	AB(Batch) B111.24[Enumerate advantages and /or disadvantages of use of unsaturated, saturated and trans fats in food]	Tutorial – CF Hemat. –D Clinical –E revision based on feedback

			gyri, poles and functional areas of cerebral hemisphere.	midbrain, cerebral hemisphere and cerebellum.	gyri, poles and functional areas of cerebral hemisphere.		
5	Friday				**HOLIDAY**		
6	Saturday	Anat Cranial nerve nuclei and cerebral hemispheres. AN 62.2 Describe and demonstrate surfaces, sulci, gyri, poles and functional areas of cerebral hemisphere.	Anat Cranial nerve nuclei and cerebral hemispheres. AN 62.3 Describe the white matter of cerebrum.	Physiology/ Human Anatomy PY 10.7 Describe and discuss functions and abnormalities of limbic system	Anat Cranial nerve nuclei and cerebral hemispheres. AN 62.2 Describe and demonstrate surfaces, sulci, gyri, poles and functional areas of cerebral hemisphere.	EF (Batch) B111.24[Enumerate advantages and /or disadvantages of use of unsaturated, saturated and trans fats in food]	Tutorial –EA Hemat. –B Clinical –F revision based on feedback
7	Sunday	-	-	-	**HOLIDAY**	-	
8	Monday		Physiology PY 10.8 Describe and discuss behavioral and EEG	Biochem Topic:Revision		AB(Batch) Topic:	Tutorial – CF Hemat. –D Clinical –E revision based on feedback

			characteristics during sleep and mechanism responsible for its production.				
9	Tuesday	Anat Cranial nerve nuclei and cerebral hemispheres. AN 62.4 Enumerate parts and major connections of basal ganglia and limbic lobe.	Physiology PY 10.8 Describe and discuss behavioral and EEG characteristics during sleep and mechanism responsible for its production.	Anat Ventricular system. AN 63.1 Describe and demonstrate parts, boundaries and features of third, fourth and lateral ventricle. (Lateral ventricle)	Anat Cranial nerve nuclei and cerebral hemispheres. AN 62.2 Describe and demonstrate surfaces, sulci, gyri, poles and functional areas of cerebral hemisphere.	CD (Batch) B111.24[Enumerate advantages and /or disadvantages of use of unsaturated, saturated and trans fats in food]	Tutorial – EA Hemat. –B Clinical –F revision based on feedback
10	Wednesday	Anat Midbrain. AN 61.3 Describe anatomical basis and effects of Benedikt's and Webr's syndrome.	Physiology PY 10.8 Describe and discuss behavioral and EEG characteristics during sleep and mechanism	Anat Ventricular system. AN 63.2 Describe anatomical basis of congenital hydrocephalus.	Anat Cranial nerve nuclei and cerebral hemispheres. AN 62.2 Describe and demonstrate surfaces, sulci,	EF (Batch) B111.24[Enumerate advantages and /or disadvantages of use of unsaturated, saturated and trans fats in food]	Tutorial – DB Hemat. –A Clinical –C revision based on feedback

			responsible for its production.		gyri, poles and functional areas of cerebral hemisphere.		
11	Thursday	Physiology/ Psychiatry PY 10.12 Identify normal EEG forms	Anat Chromosomes. AN 73.1 Describe the structure of chromosomes with classification.	Anat Histology and embryology AN 64.3 Describe various types of open neural tube defects with its embryological basis.	Anat Revision.	AB(Batch) Topic: revision based on feedback	Tutorial – CF Hemat. – E Clinical –D revision based on feedback
12	Friday	Biochem Topic: revision based on feedback	Anat Chromosomes. AN 73.2 Describe technique of karyotyping with its applications. AN 73.3 Describe the Lyon's hypothesis.	Physiology/ Psychiatry PY 10.9 Describe and discuss the physiological basis of memory , learning and speech.	Anat Revision.	CD (Batch) Topic: revision based on feedback	Tutorial – EB Hemat. –F Clinical –A revision based on feedback
13	Saturday	Anat Assessment.	Anat Assessment.	Physiology/ Psychiatry PY 10.9 Describe and discuss the	Anat Assessment.	EF (Batch) Topic: revision based on feedback	Tutorial – DA Hemat. –C Clinical –B revision based on feedback

				physiological basis of memory , learning and speech.			
14	Sunday	-	-	-	-	-	
15	Monday	Anat Patterns of inheritance. AN 74.1 Describe the various modes of inheritance with examples.	Physiology/ Psychiatry PY 10.9 Describe and discuss the physiological basis of memory , learning and speech.	Biochem Topic: revision based on feedback	Anat Assessment.	AB(Batch) Topic: revision based on feedback	Tutorial –CF Hemat. –D Clinical –E revision based on feedback
16	Tuesday	Anat Patterns of inheritance. AN 74.2 Draw pedigree charts for the various types of inheritance and give examples of diseases of each mode of inheritance.	Physiology/ Psychiatry PY 10.9 Describe and discuss the physiological basis of memory , learning and speech.	Anat Patterns of inheritance. AN 74.4 Describe the genetic basis and clinical features of achondroplasia, cystic fibrosis, vitamin D resistant rickets, haemophilia, Duchene's muscular dystrophy and sickle cell anaemia.	Anat Revisions (upper limb).	CD (Batch) Topic: revision based on feedback	Tutorial –EB Hemat. –F Clinical –A revision based on feedback

		AN 74.3 Describe multifactorial inheritance with examples.					
17	Wednesday				**HOLIDAY**		
18	Thursday	Physiology/ Psychiatry (ECE) PY 10.10 Problem based discussion of psychiatry elements due to abnormality of neurotransmission in brain.	Anat Principle of genetics, chromosomal aberrations and clinical genetics. AN 75.1 Describe the structural and numerical chromosomal aberrations.	Anat Principle of genetics, chromosomal aberrations and clinical genetics. AN 75.1 Describe the structural and numerical chromosomal aberrations. AN 75.2 Explain the terms mosaics and chimeras with example.	Anat Revisions (upper limb).	AB(Batch) Topic: revision based on feedback	Tutorial – CF Hemat. –D Clinical –E revision based on feedback
19	Friday	Biochem Topic: revision based on feedback	Physiology Revision and problem based discussion of topics based	Anat Principle of genetics, chromosomal aberrations and clinical genetics.	Anat Revisions (upper limb).	CD (Batch) Topic: revision based on feedback	Tutorial –EA Hemat. –B Clinical –F revision based on feedback

			on student feedback	AN 75.3 Describe the genetic basis and clinical features of Prader Will syndrome, Edward syndrome and Patau syndrome.			
20	Saturday	Anat Principle of genetics, chromosomal aberrations and clinical genetics. AN 75.4 Describe genetic basis of variation : polymorphism and mutation.	Physiology Revision and problem based discussion of topics based on student feedback	Anat Principle of genetics, chromosomal aberrations and clinical genetics. AN 75.5 Describe the principles of genetic counselling.	Anat Revisions (upper limb).	EF (Batch) Topic: revision based on feedback	Tutorial –DB Hemat. –A Clinical –C revision based on feedback
21	Sunday	-	-	-	-	-	
22	Monday	Anat Assessment.	Physiology Revision and problem based discussion of topics based on student feedback	Biochem Topic: revision based on feedback	Anat Revisions (Brain).	AB(Batch) Topic: revision based on feedback	Tutorial –CF Hemat. –E Clinical –D revision based on feedback

23	Tuesday	Anat Assessment.	Physiology Revision and problem based discussion of topics based on student feedback	Anat Assessment.	Anat Revisions (Brain).	CD (Batch) Topic: revision based on feedback	Tutorial –EB Hemat. –F Clinical –A revision based on feedback
24	Wednesday	**HOLIDAY**					**HOLIDAY**
25	Thursday	Physiology Revision and problem based discussion of topics based on student feedback	Anat Assessment.	Anat Assessment.	Anat Revisions. (Lower limb)	AB(Batch) Topic: revision based on feedback	Tutorial –CF Hemat. –D Clinical –E revision based on feedback
26	Friday	Biochem Topic: revision based on feedback	Anat Revisions. (Lower Limb)	Physiology Revision and problem based discussion of topics based on student feedback	Anat Revisions. (Lower limb)	CD (Batch) Topic: revision based on feedback	Tutorial –EA Hemat. –B Clinical –F revision based on feedback
27	Saturday	Anat Revisions. (Thorax)	Anat Revisions. (Thorax)	Physiology Assessment of neurophysiology CNS	Anat Revisions. (Thorax)	EF (Batch) Topic: revision based on feedback	Tutorial –DB Hemat. –A Clinical –C revision based on feedback
28	Sunday	-	-	-	-	-	

29	Monday	Anat Revisions. (Abdomen)	Physiology Revision and problem based discussion of topics based on student feedback	Biochem Topic: revision based on feedback	Anat Revisions. (Abdomen)	AB(Batch) Topic: revision based on feedback	Tutorial –CF Hemat. –E Clinical –D revision based on feedback
30	Tuesday	Anat Revisions. (Abdomen)	Physiology Revision and problem based discussion of topics based on student feedback	Anat Revisions. (Abdomen)	Anat Revisions. (Abdomen)	CD (Batch) Topic: revision based on feedback	Tutorial –EB Hemat. –F Clinical –A revision based on feedback

1	Monday	Anat Midbrain. AN 61.1 Identify external and internal features of midbrain. AN 61.2 Describe internal features of midbrain at the level of superior and inferior colliculus.		Biochem Topic:	Anat Midbrain. AN 61.1 Identify external and internal features of midbrain.	AB(Batch) B111.24[Enumerate advantages and /or disadvantages of use of unsaturated, saturated and trans fats in food]
2	Tuesday	Anat Ventricular system AN 63.1 Describe and demonstrate parts, boundaries and features of third, fourth and lateral ventricle. (Third ventricle)		Anat Cranial nerve nuclei and cerebral hemispheres. AN 62.5 Describe boundaries, parts, gross relations, major nuclei and connections of dorsal thalamus, hypothalamus, epithalamus, metathalamus and sub thalamus.	Anat Cranial nerve nuclei and cerebral hemispheres. AN 62.2 Describe and demonstrate surfaces, sulci, gyri, poles and functional areas of cerebral hemisphere.	CD (Batch) B111.24[Enumerate advantages and /or disadvantages of use of unsaturated, saturated and trans fats in food]

3	Wednesday	Biochem Topic:		Anat Cranial nerve nuclei and cerebral hemispheres. AN 62.1 Enumerate cranial nerve nuclei with its functional components.	Anat Cranial nerve nuclei and cerebral hemispheres. AN 62.2 Describe and demonstrate surfaces, sulci, gyri, poles and functional areas of cerebral hemisphere.	EF (Batch) B111.23[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]
4	Thursday		Anat Cranial nerve nuclei and cerebral hemispheres. AN 62.2 Describe and demonstrate surfaces, sulci, gyri, poles and functional areas of cerebral hemisphere.	Anat Histology and embryology AN 64.2 Describe the development of neural tube, spinal cord, medulla oblongata, pons, midbrain, cerebral hemisphere and cerebellum.	Anat Cranial nerve nuclei and cerebral hemispheres. AN 62.2 Describe and demonstrate surfaces, sulci, gyri, poles and functional areas of cerebral hemisphere.	AB(Batch) B111.24[Enumerate advantages and /or disadvantages of use of unsaturated, saturated and trans fats in food]
5	Friday	Biochem Topic:			**HOLIDAY**	

6	Saturday	Anat Cranial nerve nuclei and cerebral hemispheres. AN 62.2 Describe and demonstrate surfaces, sulci, gyri, poles and functional areas of cerebral hemisphere.	Anat Cranial nerve nuclei and cerebral hemispheres. AN 62.3 Describe the white matter of cerebrum.		Anat Cranial nerve nuclei and cerebral hemispheres. AN 62.2 Describe and demonstrate surfaces, sulci, gyri, poles and functional areas of cerebral hemisphere.	EF (Batch) B111.24[Enumerate advantages and /or disadvantages of use of unsaturated, saturated and trans fats in food]
7	Sunday	-	-	-	**HOLIDAY**	-
8	Monday	Anat Cranial nerve nuclei and cerebral hemispheres. AN 62.4 Enumerate parts and major connections of basal ganglia and limbic lobe.		Biochem Topic:	Anat Cranial nerve nuclei and cerebral hemispheres. AN 62.2 Describe and demonstrate surfaces, sulci, gyri, poles and functional areas of cerebral hemisphere.	AB(Batch) Topic:

9	Tuesday	Anat Midbrain. AN 61.3 Describe anatomical basis and effects of Benedikt's and Webr's syndrome.		Anat Ventricular system. AN 63.1 Describe and demonstrate parts, boundaries and features of third, fourth and lateral ventricle. (Lateral ventricle)	Anat Cranial nerve nuclei and cerebral hemispheres. AN 62.2 Describe and demonstrate surfaces, sulci, gyri, poles and functional areas of cerebral hemisphere.	CD (Batch) B111.24[Enumerate advantages and /or disadvantages of use of unsaturated, saturated and trans fats in food]
10	Wednesday	Biochem Topic:		Anat Ventricular system. AN 63.2 Describe anatomical basis of congenital hydrocephalus.	Anat Cranial nerve nuclei and cerebral hemispheres. AN 62.2 Describe and demonstrate surfaces, sulci, gyri, poles and functional areas of cerebral hemisphere.	EF (Batch) B111.24[Enumerate advantages and /or disadvantages of use of unsaturated, saturated and trans fats in food]
11	Thursday		Anat Chromosomes. AN 73.1 Describe the structure of chromosomes with classification.	Anat Histology and embryology AN 64.3 Describe various types of open neural tube defects with its embryological basis.	Anat Revision.	AB(Batch) Topic:

12	Friday	Biochem Topic:	Anat Chromosomes. AN 73.2 Describe technique of karyotyping with its applications. AN 73.3 Describe the Lyon's hypothesis.		Anat Revision.	CD (Batch) Topic:
13	Saturday	Anat Assessment.	Anat Assessment.		Anat Assessment.	EF (Batch) Topic:
14	Sunday	-	-	-	-	-
15	Monday	Anat Patterns of inheritance. AN 74.1 Describe the various modes of inheritance with examples.		Biochem Topic:	Anat Assessment.	AB(Batch) Topic:

16	Tuesday	Anat Patterns of inheritance. AN 74.2 Draw pedigree charts for the various types of inheritance and give examples of diseases of each mode of inheritance. AN 74.3 Describe multifactorial inheritance with examples.		Anat Patterns of inheritance. AN 74.4 Describe the genetic basis and clinical features of achondroplasia, cystic fibrosis, vitamin D resistant rickets, haemophilia, Duchene's muscular dystrophy and sickle cell anaemia.	Anat Revisions (upper limb).	CD (Batch) Topic:
17	Wednesday	Biochem Topic:			**HOLIDAY**	EF (Batch) Topic:

18	Thursday		Anat Principle of genetics, chromosomal aberrations and clinical genetics. AN 75.1 Describe the structural and numerical chromosomal aberrations.	Anat Principle of genetics, chromosomal aberrations and clinical genetics. AN 75.1 Describe the structural and numerical chromosomal aberrations. AN 75.2 Explain the terms mosaics and chimeras with example.	Anat Revisions (upper limb).	AB(Batch) Topic:
19	Friday	Biochem Topic:	Anat Principle of genetics, chromosomal aberrations and clinical genetics. AN 75.3 Describe the genetic basis and clinical features of Prader Will syndrome, Edward syndrome and Patau syndrome.		Anat Revisions (upper limb).	CD (Batch) Topic:

20	Saturday	Anat Principle of genetics, chromosomal aberrations and clinical genetics. AN 75.4 Describe genetic basis of variation : polymorphism and mutation.	Anat Principle of genetics, chromosomal aberrations and clinical genetics. AN 75.5 Describe the principles of genetic counselling.		Anat Revisions (upper limb).	EF (Batch) Topic:
21	Sunday	-	-	-	-	-
22	Monday	Anat Assessment.		Biochem Topic:	Anat Revisions (Brain).	AB(Batch) Topic:
23	Tuesday	Anat Assessment.		Anat Assessment.	Anat Revisions (Brain).	CD (Batch) Topic:
24	Wednesday	**HOLIDAY**				EF (Batch) Topic:
25	Thursday		Anat Assessment.	Anat Assessment.	Anat Revisions. (Lower limb)	AB(Batch) Topic:
26	Friday	Biochem Topic:	Anat Revisions. (Lower Limb)		Anat Revisions. (Lower limb)	CD (Batch) Topic:
27	Saturday	Anat Revisions. (Thorax)	Anat Revisions. (Thorax)		Anat Revisions. (Thorax)	EF (Batch) Topic:
28	Sunday	-	-	-	-	-

29	Monday	Anat Revisions. (Abdomen)		Biochem Topic:	Anat Revisions. (Abdomen)	AB(Batch) Topic:
30	Tuesday	Anat Revisions. (Abdomen)		Anat Revisions. (Abdomen)	Anat Revisions. (Abdomen)	CD (Batch) Topic:

July, 2020

DATE	DAY	**LECTURES**				BIOCHEMISTRY	PHYSIOLOGY
01	Wednesday	**HOLIDAY**				EF (Batch) Topic: revision based on student feedback	revision based on student feedback
2	Thursday	Physiology revision based on student feedback	Anat Revisions. (Abdomen)	Anat Revisions. (Abdomen)	Anat Revisions. (Abdomen)	AB(Batch) Topic: revision based on student feedback	revision based on student feedback

3	Friday	Biochem Topic: revision based on student feedback	Anat Revisions. (Abdomen)	PHYSIOLOGY revision based on student feedback	Anat Revisions. (Abdomen)	CD (Batch) Topic: revision based on student feedback	revision based on student feedback
4	Saturday	Anat Revisions. (Abdomen)	Anat Revisions. (Abdomen)	PHYSIOLOGY revision based on student feedback	Anat Revisions. (Abdomen)	EF (Batch) Topic: revision based on student feedback	revision based on student feedback
5	Sunday	-	-	-	-	-	
6	Monday	Anat Revisions. (Head and Neck)	Physiology revision based on student feedback	Biochem Topic: revision based on student feedback	Anat Revisions. (Head and Neck)	AB(Batch) revision based on student feedback Topic: revision based on student feedback	revision based on student feedback
7	Tuesday	Anat Revisions. (Head and Neck)	Physiology revision based on student feedback	Anat Revisions. (Head and Neck)	Anat Revisions. (Head and Neck)	CD (Batch) Topic: revision based on student feedback	revision based on student feedback
8	Wednesday	Biochem Topic: revision based on student feedback	Physiology revision based on student feedback	Anat Revisions. (Head and Neck)	Anat Revisions. (Head and Neck)	EF (Batch) Topic: revision based on student feedback	revision based on student feedback

9	Thursday	Anatomy revision based on student feedback	Anat Revisions. (Microanatomy)	Physiology revision based on student feedback	Anat Revisions. (Microanatomy)	AB(Batch) Topic: revision based on student feedback	revision based on student feedback
10	Friday	Biochem Topic: revision based on student feedback	Anat Revisions. (Microanatomy)	Physiology revision based on student feedback	Anat Revisions. (Microanatomy)	CD (Batch) Topic: revision based on student feedback	revision based on student feedback
11	Saturday	Anat Revisions. (Microanatomy)	Anat Revisions. (Microanatomy)	Physiology revision based on student feedback	Anat Revisions. (Microanatomy)	EF (Batch) Topic revision based on student feedback:	revision based on student feedback
12	Sunday	-	-	-	-	-	-
13	Monday	**HOLIDAY**					
14	Tuesday	-	-	-	-	-	-
15	Wednesday						
16	Thursday						
17	Friday						

18	Saturday	**SEND UP EXAMINATION OF ANATOMY , PHYSIOLOGY and BIOCHEMISTRY** **THEORY and PRACTICAL**	
19	Sunday		
20	Monday		
21	Tuesday		
22	Wednesday		
23	Thursday		
24	Friday		
25	Saturday		
26	Sunday		
27	Monday		
28	Tuesday		
29	Wednesday		
30	Thursday		
31	Friday		

August 2020

- **From 1st to 31th SUMMATIVE ASSESSMENT of PHYSIOLOGY , BIOCHEMISTRY and ANATOMY (University exams)**
- **Theory**
- **Practical**