
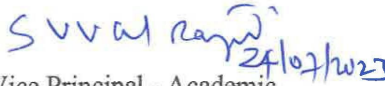


Alluri Sitarama Raju Academy of Medical Sciences
Schedule for Foundation Course - 2023-24; 1st MBBS Batch

DATE / DAY	9:00 AM to 10:00 AM	10:00 AM to 11:00 AM	11:00 AM to 12:00 Noon	12:00 Noon to 01:00PM	1.00 PM to 2.00 PM	2:00 PM to 3:00 PM	3:00 PM to 4:00 PM	4:00 PM to 5:00 PM
(Monday)	Introduction MBBS CBME	Introduction to Anatomy	Introduction to Physiology	Introduction to Biochemistry	LUNCH	English Language (FC 5.3)	Local Language (FC 5.1, 5.2)	Sports
(Tuesday)	Time Management Skills for a Doctor (FC 4.9)	Stress Management Skills for a Doctor (FC 4.7)	Methods of Self Directed Learning (SDL) (FC 4.14)	Simulation in Medical Education		Rules & Regulations of the Hostels (FC 1.4)	Elocution (FC 5.1,5.2)	Sports
(Wednesday)	Doctor as a Researcher	Ethics in Medical Research	Working with a Multi-Disciplinary Team (FC 4.4)	Introduction to Phase -II faculties		Computer Skills -I (FC 5.4)	Computer Skills -II (FC 5.4)	Sports
(Thursday)	Biosafety & Universal Precautions (FC 2.3)		Visit to Hospital			Pedagogy (FC 4.13)	Reflection writing	Sports
(Friday)	Mentorship Programme (FC 4.11)	Gender Sensitivity in Medical Profession	Visit to Health Centre (FC 3.1,3.6)			Rules & Regulations of the college (FC 1.4) by Dr.K.Anji reddy (Academic Director) Dr.G.Krishna Murthy (Principal)		Sports
(Saturday)	Sensitisation in Ragging	Visit to Anatomy	Visit to Physiology	Visit to Biochemistry		Biomedical Waste segregation & its Management (FC 2.7)	Various Career Pathways & Opportunities for personal growth (FC 1.6)	Sports


 Coordinator
 Foundation Course Committee


 Vice Principal - Academic
 Dr. S.V. VENU GOPALA RAJU, M.D.,
 Vice-Principal (Academic)
 Prof. & H.O.D., Dept. of Physiology
 ASRAM MEDICAL COLLEGE, ELURU.

ALLURI SITARAMA RAJU ACADEMY OF MEDICAL SCIENCES, ELURU

I MBBS – ACADEMIC TIME-TABLE FOR THE YEAR 2023 - 24

Week no.	DAY	8 - 9 am	9 - 10 am	10 - 11 am	11 am -1 pm	1 - 2 pm	2 - 4 pm	4 - 5 pm	
TIME TABLE	Mon	AN (DL)	PY (DL)	AN (DL)	AN (Dissection)	LUNCH	AN (DOAP)	Sports	
		PY (DL)							
		Bio (DL) by Rotation							
	Tue	AN (DL)	PY (DL)	BI (DL)	AN (Dissection)		PY (DOAP)	Sports	
	Wed	AN (DL)	PY (Tutorial)	PY (Tutorial)	AN (Dissection)		BI (DOAP)	Sports	
	Thu	BI	AN (DL)	PY (DL)	AN (Dissection)		BI (DOAP)	Extracurricular Activity	
	Fri	PY (SDL/DL)	AN (DL)	1 st , 2 nd , 3 rd week - ECE AN, PY, BI in Small groups			LUNCH	PY (DOAP)	Extracurricular Activity
				4th week AETCOM, 5th week VAC					
Sat	PY (SGD/DL)	PY (SGD)	AN (SDL)	1 st week: AETCOM 2 nd , 3 rd , 4 th week: CM 5 th week: Anatomy	LUNCH	1 st week: FA - (AN) 2 nd week: FA - (PY) 3 rd week: FA - (BI) 4 th week: AETCOM 5 th week: Anatomy	Extracurricular Activity		
		BI (SDL) (Alternate months)							
ABBREVIATIONS: AN-Anatomy, PY-Physiology, BI-Biochemistry, CM-Community Medicine, FA-Formative Assessment, DL: Didactic Lecture, SDL: Self -directed Learning, SGD: Small Group Discussion, ECE: Early Clinical Exposure, VI-Vertical Integration, HI- Horizontal Integration									

Week	DAY	8 - 9 am	9 - 10 am	10 - 11 am	11 am -1 pm	1 - 2	2 - 4 pm	4 - 5 pm
1	MONDAY	AN 1.1 – Anatomical terms, position etc.	PY1.1-Describe the structure and functions of a mammalian cell,PY1.2-Describe and discuss the principles of homeostasis	AN Hist - 65.1, 2 Simple epithelium	AN Dissection - 9.1, 2, 3 – Pectoral region, breast	LUNCH	AN Hist - 65.1, 2 Simple epithelium	Sports
	TUESDAY	AN 8.1 to 8.6 – Clavicle, Scapula demonstration	PY1.3-Describe intercellular communication	BI 1.1 DL HI-PY Cell organelles Cell membrane	AN Dissection - 9.1, 2, 3 – Pectoral region, breast		PY2.11-DOAP- Hemocytometry VI - Pathology	Sports
	WEDNESDAY	AN 76.1, 2 – Gen. Embryology, Gametogeneses	PY1.4-Describe apoptosis – programmed cell death VI - Pathology	PY1.5-Describe and discuss transport mechanisms across cell membranes	AN Dissection 10.1 to 10.7 – Boundaries and contents of axilla		BI (DOAP) BI 11.1 Introduction to Lab	Sports
	THURSDAY	BI 1.1DL HI-PY Transport across cell membranes	AN 8.1 to 8.6 – VI – Ortho - Humerus, radius, ulna demonstration	PY1.6-Describe the fluid compartments of the body, its ionic composition & measurements HI - Biochemistry	AN Dissection 10.1 to 10.7 – Boundaries and contents of axilla) BI 1.1 SGD Cell	Extracurricular Activity
	FRIDAY	PY-SDL-PY1.3- Describe intercellular communication	AN 8.1 to 8.6 – VI – Ortho - Ulna, bones of the hand demonstration	Early Clinical Exposure - AN - ECE 1 - Visit to Hospital			PY2.11-DOAP-Estimate Hemoglobin (Hb) concentration	Extracurricular Activity
	SATURDAY	PY-SGD-PY1.4- Describe apoptosis – programmed cell death	PY-SGD-PY1.5-Describe and discuss transport mechanisms across cell membranes	AN - SDL 8.1 to 8.6 – Clavicle, Scapula	AETCOM - 1.1(A), 1.5 Anatomy		Formative Assessment - AN - 1	Extracurricular Activity

Week no.	DAY	8 - 9 am	9 - 10 am	10 - 11 am	11 am -1 pm	1 - 2 pm	2 - 4 pm	4 - 5 pm
2	MONDAY	PY1.7-Describe the concept of pH & Buffer systems in the body HI - Biochemistry	PY1.8-Describe and discuss the molecular basis of resting membrane potential and action potential in	AN Hist - 65.1, 2 Stratified epithelium	AN Dissection 10.1 to 10.7 – Boundaries and contents of axilla	LUNCH	AN Hist - 65.1, 2 Stratified epithelium	Sports
	TUESDAY	AN 1.2, 2.1, 2.2, 2.3, 2.4 –VI - Ortho Bone	PY1.9-describe and discuss the methods used to demonstrate the functions of the cells and its products, its communications and their applications in Clinical care and research	BI 3.1 DL Classification of Carbohydrates Stereoisomerism	AN Dissection 10.1 to 10.7 – Boundaries and contents of axilla		PY2.11-DOAP-Estimate Hemoglobin (Hb) concentration-Revision	Sports
	WEDNESDAY	AN 77.1 to 77.6 – Menstrual, ovarian cycles, applied aspects	PY2.1 Describe the composition and functions of blood components	PY2.2 Discuss the origin, forms, variations and functions of plasma proteins HI - Biochemistry	AN Dissection 10.1 to 10.7 – Boundaries and contents of axilla		BI (DOAP) BI 11.1 Lab safety Biomedical waste disposal, lab equipment	Sports
	THURSDAY	BI 3.1 DL Properties of Monosaccharides Disaccharides	AN 9.1 – Pectoral region	PY2.3 Describe and discuss the synthesis and functions of Haemoglobin and explain its breakdown. Describe variants of haemoglobin HI - Biochemistry	AN Dissection 10.8, 9 – Dissection of the back		BI 3.1 SGD Carbohydrates	Extracurricular Activity
	FRIDAY	PY2.4 Describe RBC formation (erythropoiesis & its regulation) and	AN FLIP 9.2, 3 -VI - Gen. Surg. - Breast	ECE-1- Physiology-Anemia			PY2.11-DOAP- Determination of Red Blood Cell count-1	Extracurricular Activity
	SATURDAY	PY-SGD-PY1.6- Describe the fluid compartments of the body, its ionic composition &	PY-SGD-PY1.7-Describe the concept of pH & Buffer systems in the body	AN - SDL 76.1, 2 – Gametogeneses	CM 1.1 Public Health - Definition and Changing Concepts - 1		Formative Assessment - PY - 1	Extracurricular Activity

Week no.	DAY	8 - 9 am	9 - 10 am	10 - 11 am	11 am -1 pm	1 - 2 pm	2 - 4 pm	4 - 5 pm
3	MONDAY	BI 3.1 DL VI-OR Polysaccharides	PY2.5 Describe different types of anaemias VI - Pathology	AN Hist - 66.1, 2, 72.1 Loose connective tissue, skin	AN Dissection 10.8, 9 – Dissection of the back	LUNCH	AN Hist - 66.1, 2, 72.1 Loose connective tissue, skin	Sports
	TUESDAY	AN 2.2, 2.3, 2.4 – VI - Ortho - Cartilage	PY2.5 Describe different types Jaundice HI - Biochemistry	BI 4.1 DL VI-IM Lipid chemistry	AN SGD 10.10, 11 – Shoulder region		PY2.11-DOAP- Determination of White Blood Cell count-2 VI - Pathology	Sports
	WEDNESDAY	AN 78.1 Cleavage and formation of blastocyst	AITO-1 Linker Session For Anemia: 1 Hour: Case Based Learning, 2nd Hour: Pathological & Pharmacological Aspects Of Anemia		AN Dissection 10.12 – VI - Ortho- Shoulder joint		BI (DOAP) - BI 11.3, BI 11.4 Practicals Analysis of Inorganic constituents of urine	Sports
	THURSDAY	BI5.1 DL Amino acids classification, General reactions of amino acids	AN 10.1, 2 – Boundaries and contents (vessels) of axilla	PY2.6 Describe WBC formation (granulopoiesis) and its regulation	AN Tutorial 10.10, 11 – Shoulder region		BI 4.1 SGD Lipid chemistry	Extracurricular Activity
	FRIDAY	PY-SDL-PY1.8- Describe and discuss the molecular basis of resting membrane potential and action potential in excitable tissue	AN 10.3, 5, 6 – VI - Gen. Surg. Brachial plexus	Early Clinical Exposure - ECE 1 BI - Visit to central lab			PY2.11-DOAP- Determination of White Blood Cell count-1	Extracurricular Activity
	SATURDAY	PY-SGD-PY2.2 Discuss the origin, forms, variations and functions of plasma proteins	PY-SGD-PY2.3 Describe and discuss the synthesis and functions of Haemoglobin and explain its breakdown. Describe variants of haemoglobin	AN - SDL 10.12 – VI - Ortho- Shoulder joint	CM 1.1 Public Health Definition and Changing Concepts - 2 CM 1.2 Define Health. Changing Concepts of Health		Formative Assessment - BI - 1	Extracurricular Activity

Week no.	DAY	8 - 9 am	9 - 10 am	10 - 11 am	11 am -1 pm	1 - 2 pm	2 - 4 pm	4 - 5 pm
4	MONDAY	AN 10.8, 9 – Trapezius, latissimus dorsi, triangle of auscultation	PY2.7 Describe the formation of platelets, functions and variations.	AN Hist - 71.2 Cartilage	AN Dissection 11.1, 2 – Upper arm	LUNCH	AN Hist - 71.2 Cartilage	Sports
	TUESDAY	AN 2.5, 2.6 – Joints, types, examples	PY2.8 Describe the physiological basis of hemostasis VI - Pathology	BI5.1 DL Structural organization of Proteins	AN Dissection 11.1, 2 – Upper arm		PY2.11-DOAP- Determination of White Blood Cell count-2 VI - Pathology	Sports
	WEDNESDAY	AN 78.2, 3 Trophoblast, Implantation & common abnormal sites of implantation	PY2.8 Describe the physiological basis of anticoagulants. VI - Pathology	PY2.8-Describe bleeding & clotting disorders (Hemophilia, purpura) VI - Pathology	AN Dissection 11.5 – Cubital fossa		BI (DOAP)-BI 11.4 Practicals Analysis of Organic constituents of urine (NPN)	Sports
	THURSDAY	BI5.2, BI5.1DL Classification of Proteins structure function Relationship, Denaturation,	AN 10.10, 10.11 – Deltoid, rotator cuff, serratus anterior, 10.13 - Axillary nerve	PY2.9 Describe different blood groups and discuss the clinical importance of blood grouping	AN Seminar 11.5 – Cubital fossa		BI5.1 SGD- Amino acid chemistry	Extracurricular Activity
	FRIDAY	PY-SDL-PY2.4 Describe RBC formation (erythropoiesis & its regulation) and its functions	AN FLIP 10.12 – VI - Ortho - Shoulder joint	AETCOM - 1.5 Anatomy			PY2.11-DOAP- Determination of Differential Leucocyte count-1 VI - Pathology	Extracurricular Activity
	SATURDAY	PY-SGD-PY2.5 Describe different types Jaundice	PY-SGD-PY2.6 Describe WBC formation (granulopoiesis) and its regulation	AN - SDL 11.5 – Cubital fossa	FAP		AETCOM - PY	Extracurricular Activity

Week no.	DAY	8 - 9 am	9 - 10 am	10 - 11 am	11 am -1 pm	1 - 2 pm	2 - 4 pm	4 - 5 pm	
5	MONDAY	PY2.9 Describe blood banking and transfusion	PY2.10 Define and classify different types of immunity	AN Hist - 71.1 Bone	AN Dissection 12.1 – Muscles of the front of the forearm	LUNCH	AN Hist - 71.1 Bone	Sports	
	TUESDAY	AN 3.1, 2 – Muscle	PY2.10-Describe the development of immunity	BI6.2, 6.3 DLVI-PH Nitrogenous bases Nucleosides and Nucleotides, Analogues	AN Dissection 12.1 – Muscles of the front of the forearm		PY2.11-DOAP- Determination of Differential Leucocyte count-2 VI - Pathology	Sports	
	WEDNESDAY	AN 78.4 Extra-embryonic mesoderm and coelom, bilaminar disc and prochordal plate	PY (Tutorial)	PY (Tutorial)	AN Dissection 12.2 – Nerves and vessels of the front of the forearm		BI (DOAP)- BI 11.4 Identification of NPN substances	Sports	
	THURSDAY	BI7.1 DL Types, structure, and function of RNA. miRNA and siRNA, applications in medicine	AN 11.1, 2 – Upper arm	PY2.10-Describe immunity regulation	AN Dissection - 12.5 to 12.10 – Palm of the hand		BI6.2, 6.3,7.1 Nitrogenous bases Nucleosides and Nucleotides, Analogues	Extracurricular Activity	
	FRIDAY	PY-SDL-PY2.7 Describe the formation of platelets, functions and variations.	AN 11.3, 4 – VI - Gen. Surg. Radial nerve, cubital veins	VAC			PY2.11-DOAP- Determination of RBC Indices-1 VI - Pathology	Extracurricular Activity	
	SATURDAY	SATURDAY	PY-SGD-PY2.8 Describe the physiological basis of hemostasis	BI (SDL) (Alternate	AN - SDL 78.4 Extra-embryonic mesoderm		AN Dissection - 12.5 to 12.10 – Palm of the hand	AN Dissection - 12.5 to 12.10 – Palm of the hand	Extracurricular Activity
				BI 2.1 SDL Classification of Enzymes, Cofactors, Mechanism of action of enzymes.					

Week no.	DAY	8 - 9 am	9 - 10 am	10 - 11 am	11 am -1 pm	1 - 2 pm	2 - 4 pm	4 - 5 pm
6	MONDAY	BI 2.3 DL Factors effecting enzyme activity	PY3.1 Describe the structure and functions of a neuron and neuroglia; Discuss Nerve Growth Factor & other growth factors/cytokine HI - Human Anatomys & PY3.2 Describe the types, functions & properties of nerve	AN Hist - 67.1, 2, 3 Muscle	AN Dissection - 12.5 to 12.10 – Palm of the hand	LUNC H	AN Hist - 67.1, 2, 3 Muscle	Sports
	TUESDAY	AN 4.1, 2, 3, 4, 5 –VI - Dermatology - Fasciae, Skin and its appendages	PY3.3 Describe the degeneration and regeneration in peripheral nerves VI - General Medicine	BI 2.3, 2.4 DL Active Site, Specificity of Enzymes. Enzymes inhibition.	AN Dissection - 12.5 to 12.10 – Palm of the hand		PY2.11-DOAP- Determination of Differential Leucocyte count-3 VI - Pathology	Sports
	WEDNESDAY	AN 78.5 Abortion; decidual reaction, pregnancy tests	PY (Tutorial)	PY (Tutorial)	AN Dissection - 12.11 to 12.15 – Back of the forearm, dorsum of the hand		BI (DOAP)-BI 2.2, BI 11.13 Practicals Analysis of Pathological Constituents of Urine, Glucose & ketone	Sports
	THURSDAY	BI 2.3, 2.6DL Enzymes Regulation Uses of Enzymes	AN 11.5, 6 – Cubital fossa, anastomoses around elbow joint	PY3.4 Describe the structure of neuro-muscular junction and transmission of impulses VI - Anaesthesiology	AN Dissection - 12.11 to 12.15 – Back of the forearm, dorsum of the hand		BI 2.3, 2.4 SGD Active Site, Specificity of Enzymes. Enzymes inhibition.	Extracurricular Activity
	FRIDAY	PY-SDL-PY2.8 Describe the physiological basis of anticoagulants.	AN FLIP 12.1 – Muscles of the front of the forearm	AN - Early Clinical Exposure -ECE 2 AN 9.2. - Carcinoma breast - palpation of axillary lymph nodes -			PY2.11-DOAP- Determination of Bleeding Time, Clotting Time, Blood group-1 VI - Pathology	Extracurricular Activity
	SATURDAY	PY-SGD-PY2.8- Describe bleeding & clotting disorders (Hemophilia, purpura)	BI (SDL) (Alternate BI 2.5-2.7 SDL Isoenzymes	AN - SDL 12.11 to 12.15 – Back of the forearm, dorsum of the hand	AETCOM - PY		Formative Assessment - AN - 2	Extracurricular Activity

Week no.	DAY	8 - 9 am	9 - 10 am	10 - 11 am	11 am -1 pm	1 - 2 pm	2 - 4 pm	4 - 5 pm	
7	MONDAY	AN 5.1 to 5.8 –VI - GM- Pathology - Blood vessels	PY3.5 Discuss the action of neuro-muscular blocking agents VI - Anaesthesiology, / VI - Pharmacology	AN Hist - 68.1, 2, 3 Nervous tissue	AN Dissection 13.3, 4 – Joints of the forearm and hand	LUNCH	AN Hist - 68.1, 2, 3 Nervous tissue	Sports	
	TUESDAY	AN12.2 – Nerves and vessels of the front of the forearm	PY3.6 Describe the pathophysiology of Myasthenia gravis VI -Pathology	BI6.6 DL Electron Transport Chain	AN Dissection 13.3, 4 – Joints of the forearm and hand		PY2.11-DOAP- Determination of Bleeding Time, Clotting Time, Blood group-2	Sports	
	WEDNESDAY	AN 79.1, 2 Formation & fate of the primitive streak, Notochord, its fate	AITO-2: JAUNDICE: CASE BASED LEARNING		AN - SGD 13.6, 7, 8 - Surface anatomy of the upper limb		BI (DOAP)-BI 2.2, BI 11.13 Practicals Analysis of Pathological Constituents of Urine, Proteins & blood pigments	Sports	
	THURSDAY	BI6.6 DL Bioenergetics, High Energy Compounds– Shuttle pathways	AN 12.5, 6 – Intrinsic muscles of the hand	PY3.7 Describe the different types of muscle fibres and their structure HI - Human Anatomys &	AN Tutorial 79.1, 2 primitive streak, Notochord		BI6.6 SGD Electron Transport Chain	Extracurricular Activity	
	FRIDAY	PY-SDL-PY2.9 Describe different blood groups and discuss the clinical importance of blood grouping	AN 12.7, 8 – Vessels and nerves of the hand	Early Clinical Exposure - ECE 2 - PY-Immunological Disorders			PY-2.12-Demonstration- ESR, Osmotic fragility, Hematocrit VI - Pathology	Extracurricular Activity	
	SATURDAY	SATURDAY	PY-SGD-PY2.9 Describe blood banking and transfusion	BI (SDL) (Alternate	AN - SDL 12.1 – Muscles of the front of the forearm		CM 1.2 Define Health. Changing Concepts of Health - 2	Formative Assessment - PY - 2	Extracurricular Activity
				BI6.6 SDL ATP Synthesis					

Week no.	DAY	8 - 9 am	9 - 10 am	10 - 11 am	11 am -1 pm	1 - 2 pm	2 - 4 pm	4 - 5 pm
8	MONDAY	PY3.8 Describe action potential and its properties in different muscle types (skeletal & smooth)	PY3.9 Describe the molecular basis of muscle contraction in skeletal and in smooth muscles	AN Hist - 69.1, 2, 3 Cardiovascular system	AN - SGD 13.5 – Radiology of the upper limb	LUNCH	AN Hist - 69.1, 2, 3 Cardiovascular system	Sports
	TUESDAY	AN 7.1 to 7, 8 –VI - GM - Nervous system	PY3.10 Describe the mode of muscle contraction (isometric and isotonic)	BI2.1 DL Coenzymes	AN Dissection 15.1 to 15.5 – VI - Gen. Surg. - Front and medial side of the thigh		PY-2.13-Demonstration- reticulocyte and platelet count VI- Pathology	Sports
	WEDNESDAY	AN 79.3, 4 Neurulation, Intraembryonic coelom	PY (Tutorial)	PY (Tutorial)	AN Dissection 15.1 to 15.5 – VI - Gen. Surg. - Front and medial side of the thigh		BI (DOAP)- BI 2.2, BI 11.13 Practicals Analysis of Pathological Constituents of Urine, Bile salts, Bile pigments, Urobilinogen	Sports
	THURSDAY	BI 3.2 DL Digestion & Absorption of Carbohydrates	AN 12.3, 4, 10 – VI - Gen. Surg. - Flexor retinaculum, carpal tunnel syndrome, Fibrous flexor sheaths, fascial spaces of the	PY3.11 Explain energy source and muscle metabolism,PY3.17 Describe Strength-duration curve HI - Biochemistry	AN Seminar 15.1 to 15.5 – VI - Gen. Surg. - Front and medial side of the thigh		BI 3.3, BI 3.4, BI 3.7.SDG Glycolysis & Gluconeogenesis	Extracurricular Activity
	FRIDAY	PY-SDL-PY2.10 Define and classify different types of immunity	AN FLIP 12.11 – Muscles of the back of the forearm, Extensor retinaculum, extensor expansions	Early Clinical Exposure - ECE 2 - BI 11.17 - Myocardial infraction			PY3.14-DOAP-Perform Ergography-1	Extracurricular Activity
	SATURDAY	PY-SGD-PY2.10- Describe the development of immunity	BI (SDL) (Alternate BI 3.3, BI 3.4, BI 3.7.SDG Glycolysis & Gluconeogenesis	AN - SDL 15.1 to 15.5 – VI - Gen. Surg. - Front of the thigh	CM 1.3 – Characteristics of agent, host and environmental factors in health and disease CM 1.3		Formative Assessment - BI - 2	Extracurricular Activity

Week no.	DAY	8 - 9 am	9 - 10 am	10 - 11 am	11 am -1 pm	1 - 2 pm	2 - 4 pm	4 - 5 pm
9	MONDAY	BI 3.4 DL HMP Shunt Pathway	PY3.12 Explain the gradation of muscular activity VI - General Medicine	AN Hist - 70.2 Lymphatic tissue	AN Dissection 15.1 to 15.5 – VI - Gen. Surg. - Front and medial side of the thigh	LUNCH	AN Hist - 70.2 Lymph node, spleen	Sports
	TUESDAY	AN 12.12, 13- Vessels and nerves of the back of the forearm, wrist drop	PY3.13 Describe muscular dystrophy: myopathies VI - General Medicine / HI - Human Anatomy	BI 3.6 BI 3.7 DL TCA Cycle	AN - Dissection 16.1 to 16.5 – VI - Gen. Surg. - Gluteal region and back of the thigh		PY3.14-DOAP-Perform Ergography-2	Sports
	WEDNESDAY	AN 80.1 Chorion: amnion; yolk sac;	PY (Tutorial)	PY (Tutorial)	AN - SGD 16.1 to 16.5 – VI - Gen. Surg. -Gluteal region and back of the thigh		BI (DOAP)-BI 2.2, BI 11.13 Practicals Identification of Pathological Constituents of Urine	Sports
	THURSDAY	BI 3.5 DL VI-PE Minor Metabolic Pathways	AN 13.1, 2 – Dermatomes, veins of the upper limb, 13.4, Joints of the clavicle	PY5.1 Describe the functional anatomy of heart including chambers, sounds HI - Human Anatomy	AN - SGD 16.1 to 16.5 – VI - Gen. Surg. -Gluteal region and back of the thigh		BI-SGD-MCQ's	Extracurricular Activity
	FRIDAY	PY-SDL-PY2.10- Describe immunity regulation	AN 13.3, 4 – Joints of the forearm and hand	AETCOM - PY			PY-3.18-Demonstration- Computer assisted learning methods- Amphibian Nerve - muscle experiments-1	Extracurricular Activity
	SATURDAY	PY-SGD-PY3.3 Describe the degeneration and regeneration in peripheral nerves	PY (SGD)	AN - SDL 16.1 to 16.5 – VI - Gen. Surg. -Gluteal region	FAP		AETCOM - BI	Extracurricular Activity

Week no.	DAY	8 - 9 am	9 - 10 am	10 - 11 am	11 am -1 pm	1 - 2 pm	2 - 4 pm	4 - 5 pm
10	MONDAY	AN 14.1 to 14.4 – Femur, patella demonstration	PY5.2 Describe the properties of cardiac muscle including its morphology, electrical, mechanical and metabolic functions	AN Hist - 70.2 Lymphatic tissue	AN Dissection 16.6 – Popliteal fossa	LUNCH	AN Hist - 70.2 Thymus, tonsil	Sports
	TUESDAY	AN 14.1 to 14.4 – Hip bone demonstration	PY5.5 Describe the physiology of electrocardiogram (E.C.G), its applications and the cardiac axis VI - General Medicine	BI 3.4BI 3.5 DL VI-PE Glycogen metabolism, glycogen storage disorders, Mucopolysaccharidoses	AN Dissection 16.6 – Popliteal fossa		PY-3.18-Demonstration-Computer assisted learning methods-Amphibian Nerve - muscle experiments-2	Sports
	WEDNESDAY	AN 80.2 Allantois & decidua, umbilical cord	PY (Tutorial)	PY (Tutorial)	AN Dissection 17.1 – Hip joint		BI (DOAP)-BI-Exam- Qualitative experiments	Sports
	THURSDAY	BI 4.1BI 4.2 DL VI-IM Amphipathic lipids Liposomes Digestion & Absorption	AN 14.1 to 14.4 – Tibia, fibula, demonstration	PY5.5 Describe the physiology of electrocardiogram (E.C.G), its applications and the cardiac axis VI - General Medicine	AN Dissection 17.1 2, 3 – Hip joint and applied aspects		BI 3.4BI 3.5 SGD VI-PE Glycogen metabolism, glycogen storage disorders, Mucopolysaccharidoses	Extracurricular Activity
	FRIDAY	PY-SDL-PY3.5 Discuss the action of neuro-muscular blocking agents	AN FLIP 14.1 to 14.4 – Bones of the foot demonstration	VAC			PY-3.18-Demonstration-Computer assisted learning methods-Amphibian Cardiac experiments-1	Extracurricular Activity
	SATURDAY	PY-SGD-PY3.6 Describe the pathophysiology of Myasthenia gravis	PY-SGD-PY3.7 Describe the different types of muscle fibres and their structure	AN - SDL 17.1 – Hip joint	AN Dissection 17.1 2, 3 – Hip joint and applied aspects		AN Dissection 18.1, 2, 3 – Anterolateral compartment of the leg	Extracurricular Activity

Week	DAY	8 - 9 am	9 - 10 am	10 - 11 am	11 am -1 pm	1 - 2	2 - 4 pm	4 - 5 pm
11	MONDAY	PY5.1 Describe the Pacemaker tissue and conducting system.	PY5.4 Describe generation, conduction of cardiac impulse	AN Hist - 22.2, 3, 4 Respiratory system	AN Dissection 18.1, 2, 3 – Anterolateral compartment of the leg	LUNCH	AN Hist - 22.2, 3, 4 Respiratory system	Sports
	TUESDAY	AN 15.1, 3 – Boundaries and contents of the femoral triangle – vessels and nerves	PY5.3 Discuss the events occurring during the cardiac cycle	BI 4.2 DL Oxidation of fatty acids	AN Dissection 18.1, 2, 3 – Anterolateral compartment of the leg		PY-3.18-Demonstration- Computer assisted learning methods- Amphibian Cardiac experiments-2	Sports
	WEDNESDAY	AN 80.3 Formation of placenta, its physiological functions, foetomaternal circulation &	PY (Tutorial)	PY (Tutorial)	AN Dissection 18.4 to 18.7 – Knee joint		BI (DOAP)- BI 11.6, BI 11.18 BI 11.19 Colorimetry, spectrophotometry	Sports
	THURSDAY	BI4.2 DL VI-IM Metabolism of Ketone bodies & Cholesterol. Bile acids and bile salts	AN 15.2, 4, 5 – Muscles of the front of the thigh, applied anatomy, adductor canal	PY5.3 Discuss the events occurring during the cardiac cycle	AN Tutorial 80.3 Placenta		BI4.2 SGD VI-IM Metabolism of Ketone bodies & Cholesterol. Bile acids and bile salts	Extracurricular Activity
	FRIDAY	PY-SDL-PY3.8 Describe action potential and its properties in different muscle types (skeletal & smooth)	AN 15.3 - Medial side of the thigh	Early Clinical Exposure - AN - ECE 3 AN 15.1 to 15.5 - Great Saphenous vein, Varicose veins			PY5.15-DOAP- Demonstrate the correct clinical examination of the cardiovascular system in a normal volunteer or simulated	Extracurricular Activity
	SATURDAY	PY-SGD-PY3.9 Describe the molecular basis of muscle contraction in skeletal and in smooth muscles	PY-SGD-PY3.10 Describe the mode of muscle contraction (isometric and isotonic)	AN - SDL 18.4 to 18.7 – Knee joint	AETCOM - BI AETCOM 1.4 Module		Formative Assessment - AN - 3	Extracurricular Activity

Week no.	DAY	8 - 9 am	9 - 10 am	10 - 11 am	11 am -1 pm	1 - 2 pm	2 - 4 pm	4 - 5 pm
12	MONDAY	BI4.2 DL De novo synthesis of fatty acids	PY5.3 Discuss the events occurring during the cardiac cycle	AN Hist - 39.1 Tooth, Tongue, lip	AN Dissection 18.4 to 18.7 – Knee joint	LUNCH	AN Hist - 70.1 Salivary glands	Sports
	TUESDAY	AN 16.1, 3 – Muscles of the gluteal region, Trendelenburg sign	PY5.9 Describe the factors affecting heart rate, regulation of cardiac output	BI4.3, BI4.4 DL VI-IM Lipoprotein metabolism	AN Dissection - 19.1 to 19.7 – Back of the leg and sole of the foot		PY5.15-DOAP- Demonstrate the correct clinical examination of the cardiovascular system in a normal volunteer or simulated	Sports
	WEDNESDAY	AN 80.4 Embryological basis of Multiple births; twinning in monozygotic & dizygotic twins	PY (Tutorial)	PY (Tutorial)	AN Dissection - 19.1 to 19.7 – Back of the leg and sole of the foot		BI (DOAP)- BI 11.19 Practicals Estimation of plasma glucose	Sports
	THURSDAY	BI4.3, 4.4DL Hyperlipoproteinemia's	AN 16.1, 2, 3 – Vessels and nerves of the gluteal region, applied anatomy of the gluteal region	PY5.9 Describe the factors affecting heart rate, regulation of cardiac output	AN Seminar - 19.1 to 19.7 – Back of the leg and sole of the foot		BI4.1- BI4.4-MCQ's- Lipid Metabolism	Extracurricular Activity
	FRIDAY	PY-SDL-PY3.11 Explain energy source and muscle metabolism, PY3.17 Describe Strength-duration curve	AN FLIP 16.6 – Boundaries and contents of the popliteal fossa	Early Clinical Exposure - ECE 3 - PY-Bleeding & Clotting Disorders			PY5.12-DOAP- Record blood pressure & pulse at rest in a volunteer or simulated environment-1	Extracurricular Activity
	SATURDAY	PY-SGD-PY3.12 Explain the gradation of muscular activity	PY-SGD-PY3.13 Describe muscular dystrophy: myopathies	AN - SDL 18.1, 2, 3 – Anterolateral compartment of the leg	CM 1.4 Natural history of disease CM 1.5 Application of interventions at various levels of prevention		Formative Assessment - PY - 3	Extracurricular Activity

	First Internal Assessment - Theory Examination
	First Internal Assessment - Theory Examination
	First Internal Assessment - Theory Examination
	First Internal Assessment - Practical Examination
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	First Internal Assessment - Practical Examination



Week	DAY	8 - 9 am	9 - 10 am	10 - 11 am	11 am -1 pm	1 - 2	2 - 4 pm	4 - 5 pm
13	MONDAY	AN 16.6 – Boundaries and contents of the popliteal fossa	PY5.9 Describe the factors affecting heart rate, regulation of cardiac output	AN Hist - 52.1 Oesophagus, stomach	AN Dissection - 19.1 to 19.7 – Back of the leg and sole of the foot	LUNCH	AN Hist - 39.1 Tooth, lip	Sports
	TUESDAY	AN 16.4, 5 – Hamstrings, sciatic nerve, perforating arteries	PY5.6 Describe abnormal ECG, arrhythmias, heart block and myocardial Infarction VI - General Medicine/ VII - Human Anatomy	BI4.6 DL Eicosanoids	AN Dissection 20.1, 2 – tibiofibular and ankle joints, Subtalar and transverse tarsal joints		PY5.12-DOAP- Record blood pressure & pulse at rest in a volunteer or simulated environment-2	Sports
	WEDNESDAY	AN 81.1, 2, 3 – Prenatal diagnosis	PY (Tutorial)	PY (Tutorial)	AN Dissection 20.1, 2 – Tibiofibular and ankle joints, Subtalar and transverse tarsal joints		BI (DOAP)-BI11.21 Practicals Estimation of Blood Urea	Sports
	THURSDAY	BI4.6 DL VI-PE Lipid storage disorders	AN 17.1 2, 3 – Hip joint and applied aspects	PY5.7 Describe and discuss haemodynamics of circulatory system	AN SGD 20.7 to 20.9 Surface anatomy of the lower limb		BI4.6 SGD Eicosanoids, BI-Case Study	Extracurricular Activity
	FRIDAY	PY-SDL-PY5.1 Describe the functional anatomy of heart including chambers, sounds	AN 18.1, 2, 3 – Anterolateral compartment of the leg, foot drop	Early Clinical Exposure - ECE 3 - BI 11.17- Diabetes Mellitus			PY-3.15 & 5.12-DOAP-Record blood pressure & pulse in different grades of exercise and postures in a volunteer or simulated environment-	Extracurricular Activity
	SATURDAY	PY-SGD-PY5.2 Describe the properties of cardiac muscle including its morphology, electrical, mechanical and metabolic functions	BI (SDL) (Alternate BI4.2 SDL VI-PA Fatty liver and lipotropic factors	AN SDL- 16.6 – Boundaries and contents of the popliteal fossa	CM 1.6 Concepts and Principles of Health education and health promotion		Formative Assessment - BI - 3	Extracurricular Activity

Week	DAY	8 - 9 am	9 - 10 am	10 - 11 am	11 am -1 pm	1 - 2	2 - 4 pm	4 - 5 pm
14	MONDAY	PY5.10 Describe & discuss microcirculation, Arterial, venous system & lymphatic circulation	PY5.9 Describe the regulation of blood pressure & factors affecting	AN Hist - 52.1 Small intestine, Large intestine, appendix	AN - SGD 20.6, 10 – Radiology, development of the lower limb	LUNCH	AN Hist - 39.1 Tongue	Sports
	TUESDAY	AN 19.1 to 19.4 – Muscles, vessels and nerves of the back of the leg, applied anatomy	PY5.9 Describe the regulation of blood pressure & factors affecting	BI4.2 DL Metabolism of Triacylglycerols and Phospholipids	AN Dissection 21.1 to 21.7 - Walls of the thorax		PY-3.15 & 5.12-DOAP-Record blood pressure & pulse in different grades of exercise and postures in a volunteer or simulated environment	Sports
	WEDNESDAY	AN 25.2, 3 - Development of Heart, fetal circulation	PY (Tutorial)	PY (Tutorial)	AN Dissection 21.1 to 21.7 - Walls of the thorax		BI (DOAP)-BI11.7, Practicals Demonstrate the estimation of serum creatinine & creatinine clearance	Sports
	THURSDAY	BI5.3- I5.5 DL VI-PE Digestion & Absorption Ammonia metabolism	AN 18.4 to 18.7 – Knee joint	PY5.9 Describe the regulation of blood pressure & factors affecting	AN - SGD 21.8, 9, 21.10 - Describe & demonstrate type, articular surfaces manubriosternal, costovertebral, costotransverse and		BI5.3- I5.5 SGD VI-PE Digestion & Absorption Ammonia metabolism	Extracurricular Activity
	FRIDAY	PY-SDL-PY5.5 Describe the physiology of electrocardiogram (E.C.G), its applications and the cardiac axis	AN FLIP 18.4 to 18.7 – Knee joint, locking and unlocking, osteoarthritis	AETCOM - PY			PY3.16 -DOAP- Demonstrate Harvard Step test and describe the impact on induced physiologic parameters in a simulated environment-1	Extracurricular Activity
	SATURDAY	PY-SGD-PY5.1 Describe the Pacemaker tissue and conducting system.	BI (SDL) (Alternate months)	AN - SDL 21.1 to 21.7 - Walls of the thorax	FAP		AN FLIP 18.4 to 18.7 – Knee joint, locking and unlocking, osteoarthritis	Extracurricular Activity
		BI5.4, BI5.5 SDL VI-PE Ammonia metabolism						

Week	DAY	8 - 9 am	9 - 10 am	10 - 11 am	11 am -1 pm	1 - 2	2 - 4 pm	4 - 5 pm
15	MONDAY	BI5.4, 5.5 DL Phenylalanine & Tyrosine metabolism	PY5.8 Describe and discuss local and systemic cardiovascular regulatory mechanisms	AN Hist - 52.1 Liver, gall bladder, pancreas	AN Dissection 21.11 – Mediastinum	LUNCH	AN Hist - 39.1 Epiglottis, General structure of the Gastrointestinal tract	Sports
	TUESDAY	AN 19.1, 2 Major muscles of Sole of the foot with their attachment, nerve supply and actions	PY5.10 Describe & discuss regional circulation - coronary, cerebral, skin VI - General Medicine	BI5.4, BI5.5 DL VI-PE Disorders of Phenylalanine & Tyrosine metabolism	AN Dissection 21.11 – Mediastinum		PY3.16 -DOAP- Demonstrate Harvard Step test and describe the impact on induced physiologic parameters in a simulated environment-2	Sports
	WEDNESDAY	AN – 25.2,3 development of interatrial and interventricular septum	PY (Tutorial)	PY (Tutorial)	AN Dissection 22.1 – Pericardium		BI (DOAP)- BI11.7, Practicals Demonstrate the estimation of urine creatinine & creatinine clearance	Sports
	THURSDAY	BI5.4,5.5 DL Metabolism of Sulphur containing amino acids	AN 19.1, 2 Origin, course, relations, branches (or tributaries), termination of important nerves and vessels of Sole of the foot	PY5.10 Describe & discuss regional circulation - foetal, pulmonary and splanchnic circulation	AN Tutorial 19.5, 6, 7 – Arches of the foot		BI5.3,5.4,5.5 Metabolism of proteins	Extracurricular Activity
	FRIDAY	PY-SDL-PY5.4 Describe generation, conduction of cardiac impulse	AN 19.5, 6, 7 – Arches of the foot and applied anatomy	VAC			PY5.13 -DOAP- Record and interpret normal ECG in a volunteer or simulated environment-1 VI - General Medicine	Extracurricular Activity
	SATURDAY	PY-SGD-PY5.3 Discuss the events occurring during the cardiac cycle	BI (SDL) (Alternate) BI5.4, 5.5 SDL VI-IM/PA Disorders of Sulphur containing amino acids	AN - SDL 22.1 – Pericardium	AN Dissection 22.1 – Pericardium		AN Dissection 22.2 –VI - GM, Paed- External features of the heart	Extracurricular Activity

Week no.	DAY	8 - 9 am	9 - 10 am	10 - 11 am	11 am -1 pm	1 - 2 pm	2 - 4 pm	4 - 5 pm
16	MONDAY	AN 20.3, 4, 5 – Fascia lata, venous and lymphatic drainage of the lower limb, DVT	PY5.11 Describe the patho-physiology of shock, syncope	AN Hist - 52.2 Excretory system	AN Dissection 22.2 –VI - GM, Paed- External features of the heart	LUNCH	AN Hist - 52.3 Oesophagus, cardio-oesophageal junction	Sports
	TUESDAY	AN 21.1 - Sternum demonstration in batches	PY5.11 Describe the patho-physiology of heart failure, myocardial Infarction	BI5.4, BI5.5 DLVI-PE Glycine metabolism, Branched chain amino acids	AN - SGD 22.3, 22.5 – VI - GM - Blood supply of the- heart		PY5.13 -DOAP- Record and interpret normal ECG in a volunteer or simulated environment-2 VI - General Medicine	Sports
	WEDNESDAY	AN 25.4 - Cardiac developmental anomalies	PY (Tutorial)	PY (Tutorial)	AN - SGD 22.3, 22.5 – VI - GM - Blood supply of the- heart		BI (DOAP)-BI11.8 Practicals Estimation of Serum Total proteins & AG ratio	Sports
	THURSDAY	BI5.4, BI5.5 DL Tryptophan metabolism	AN 21.1, 21.2, 21.3 – Ribs demonstration in batches, thoracic inlet	PY6.1 Describe the functional anatomy of respiratory tract	AN 22.2 - Interior of the chambers of the heart		BI5.3,5.4,5.5 Metabolism of proteins	Extracurricular Activity
	FRIDAY	PY-SDL-PY5.9 Describe the factors affecting heart rate, regulation of cardiac output	AN FLIP 21.1, 21.2, 21.3 – Thoracic vertebrae demonstration in batches	AN FLIP 21.1, 21.2, 21.3 – Thoracic vertebrae demonstration in batches	AN Seminar 22.2 - Interior of the chambers of the heart		PY5.14 -DOAP- Observe cardiovascular autonomic function tests in a volunteer or simulated environment-1	Extracurricular Activity
	SATURDAY	PY-SGD-PY5.6 Describe abnormal ECG, arrhythmias, heart block and myocardial Infarction	BI (SDL) (Alternate) BI5.4, BI5.5 SDL Tryptophan metabolism	AN - SDL 22.3, 22.5 – VI - GM - Blood supply of the heart	AN Seminar 22.2 - Interior of the chambers of the heart		Formative Assessment - AN - 4	Extracurricular Activity

Week	DAY	8 - 9 am	9 - 10 am	10 - 11 am	11 am -1 pm	1 - 2	2 - 4 pm	4 - 5 pm
17	MONDAY	PY6.2 Describe the mechanics of normal respiration, pressure changes during ventilation	PY6.2 Describe the lung volume and capacities, alveolar surface tension	AN Hist - 52.2 - Testis, epididymis	AN Dissection 23.1, 23.2 - Oesophagus and thoracic duct	LUNCH	AN Hist - 52.1 Stomach, fundus and pyloric parts	Sports
	TUESDAY	AN 21.4, 5 ,7 – Intercostal muscles and nerves	PY6.2 Describe the compliance, airway resistance	BI5.4, BI5.5 DL Metabolism of Basic amino acids, Polyamines	AN - SGD 23.3 - Azygos veins		PY5.14 -DOAP- Observe cardiovascular autonomic function tests in a volunteer or simulated environment-2	Sports
	WEDNESDAY	AN 25.5,6 - Development of aortic arches, anomalies of the	PY (Tutorial)	PY (Tutorial)	AN Dissection 23.4 - Arch of aorta, descending thoracic aorta		BI (DOAP)-BI11.8 Practicals Estimation of SerumAlbumin & AG ratio	Sports
	THURSDAY	BI5.4, BI5.5 DL VI-PS Metabolism of Acidic amino acids	AN 21.6 - Intercostal vessels, internal thoracic vessels	PY6.2 Describe the ventilation, V/P ratio,diffusion capacity of lungs	AN Dissection 23.5, 23.6 – Thoracic sympathetic chain, splanchnic nerves		BI5.3,5.4,5.5 Metabolism of proteins	Extracurricular Activity
	FRIDAY	PY-SDL-PY5.7 Describe and discuss haemodynamics of circulatory system	AN 21.11 – Mediastinum	AN 21.11 – Mediastinum	AN Dissection 23.5, 23.6 – Thoracic sympathetic chain, splanchnic nerves		PY5.16 -DOAP- Record Arterial pulse tracing using finger plethysmography in a volunteer or simulated environment-1	Extracurricular Activity
	SATURDAY	PY-SGD-PY5.10 Describe & discuss microcirculation, Arterial, venous system & lymphatic circulation	PY-SGD-PY5.9 Describe the regulation of blood pressure & factors affecting	AN - SDL 23.3 - Azygos veins	CM 1.6 IEC and BCC CM 1.7 Enumerate and describe health indicators		Formative Assessment - PY - 4	Extracurricular Activity

Week	DAY	8 - 9 am	9 - 10 am	10 - 11 am	11 am -1 pm	1 - 2	2 - 4 pm	4 - 5 pm
18	MONDAY	BI6.9, 6.10DL Plasma proteins- Types, Functions, and clinical importance	PY6.3 Describe and discuss the transport of respiratory gases: Oxygen, Carbon dioxide	AN Hist - 52.2 - Vas deferens, prostate, penis	AN Dissection 24.1 – The pleurae	LUNC H	AN Hist - 52.1 Small intestine	Sports
	TUESDAY	AN 22.1 – Pericardium	PY6.3 Describe Regulation of respiration	BI6.2, 6.3DL Purine synthesis	AN -SGD 24.2, 24.3 – Lungs and bronchopulmonary segments		PY5.16 -DOAP- Record Arterial pulse tracing using finger plethysmography in a volunteer or simulated environment-2 VI - General Medicine	Sports
	WEDNESDAY	AN - SDL - 25.4 ASD, VSD, Fallot's tetralogy, PDA, Coarctation of aorta	PY (Tutorial)	PY (Tutorial)	AN -SGD 24.2, 24.3 – Lungs and bronchopulmonary segments		BI (DOAP)-BI- Quantitative experiment-Exam	Sports
	THURSDAY	BI6.2, BI6.3, BI11.17 DL VI-OR Purine degradation, & disorders	AN 22.2 – External features of the heart	PY6.3 Describe Regulation of respiration	AN Dissection 24.5, 24.6 - Phrenic nerve, blood supply to lungs, trachea		BI6.2, BI6.3, BI11.17 SGD VI-OR Purine degradation, & disorders	Extracurricular Activity
	FRIDAY	PY-SDL-PY5.8 Describe and discuss local and systemic cardiovascular regulatory mechanisms	AN FLIP 22.3, 22.4, 22.5 – Blood supply of the heart	AN FLIP 22.3, 22.4, 22.5 – Blood supply of the heart	AN Dissection 24.5, 24.6 - Phrenic nerve, blood supply to lungs, trachea		PY6.9 -DOAP- Demonstrate the correct clinical examination of the respiratory system in a normal volunteer or simulated	Extracurricular Activity
	SATURDAY	PY-SGD-PY5.10 Describe & discuss regional circulation - coronary, cerebral, skin	PY-SGD-PY5.10 Describe & discuss regional circulation - foetal, pulmonary and splanchnic circulation	AN - SDL 24.2, 24.3 – Lungs	CM 1.8 Describe demographic profile of India and its impact on health		Formative Assessment - BI - 4	Extracurricular Activity

Week	DAY	8 - 9 am	9 - 10 am	10 - 11 am	11 am -1 pm	1 - 2	2 - 4 pm	4 - 5 pm
19	MONDAY	AN 22.2 - Interior of the chambers of the heart	PY6.4 Describe and discuss the physiology of high altitude	AN Hist - 52.2 Ovary, uterine tube, uterus, cervix	AN SGD 25.9 - Surface marking of the thoracic structures	LUNCH	AN Hist - 52.1 Large intestine, appendix	Sports
	TUESDAY	AN 22.2 - Interior of the chambers of the heart	PY6.4 Describe and discuss the physiology of deep sea diving and decompression sickness	BI6.2, 6.3 DL Pyrimidine metabolism, & disorders	AN SGD 25.7, 25.8 – Radiology of the thorax		PY6.9 -DOAP- Demonstrate the correct clinical examination of the respiratory system in a normal volunteer or simulated environment-2	Sports
	WEDNESDAY	AN 25.6 - Development of major veins of the thorax	PY (Tutorial)	PY (Tutorial)	AN - SGD 53.1 to 53.4 Hip bone demonstration		BI (DOAP)-BI11.5, 11.16,11.19 DEMO Paper chromatography of amino acid, TLC	Sports
	THURSDAY	BI6.1 DL VI-IM Integration of metabolism and homeostasis in fed state	AN 22.4, 22.6, 22.7 - Ischaemic heart disease, fibrous skeleton of the heart, conducting system of the heart	PY6.5 Describe and discuss the principles of acclimatization	AN Tutorial -22.2 - Right Atrium		BI-SGD-Spotters	Extracurricular Activity
	FRIDAY	PY-SDL-PY5.11 Describe the pathophysiology of shock, syncope	AN 23.1, 23.2, 23.7 - Oesophagus and thoracic duct, applied anatomy	AETCOM - BI 1.4 Module			PY6.8 DOAP- Demonstrate the correct technique to perform & interpret Spirometry-1 VI - Respiratory	Extracurricular Activity
	SATURDAY	PY-SGD-PY5.11 Describe the pathophysiology of heart failure, myocardial Infarction	PY-SGD-PY6.2 Describe the mechanics of normal respiration, pressure changes during ventilation	AN - SDL 25.6 - Development of major veins of the thorax	FAP		AN Tutorial -22.2 - Right Atrium	Extracurricular Activity

Week	DAY	8 - 9 am	9 - 10 am	10 - 11 am	11 am -1 pm	1 - 2	2 - 4 pm	4 - 5 pm
20	MONDAY	PY6.5 Describe and discuss the principles of artificial respiration, oxygen therapy	PY6.6 Describe and discuss the pathophysiology of dyspnoea, hypoxia, cyanosis asphyxia; drowning, periodic breathing	AN Hist - 52.2 Placenta, mammary gland, umbilical cord	AN Dissection 44.1 - Planes and regions of the anterior abdominal wall	LUNCH	AN Hist - 52.1 Liver, gall bladder, pancreas	Sports
	TUESDAY	AN 23.3 - Azygos veins	PY6.7 Describe and discuss lung function tests & their clinical significance	BI6.DL VI-IM Integration of metabolism and homeostasis in starvation	AN Dissection 44.2 – Vessels and nerves, fascia of the anterior abdominal wall		PY6.8 DOAP- Demonstrate the correct technique to perform & interpret	Sports
	WEDNESDAY	AN 52.4 to 52.8 - Development of the abdominal organs - GIT - Stomach, Duodenum, Liver,	PY (Tutorial)	PY (Tutorial)	AN Dissection 44.6, 44.7 – Muscles of the anterior abdominal wall, incisions		BI (DOAP)- BI11.16,I11.19 DEMO PAGE, Protein electrophoresis	Sports
	THURSDAY	BI6.5 DL VI-OR Classification of vitamins Vitamin D & C	AN 23.4 - Arch of aorta, descending thoracic aorta	PY4.1 Describe the structure and functions of digestive system,Biochemistry HI - Human Anatomy PY4.2 Describe the composition, mechanism of secretion, functions, and regulation of saliva HI - Biochemistry	AN - Dissection 44.3 – Rectus sheath		BI6.SGD VI-IM Integration of metabolism	Extracurricular Activity
	FRIDAY	PY-SDL-PY6.2 Describe the lung volume and capacities, alveolar surface tension	AN FLIP 23.5, 23.6 – Thoracic sympathetic chain, splanchnic nerves	VAC			PY6.10-DOAP- Demonstrate the correct technique to perform measurement of peak	Extracurricular Activity
	SATURDAY	PY-SGD-PY6.2 Describe the compliance, airway resistance	PY-SGD-PY6.2 Describe the ventilation, V/P ratio,diffusion capacity of lungs	AN - SDL 44.1 - Planes and regions of the anterior abdominal wall	AN - Seminar 44.3 – Rectus sheath		AN Dissection - 44.4, 44.5 –VI - G.S. -Inguinal canal	Extracurricular Activity

Week	DAY	8 - 9 am	9 - 10 am	10 - 11 am	11 am -1 pm	1 - 2	2 - 4 pm	4 - 5 pm
21	MONDAY	BI 6.5 DL VI-OP Vitamin A AN 22.2 – External features of the heart	PY4.5 Describe the source of GIT hormones, their regulation and functions	AN Hist 35.2 - Endocrine glands	AN Dissection - 44.4, 44.5 –VI - G.S. -Inguinal canal	LUNC H	AN Hist - 52.2 Excretory system	Sports
	TUESDAY	AN 24.1 – The pleurae	PY4.2 Describe the composition, mechanism of secretion, functions, and regulation of gastric, pancreatic	BI 6.5 DL Vitamin E&K	AN - SGD 46.1, 46.2, 46.3 -Testis, epididymis, penis		PY6.10-DOAP- Demonstrate the correct technique to perform measurement of peak expiratory flow rate in a normal volunteer or simulated environment- 2	Sports
	WEDNESDAY	AN 52.4 to 52.8 - Development of the abdominal organs - Urinary system - Kidneys, anomalies	PY (Tutorial)	PY (Tutorial)	AN - SGD 46.1, 46.2, 46.3 -Testis, epididymis, penis		BI (DOAP)-BI11.9 BI11.10 Practicals Estimation of Total serum cholesterol & TG	Sports
	THURSDAY	BI 6.5 DL VI-IM B1- Thiamine,	AN 24.2, 24.3 – Lungs and broncho- pulmonary segments	PY4.7 Describe & discuss the structure and functions of liver and gall bladder HI - Biochemistry	AN Dissection 47.1 – Parts of peritoneal cavity		BI (DOAP)-BI6.5 SGD Fat soluble vitamins-A,D,E and K	Extracurricular Activity
	FRIDAY	PY-SDL-PY6.3 Describe and discuss the transport of respiratory gases: Oxygen, Carbon dioxide	AN 24.4, 24.5, 24.6 - Phrenic nerve, blood supply to lungs, trachea	AN 24.4, 24.5, 24.6 - Phrenic nerve, blood supply to lungs, trachea	AN Dissection 47.1 – Parts of peritoneal cavity		PY4.10 -DOAP- Demonstrate the correct clinical examination of the abdomen in a normal volunteer or simulated environment-	Extracurricular Activity
	SATURDAY	PY-SGD-PY6.3 Describe Regulation of respiration	BI (SDL)	AN - SDL 46.1, 46.2, 46.3 - Testis, epididymis, penis	AN Dissection 47.1 – Parts of peritoneal cavity		Formative Assessment - AN - 5	Extracurricular Activity
			BI 6.5 SDL VI-IM B2- Riboflavin B3-Niacin					

Week	DAY	8 - 9 am	9 - 10 am	10 - 11 am	11 am -1 pm	1 - 2	2 - 4 pm	4 - 5 pm
22	MONDAY	AN 53.1 to 53.4 – Lumbar vertebrae demonstration	PY4.2 Describe the composition, mechanism of secretion, functions, and regulation of bile secretion and intestinal juices	AN Hist 64.1 - Central Nervous system, special senses	AN SGD - 47.5 – Orientation of viscera of abdomen	LUNCH	AN Hist - 52.2 Ovary, uterine tube, uterus, cervix	Sports
	TUESDAY	AN 53.1 to 53.4 – Sacrum demonstration	PY4.3 Describe GIT movements, regulation and functions. Describe defecation reflex. Explain role of dietary fibre.	BI 6.5 DL B5-Pantothenic acid, B6-Pyridoxine, B7-Biotin	AN Dissection - 47.5 – Stomach, spleen		PY4.10 -DOAP- Demonstrate the correct clinical examination of the abdomen in a normal volunteer or	Sports
	WEDNESDAY	AN – 52.4 to 52.8 – Development of the abdominal organs – Urinary Ducts' system	PY (Tutorial)	PY (Tutorial)	AN Dissection 47.9 - Ventral branches of the abdominal aorta, Coeliac trunk		BI (DOAP)-BI 11.13, 11.14 Practicals Demonstrate the Estimation of SGOT/ SGPT & Estimation of Alkaline phosphatase	Sports
	THURSDAY	BI 6.5 DL VI-OG B9-folic acid, 1 carbon metabolism	AN 53.1 to 53.4 – Bony pelvis demonstration	PY4.9 Discuss the physiology aspects of: peptic ulcer, gastrooesophageal reflux disease, vomiting, diarrhoea, constipation, Adynamic ileus,	AN Dissection 47.9 - Ventral branches of the abdominal aorta, Mesenteric arteries		BI (DOAP)-BI6.5 SGD Vitamin C	Extracurricular Activity
	FRIDAY	PY-SDL-PY6.4 Describe and discuss the physiology of high altitude	AN FLIP 44.1 - Planes and regions of the anterior abdominal wall	AN FLIP 44.1 - Planes and regions of the anterior abdominal wall	AN Dissection 47.9 - Ventral branches of the abdominal aorta, Mesenteric arteries		PY11.13-DOAP- Obtain history and perform general examination in the volunteer / simulated environment-	Extracurricular Activity
	SATURDAY	PY-SGD-PY6.4 Describe and discuss the physiology of deep sea diving and decompression	BI (SDL) (Alternate	AN - SDL 47.9 - Coeliac trunk	CM 1.9 Effective communication skills in health in a simulated environment – 1		Formative Assessment - PY - 5	Extracurricular Activity
		BI 6.5 SDL B12, Vitamin like compounds						

Week no.	DAY	8 - 9 am	9 - 10 am	10 - 11 am	11 am -1 pm	1 - 2 pm	2 - 4 pm	4 - 5 pm
23	MONDAY	PY4.8 Describe & discuss gastric function tests, pancreatic exocrine function tests & liver function tests	PY4.4 Describe the physiology of digestion and absorption of nutrients HI - Biochemistry	AN Gene 73.1, 2, 3 - Structure of chromosomes, Lyon's hypothesis	AN 47.5 – Pancreas, duodenum	LUNCH	AN Hist - 52.2 Placenta, mammary gland, umbilical cord	Sports
	TUESDAY	AN 44.6, 44.7 – Muscles of the anterior abdominal wall, incisions	PY4.6 Describe the Gut-Brain Axis	BI6.9,6.10 DL VI-OR Classification of Minerals, Calcium metabolism	AN 47.5 - Liver		PY11.13-DOAP- Obtain history and perform general examination in the volunteer / simulated environment-	Sports
	WEDNESDAY	AN 52.4 to 52.8 - Development of the abdominal organs – Male genital structures	PY (Tutorial)	PY (Tutorial)	AN 47.5 - Kidneys		BI (DOAP)-BI11.12 Demonstrate the estimation of seum bilirubin	Sports
	THURSDAY	BI11.12 Demonstrate the estimation of seum bilirubin	AN 44.2 – Vessels and nerves, fascia of the anterior abdominal wall	PY7.1 Describe structure and function of kidney	AN Dissection 47.5 – Pancreas		BI (DOAP)-BI10.3,10.4 SGD VI-OR Classification of Minerals, Calcium metabolism	Extracurricular Activity
	FRIDAY	PY-SDL-PY6.5 Describe and discuss the principles of artificial	AN 44.4, 44.5 – Inguinal canal	AN 44.4, 44.5 – Inguinal canal	AN Tutorial 47.5 – Pancreas		PY11.14 -DOAP- Demonstrate Basic Life Support in a simulated environment-1 VI - General Medicine /	Extracurricular Activity
	SATURDAY	PY-SGD-PY6.6 Describe and discuss the pathophysiology of dyspnoea, hypoxia, cyanosis asphyxia; drowning, periodic breathing	BI (SDL) (Alternate BIII6.9,6.10 SDL VI-IM Iron metabolism	AN - SDL 47.5 – Duodenum	CM 1.9 Effective communication skills in health in a simulated environment – 2 CM 1.10 Important aspects of doctor- patient relationship in a simulated environment - 1		Formative Assessment - BI - 5-BI- Formative Assessment	Extracurricular Activity

Week	DAY	8 - 9 am	9 - 10 am	10 - 11 am	11 am -1 pm	1 - 2	2 - 4 pm	4 - 5 pm
24	MONDAY	BI10.3 DL Minerals- Sulfur, Fluoride, Iodine, Lithium	PY7.2 Describe the structure and functions of juxta glomerular apparatus and role of renin-angiotensin system	AN Gene 73.1, 2, 3 - Culture of chromosomes	AN - Dissection - 47.12, 47.13, 47.14 – Diaphragm, sympathetic plexuses	LUNCH	AN Hist - 52.2 Testis, epididymis, vas deferens	Sports
	TUESDAY	AN 46.1, 46.2, 46.4 Testis, epididymis, varicocele	PY7.3 Describe the mechanism of urine formation involving processes of filtration, tubular reabsorption & secretion	BI8.1 DLVI-CM Importance of various dietary components, Calorific value, RQ, SDA, BMR	AN SGD - 47.8 – Portal vein, IVC, Renal veins		PY11.14 -DOAP- Demonstrate Basic Life Support in a simulated environment-2 VI - General Medicine / VI - Anaesthesiology	Sports
	WEDNESDAY	AN – 52.4-8 Mesonephric and paramesonephric ducts	PY (Tutorial)	PY (Tutorial)	AN Dissection 45.2 – Lumbar plexus		BI (DOAP)-BI11.16 pH meter, ELISA	Sports
	THURSDAY	BI8.4 DL VI-IM Obesity & Regulators of appetite Glycemic index	AN 46.3, 46.5 - Penis and circumcision	PY7.3 Describe the mechanism of urine formation involving processes of filtration, tubular reabsorption & secretion	AN– Seminar – 49.4, 5 – Anal region		BI (DOAP)-BI6.9,6.10 SGD Minerals	Extracurricular Activity
	FRIDAY	PY-SDL-PY6.7 Describe and discuss lung function tests & their clinical significance	AN FLIP 47.1 - Boundaries and recesses of Lesser & Greater sac	AETCOM - BI			PY-Seminar- Hematology-1	Extracurricular Activity
	SATURDAY	PY-SGD-PY4.5 Describe the source of GIT hormones, their regulation and functions	BI (SDL) BI8.1 SDL Importance of various dietary components, Dietary fibre	AN - SDL 47.12, 47.13, 47.14 – Diaphragm	FAP		AETCOM - Assessment	Extracurricular Activity

	Second Internal Assessment - Theory Examination
	Second Internal Assessment - Theory Examination
	Second Internal Assessment - Theory Examination
	Second Internal Assessment - Practical Examination
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	Second Internal Assessment - Practical Examination



Week no.	DAY	8 - 9 am	9 - 10 am	10 - 11 am	11 am -1 pm	1 - 2 pm	2 - 4 pm	4 - 5 pm
25	MONDAY	AN 47.2 - Peritoneal folds and pouches	PY7.3 Describe the mechanism of urine concentration and diluting mechanism	AN Gene 75.1, 2, 3 Chromosomal aberrations, syndromes	AN – Dissection – 49.1 – Perineal pouches	LUNCH	AN Hist - 52.2 Prostate, penis	Sports
	TUESDAY	AN 47.5 – Stomach, spleen	PY7.4 Describe & discuss the significance & implication of Renal clearance	BI8.2 DL VI-PE Protein energy malnutrition	AN– SGD – 48.2 – Pelvic viscera - Ovaries, Uterus, Uterine tubes		PY-Seminar- Hematology-2	Sports
	WEDNESDAY	AN – 52.4 to 52.8 – Development of the abdominal organs – Female genital structures	PY (Tutorial)	PY (Tutorial)	AN– SGD – 48.2 – Pelvic viscera - Urinary bladder, Prostate, Seminal vesicle		BI (DOAP)-BI11.16 BI11.19 DEMO Auto analyser, Quality control	Sports
	THURSDAY	BI 6.11, 6.12 DL HI-PY, VI-PA Types of Haemoglobin, Structure and functions of Heme	AN 47.9 – Coeliac trunk	PY7.5 Describe the renal regulation of fluid and electrolytes	AN – Dissection – 48.3, 48.4 – Internal iliac artery, sacral plexus		BI (DOAP)-BI8.1-8.4 SGD Nutrition	Extracurricular Activity
	FRIDAY	PY-SDL-PY4.2 Describe the composition, mechanism of secretion, functions, and	AN 47.9 – Mesenteric arteries	VAC			PY-Seminar- Hematology-3	Extracurricular Activity
	SATURDAY	PY-SGD-PY4.7 Describe & discuss the structure and functions of liver and gall bladder	PY-SGD-PY4.2 Describe the composition, mechanism of secretion, functions, and regulation of bile secretion and intestinal juices	AN - SDL 48.2 – Urinary bladder	AN – Dissection – 49.1, 2,3 – Urogenital region		AN 45.1, 45.3 - Thoracolumbar fascia, back muscles	Extracurricular Activity

Week no.	DAY	8 - 9 am	9 - 10 am	10 - 11 am	11 am -1 pm	1 - 2 pm	2 - 4 pm	4 - 5 pm
26	MONDAY	PY7.5 Describe the renal regulation of acid-base balance	PY7.6 Describe the innervations of urinary bladder, physiology of micturition and its abnormalities	AN Gene 74.1 - Modes of inheritance	AN – Dissection – 50.2 – Joints of the vertebral column, pelvis	LUNCH	AN Hist - 35.2 Thyroid, parathyroid, pineal glands	Sports
	TUESDAY	AN 47.5 – Duodenum	PY7.7 Describe artificial kidney, dialysis and renal transplantation VI - General Medicine	BI 5.2, 6.11, 6.12 DL VI-PA Abnormal haemoglobins, Hemoglobinopathies	AN – Dissection – 51.1, 2 – Planes of the abdomen, pelvis section		PY-Seminar-Muscle & Nerve-1	Sports
	WEDNESDAY	AN 52.5 - Development and congenital anomalies of Diaphragm	PY (Tutorial)	PY (Tutorial)	AN – 54.1, 2, 3 – Radiology of the abdomen		BI (DOAP)-BI11.11 DEMO Estimation of Calcium & Phosphorus	Sports
	THURSDAY	BI6.11 DLVI-IM Heme synthesis and Porphyrin's	AN 47.5 Pancreas	PY7.9 Describe cystometry and discuss the normal cystometrogram	AN– 55.1, 2 – Surface anatomy of the abdomen		BI (DOAP)-BI8.1-8.4 SGD Nutrition	Extracurricular Activity
	FRIDAY	PY-SDL-PY4.3 Describe GIT movements, regulation and functions. Describe defecation reflex. Explain role of dietary fibre.	AN FLIP 47.5 –Liver	AN FLIP 47.5 –Liver	AN– 55.1, 2 – Surface anatomy of the abdomen		PY-Seminar-Muscle & Nerve-2	Extracurricular Activity
	SATURDAY	PY-SGD-PY4.9 Discuss the physiology aspects of: peptic ulcer, gastroesophageal reflux disease, vomiting, diarrhoea,	PY (SGD)-PY4.8 Describe & discuss gastric function tests, pancreatic exocrine function tests & liver function tests	AN - SDL 52.5 - Development of Diaphragm	AN– 55.1, 2 – Surface anatomy of the abdomen		Formative Assessment - AN - 6	Extracurricular Activity

Week no.	DAY	8 - 9 am	9 - 10 am	10 - 11 am	11 am -1 pm	1 - 2 pm	2 - 4 pm	4 - 5 pm
27	MONDAY	BI6.11, 6.12 DL Heme degradation, Types of congenital Jaundice	PY7.8 Describe & discuss Renal Function Tests HI - Biochemistry	AN Gene - 75.3, 4 Numerical and structural abnormalities	AN – Dissection - 27.1 – Scalp	LUNCH	AN Hist - 35.2 Suprarenal, pituitary glands	Sports
	TUESDAY	AN 47.5 – Kidneys	PY8.2 Introduction to endocrinology, Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland	BI7.2 DL DNA replication	AN – Dissection - 27.1 – Scalp		PY-Seminar- Gastrointestinal Tract-1	Sports
	WEDNESDAY	AN 43.4 – Branchial apparatus, Pharyngeal arches	PY (Tutorial)	PY (Tutorial)	AN – Dissection - 27.1 – Scalp		BI (DOAP)-BI - OSPE	Sports
	THURSDAY	BI7.2 DL DNA replication	AN - 47.8 – Portal vein, IVC, Renal veins	PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland	AN Tutorial 43.4 – Pharyngeal arches		BI (DOAP)-BI6.11, 6.12 SGD Heme Metabolism	Extracurricular Activity
	FRIDAY	PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of	AN 47.10, 47.11 – Portosystemic anastomoses	AN 47.10, 47.11 – Portosystemic anastomoses	AN Tutorial 43.4 – Pharyngeal arches		PY-Seminar- Gastrointestinal Tract-2	Extracurricular Activity
	SATURDAY	PY-SGD-PY4.6 Describe the Gut- Brain Axis	PY-SGD-PY4.8 Describe & discuss gastric function tests, pancreatic exocrine function tests & liver	AN - SDL 27.1 – Scalp	CM 1.10 Important aspects of doctor- patient relationship in a simulated environment - 2		Formative Assessment - PY - 6	Extracurricular Activity

Week no.	DAY	8 - 9 am	9 - 10 am	10 - 11 am	11 am -1 pm	1 - 2 pm	2 - 4 pm	4 - 5 pm
28	MONDAY	AN 47.13, 47.14 – The diaphragm	PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of thyroid gland	AN – 49.4, 5 – Anal region	AN Dissection 28.1, 2, 3, 6 – Dissection of the Face	LUNCH	AN Hist - 64.1 Cerebrum, cerebellum	Sports
	TUESDAY	AN – 49.1 – Perineal pouches	PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of thyroid gland	BI7.2 DL Transcription	AN Dissection 28.1, 2, 3, 6 – Dissection of the Face		PY-Seminar- Cardiovascular System- 1	Sports
	WEDNESDAY	AN 43.4 – Branchial apparatus, Pharyngeal clefts and pouches	PY (Tutorial)	PY (Tutorial)	AN –SGD – 28.1, 2,3,6 –Deep dissection of the Face		BI (DOAP)-BI-OSPE	Sports
	THURSDAY	BI7.2 DL Translation	AN – 48.5 – Pelvic viscera, Uterus	PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of	AN Seminar 29.1 to 29.4 – Posterior triangle of the neck		BI (DOAP)-BI7.2 SGD DNA replication	Extracurricular Activity
	FRIDAY	PY8.1 Describe the physiology of bone and calcium metabolism	AN – 48.5, 48.6, 48.7 – Urinary bladder, prostate	AN FLIP 48.5, 48.8 – Rectum, Anal canal	AN Seminar 29.1 to 29.4 – Posterior triangle of the neck		PY-Seminar- Cardiovascular System- 2	Extracurricular Activity
	SATURDAY	PY-SGD-PY7.2 Describe the structure and functions of juxta glomerular apparatus and role	PY-SGD-PY7.3 Describe the mechanism of urine formation involving processes of filtration, tubular reabsorption & secretion	AN - SDL 29.1 to 29.4 – Posterior triangle of the neck	CM 2.1 Describe the steps and perform clinic- socio-cultural assessment of the individual, family and community – 1 CM 2.1 Describe the steps and perform clinic- socio-		Formative Assessment - BI - 6	Extracurricular Activity

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Week	DAY	8 - 9 am	9 - 10 am	10 - 11 am	11 am -1 pm	1 - 2	2 - 4 pm	4 - 5 pm
29	MONDAY	PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of	PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of adrenal gland,	AN – 48.3, 48.4 – Intenal iliac artery, Sacral plexus	AN Dissection - 42.1, 2, 3 Back of the neck, Suboccipital triangle	LUNCH	AN Hist - 64.1 Spinal cord, eye lid	Sports
	TUESDAY	AN 50.2 - Intervertebral joints, Sacroiliac joints & Pubic symphysis	PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pancreas	BI7.2 DL Genetic code	AN Dissection 32.1, 2 – Anterior triangle of neck		PY-Seminar-Respiratory System-1	Sports
	WEDNESDAY	AN 43.4 – Development of face, palate, anomalies	PY (Tutorial)	PY (Tutorial)	AN Dissection 32.1, 2 – Anterior triangle of neck		BI (DOAP)-BI-Tutorials	Sports
	THURSDAY	BI7.1BI7.3DLCell cycle, Apoptosis, Mutations	AN – 50.1, 3, 4 – Vertebral column, applied anatomy	PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of	AN Dissection - 42.1 Vertebral canal		BI (DOAP)-BI7.2 SGD Transcription	Extracurricular Activity
	FRIDAY	PY8.3- Describe the physiology of Thymus & Pineal Gland	AN – Demonstration – 26.1, 2 – Norma Frontalis, Occipitalis	AN – Demonstration – 26.1, 2 – Norma Frontalis, Occipitalis	AN Dissection - 42.1 Vertebral canal		PY-Seminar-Respiratory System-2	Extracurricular Activity
	SATURDAY	PY-SGD-PY7.3 Describe the mechanism of urine concentration and diluting mechanism	BI (SDL) (Alternate BI7.3 SDL Regulation of Gene expression in prokaryotes & Eukaryotes	AN - SDL 42.1, 2, 3 Back of the neck, Suboccipital triangle	FAP		AN – Demonstration – 26.2 – Norma Basalis	Extracurricular Activity

Week	DAY	8 - 9 am	9 - 10 am	10 - 11 am	11 am -1 pm	1 - 2	2 - 4 pm	4 - 5 pm
30	MONDAY	BI7.4 DL Vectors, DNA Recombination Applications of Recombinant Technology,	PY8.4- Describe function tests: Thyroid gland; Adrenal cortex, Adrenal medulla and pancreas HI - Biochemistry	AN – Demonstration – 26.2 – Norma Verticalis, Lateralis, Infratemporal fossa	AN Dissection 30.3, 4 – Dural venous sinuses, cavernous sinus	LUNC H	AN Hist - 41.1 Cornea, retina	Sports
	TUESDAY	AN – Demonstration – 26.2 – Norma Basalis	PY8.5 Describe the metabolic and endocrine consequences of obesity & metabolic syndrome, Stress response. Outline the psychiatry component pertaining to	BI7.4 DL PCR	AN Dissection 31.1 to 31.5 – Orbit		PY-Seminar-Renal Physiology-1	Sports
	WEDNESDAY	AN 43.2 – Development of the Pituitary gland, Salivary glands, epiglottis	PY (Tutorial)	PY (Tutorial)	AN - SGD 31.1 to 31.5 - VI - Oph- Orbit		BI (DOAP)-BI11.17 Nephrotic syndrome, Edema, Renal failure	Sports
	THURSDAY	BI7.4 DL Blotting techniques	AN – Demonstration – 26.5, 7 – Cervical vertebrae	PY8.6 Describe & differentiate the mechanism of action of steroid, protein and amine hormones	AN - SGD 31.1 to 31.5 - VI - Oph- Orbit		BI (DOAP)-BI7.2 SGD Translation	Extracurricular Activity
	FRIDAY	PY9.1 Describe and discuss sex determination; sex differentiation and their abnormalities and outline psychiatry and	AN FLIP 26.4 – Mandible demonstration	VAC			PY-Seminar-Renal Physiology-2	Extracurricular Activity
	SATURDAY	PY-SGD-PY7.4 Describe & discuss the significance & implication of Renal clearance	BI (SDL) (Alternate BI7.4 SDL DNA Polymorphism, CRISPR-CAS9, Gene therapy, Gene library, HGP DNA fingerprinting	AN - SDL 30.3, 4 – Dural venous sinuses, cavernous sinus	AN - 30.3, 4 – Dural venous sinuses, cavernous sinus		AN - SGD 31.1 to 31.5 - VI - Oph- Orbit	Extracurricular Activity

Week	DAY	8 - 9 am	9 - 10 am	10 - 11 am	11 am -1 pm	1 - 2	2 - 4 pm	4 - 5 pm
31	MONDAY	AN 27.1, 2 – Scalp, Boundaries, layers	PY9.2 Describe and discuss puberty: onset, progression, stages; early and delayed puberty and outline adolescent clinical and	AN 27.1, 2 – Scalp, Vessels and nerves, applied anatomy	AN Dissection 28.9 – Parotid gland	LUNCH	AN Hist - 41.1 Sclerocorneal junction, optic nerve	Sports
	TUESDAY	AN 28.1, 6 – Muscles of facial expression	PY9.3 Describe male reproductive system: functions of testis and control of spermatogenesis & factors modifying it and outline its association with psychiatric illness	BI6.13-6.15 DL Mechanism of action of Hormones	AN 33.1 – Boundaries and contents of temporal and infratemporal regions		PY-Seminar-Renal Physiology-3	Sports
	WEDNESDAY	AN 43.4 – Development of Thyroid gland, anomalies	PY (Tutorial)	PY (Tutorial)	AN - SGD 33.1 to 33.5 – Temporal and infratemporal regions		BI (DOAP)-BI-Revision Practicals	Sports
	THURSDAY	BI6.13, BI6.14, BI6.15 DL Anterior Pituitary Hormones	AN 28.2 – Sensory innervation of the face	PY9.4 Describe female reproductive system: (a) functions of ovary and its control; (b) menstrual cycle - hormonal, uterine and ovarian changes	AN Dissection 28.1, 6 – Muscles of facial expression		BI (DOAP)-BI7.4 SGD Recombinant Technology,	Extracurricular Activity
	FRIDAY	PY9.4 Describe female reproductive system: (a) functions of ovary and its control; (b) menstrual cycle -	AN 28.3, 4, 7, 8 –VI - G.S.- Facial nerve on the face, Vessels on the face, deep facial vein	AN 28.3, 4, 7, 8 –VI - G.S.- Facial nerve on the face, Vessels on the face, deep facial vein	AN Tutorial 28.1, 6 – Muscles of facial expression		PY-Seminar-Endocrine Physiology-1	Extracurricular Activity
	SATURDAY	PY-SGD-PY7.5 Describe the renal regulation of fluid and electrolytes	BI (SDL) (Alternate BI6.13 -I6.15 SDL VI-IM Posterior pituitary hormones	AN - SDL 28.9 – Parotid gland	AN - 28.9 – Parotid gland		Formative Assessment - AN - 7	Extracurricular Activity

Week	DAY	8 - 9 am	9 - 10 am	10 - 11 am	11 am -1 pm	1 - 2	2 - 4 pm	4 - 5 pm
32	MONDAY	PY9.6 Enumerate the contraceptive methods for male and female. Discuss their advantages & disadvantages , VI - OBGY /	PY9.8 Describe and discuss the physiology of pregnancy, parturition & lactation and outline the psychology and psychiatry-disorders associated with it. VI -OBGY	AN 29.1 to 29.4 – Posterior triangle of the neck	AN Dissection 33.1 to 33.5 – Infratemporal region	LUNCH	AN Hist - 40.3 Organ of corti	Sports
	TUESDAY	AN 32.1, 2 – Boundaries, subdivisions of anterior triangle, Digastric triangle	PY9.5 Describe and discuss the physiological effects of sex hormones , PY9.7 Describe and discuss the effects of removal of gonads on physiological functions, PY9.11 Discuss the	BI6.13, BI6.14, BI6.15 DL VI-SU Practicals Synthesis of Thyroid hormones & TFT& Disorders	AN Dissection 33.1 to 33.5 – Infratemporal region		PY-Seminar-Endocrine Physiology-2	Sports
	WEDNESDAY	AN 43.4 – Development of tongue, eye	PY (Tutorial)	PY (Tutorial)	AN - SGD 34.1, 2 – Submandibular region		BI (DOAP)-BI-Revision Practicals	Sports
	THURSDAY	BI6.13 -I6.15 DL Steroid Hormones, Adrenal function tests	AN 32.2 – Submental, Carotid and muscular triangles	PY9.9 Interpret a normal semen analysis report including (a) sperm count,(b) sperm morphology and (c) sperm motility, as per WHO	AN - Seminar 34.1, 2 – Submandibular region		BI (DOAP)-BI-SGD-Spotters	Extracurricular Activity
	FRIDAY	PY9.12 Discuss the common causes of infertility in a couple and role of IVF in managing a case of infertility	AN FLIP 26.3, 30.1, 2 – Cranial fossae and structures passing through their foramina	AN 42.2, 3 – Suboccipital triangle boundaries, contents	AN Dissection 35.1 to 35.10 – Deep structures in the neck		PY-Seminar-Endocrine Physiology-3	Extracurricular Activity
	SATURDAY	PY-SGD-PY7.5 Describe the renal regulation of acid-base balance	BI (SDL) (Alternate BI7.5 SDL VI-PH Detoxification-Phase I	AN - SDL 43.4 – Development of tongue	CM 2.2 Describe the types of family; socio-cultural factors and its role in health and disease CM 2.2 Describe the types of family; socio-		Formative Assessment - PY - 7	Extracurricular Activity

Week	DAY	8 - 9 am	9 - 10 am	10 - 11 am	11 am -1 pm	1 - 2	2 - 4 pm	4 - 5 pm
33	MONDAY	BI7.5 DL Detoxification-Phase II	PY10.1 Describe and discuss the organization of nervous system HI - Human Anatomy	AN 30.1 to 30.5 – Cranial cavity, Dural folds	AN Dissection 35.1 to 35.10 – Deep structures in the neck	LUNCH	AN Hist - 52.1, 69.1 GIT, CVS Revision	Sports
	TUESDAY	AN 30.3, 4 – Dural venous sinuses, cavernous sinus	PY10.2 Describe and discuss the functions and properties of receptors, synapse HI - Human Anatomy	BI7.6 BI7.7 DL Free Radicals, Reactive oxygen species (ROS)	AN - Dissection 36.1 to 36.5 – Mouth, pharynx and palate		PY-Seminar-Endocrine Physiology-4	Sports
	WEDNESDAY	AN 64.2, 3 - Development of nervous system	PY (Tutorial)	PY (Tutorial)	AN - SGD 36.1 to 36.5 – Mouth, pharynx and palate		BI (DOAP)-BI-Revision Practicals	Sports
	THURSDAY	BI7.6 BI7.7 DL VI-IM Role of oxidative stress in the pathogenesis of Diseases, Antioxidants	AN 31.1 – Extraocular muscles of the orbit	PY10.10 Describe and discuss chemical transmission in the nervous system. (Outline the psychiatry element).	AN Dissection 37.1 to 37.3 – Cavity of the nose		BI (DOAP)-BI6.13-6.15 SGD Mechanism of action of Hormones	Extracurricular Activity
	FRIDAY	PY10.3 Describe and discuss sensory tracts HI - Human Anatomy	AN 31.2, 3, 5 – Vessels and nerves in the orbit, Oculomotor, trochlear, abducent palsies along with strabismus	AN 31.2, 3, 5 – Vessels and nerves in the orbit, Oculomotor, trochlear, abducent palsies along with strabismus	AN Dissection 37.1 to 37.3 – Cavity of the nose		PY-Seminar-Reproductive Physiology-1	Extracurricular Activity
	SATURDAY	PY-SGD-PY7.6 Describe the innervations of urinary bladder, physiology of micturition and its abnormalities	PY-SGD-PY7.7 Describe artificial kidney, dialysis and renal transplantation	AN - SDL 36.1 to 36.5 – Pharynx	CM 2.3 Describe and demonstrate in a simulated environment the assessment of barriers to good health and health-seeking behaviour - 1		Formative Assessment - BI - 7	Extracurricular Activity

Week	DAY	8 - 9 am	9 - 10 am	10 - 11 am	11 am -1 pm	1 - 2	2 - 4 pm	4 - 5 pm
34	MONDAY	AN 31.4 – Lacrimal apparatus	PY10.3 Describe and discuss somatic sensations HI - Human Anatomy	AN 28.9 – Parotid gland, Frey’s syndrome	AN Dissection 38.1 to 38.3 – Larynx	LUNCH	AN Hist - 22.2, 3, 4, 68.1, 2, 3 RS, NS Revision	Sports
	TUESDAY	AN 33.2 – Muscles of mastication	PY10.7 Describe and discuss functions of thalamus VI - Psychiatry /HI - Human Anatomy	BI6.9, BI6.10 DL HI-PY Innate and adaptive immune responses	AN Dissection 38.1 to 38.3 – Larynx		PY-Seminar- Reproductive Physiology- 2	Sports
	WEDNESDAY	AN 33.3, 4, 5 – Temporomandibular joint, pterygoid venous plexus	PY (Tutorial)	PY (Tutorial)	AN Dissection 39.1, 2 – Tongue		BI (DOAP)-BI-Revision Practicals	Sports
	THURSDAY	BI6.9, BI6.10 DL HI-PY Cellular and humoral components of the immune system	AN 33.2 – Maxillary artery, Mandibular nerve	PY10.7 Describe and discuss functions of cerebral cortex VI - Psychiatry/ HI - Human Anatomy	AN - SGD 40.1 to 40.5 – Organs of hearing and equilibrium		BI (DOAP)- BI6.13,6.14,6.15 SGD- Hormones	Extracurricular Activity
	FRIDAY	PY10.6 Describe and discuss Spinal cord, its functions, lesion & sensory disturbances HI - Human Anatomy	AN FLIP 34.1 – Submandibular gland, Submandibular ganglion	AN FLIP 34.1 – Submandibular gland, Submandibular ganglion	AN - SGD 40.1 to 40.5 – Organs of hearing and equilibrium		PY10.11 -DOAP- Demonstrate the correct clinical examination of the nervous system: sensory system, in a normal volunteer or simulated environment-1 HI - Human Anatomy	Extracurricular Activity
	SATURDAY	PY-SGD-PY7.9 Describe cystometry and discuss the normal cystometrogram	PY-SGD-PY7.8 Describe & discuss Renal Function Tests	AN - SDL 38.1 to 38.3 – Larynx	FAP		AN - SGD 40.1 to 40.5 – Organs of hearing and equilibrium	Extracurricular Activity

Week no.	DAY	8 - 9 am	9 - 10 am	10 - 11 am	11 am -1 pm	1 - 2 pm	2 - 4 pm	4 - 5 pm
35	MONDAY	PY10.4 Describe and discuss motor System & Descending tracts HI - Human	PY10.4 Describe and discuss muscle spindle & Golgi tendon organ HI - Human Anatomy	AN 34.2 – Hyoglossus, Hypoglossal nerve, Lingual artery	AN - SGD 40.1 to 40.5 – Organs of hearing and equilibrium	LUNCH	AN Genetics - 73.2 Karyotype - normal	Sports
	TUESDAY	AN 35.1, 10 – Deep cervical fascia, fascial spaces in the neck	PY10.2 Describe and discuss the functions and properties of spinal reflexes	BI6.9, BI6.10 DL HI-PY Antigens and concepts involved in vaccine development	AN Dissection 41.1 to 41.3 – Eyeball		PY10.11 -DOAP- Demonstrate the correct clinical examination of the nervous system: sensory	Sports
	WEDNESDAY	AN 35.2, 8 – Thyroid gland	PY (Tutorial)	PY (Tutorial)	AN Dissection 43.1 – Joints of neck, atlantooccipital and atlantoaxial		BI (DOAP)-BI-Revision Practicals	Sports
	THURSDAY	BI6.9, BI6.10 DL VI-IM Types, structure functions of immunoglobulins	AN 35.5, 6 – Deep cervical lymph nodes, cervical part of the sympathetic trunk	PY10.4 Describe and discuss motor tracts, mechanism of maintenance of tone, control of body movements, posture and equilibrium & vestibular apparatus	AN Dissection 35.2, 8 – Thyroid gland		BI (DOAP)-BI6.13,6.14,6.15 SGD-Hormones	Extracurricular Activity
	FRIDAY	PY10.7 Describe and discuss functions of basal ganglia HI - Human Anatomy/ - VI - Psychiatry	AN - SGD 36.1 to 36.5 – Mouth, pharynx - interior and muscles	VAC			PY10.11 -DOAP- Demonstrate the correct clinical examination of the nervous system: motor system	Extracurricular Activity
	SATURDAY	PY-SGD-PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of	PY-SGD-PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland	AN - SDL 41.1 to 41.3 – Eyeball	AN Tutorial 35.2, 8 – Thyroid gland		AN 43.6 - Surface projection of Internal jugular vein, Subclavian vein, External jugular vein, Facial artery in the face & accessory nerve	Extracurricular Activity

Week no.	DAY	8 - 9 am	9 - 10 am	10 - 11 am	11 am -1 pm	1 - 2 pm	2 - 4 pm	4 - 5 pm
36	MONDAY	BI6.7 DL VI – IM Water balance & disorders	PY10.7 Describe and discuss functions of cerebellum HI - Human Anatomy VI - Psychiatry	AN36.1 – Palatine tonsil, soft palate	AN 43.6 - Surface projection of Internal jugular vein, Subclavian vein, External jugular vein, Facial artery in the	LUNC H	AN Genetics - 73.2 Karyotype - abnormal	Sports
	TUESDAY	AN 37.1 – Nasal septum, lateral wall of the nose	PY10.4 Describe and discuss vestibular apparatus	BI6.7DL VI – IM Electrolyte balance & disorders	AN SGD 43.8,9 - Anatomical route used for carotid angiogram and vertebral angiogram, anatomical structures in the above		PY10.11 -DOAP- Demonstrate the correct clinical examination of the nervous system: motor system in a normal volunteer	Sports
	WEDNESDAY	AN 37.2, Paranasal air sinuses	PY (Tutorial)	PY (Tutorial)	AN 43.7 - Anatomical structures in 3) Plain x-ray cervical spine-AP and lateral view 4) Plain x-ray of paranasal sinuses		BI (DOAP)-BI11.16- Electrolyte analysis by ISE & ABG analyzer	Sports
	THURSDAY	BI6.7 DL Blood buffers	AN 38.1 – Muscles of larynx	PY10.7 Describe and discuss functions of hypothalamus HI - Human Anatomy	AN Seminar 56.1, 2 – Meninges, CSF		BI (DOAP)-BI6.7 SGD Water & Electrolyte balance & disorders	Extracurricular Activity
	FRIDAY	PY10.5 Describe and discuss structure and functions of autonomic nervous system (ANS) HI - Human	AN FLIP 40.1, 2 – External ear, Middle ear, auditory tube	AN 39.1, 2 – Tongue, muscles	AN Dissection 57.1 to 57.5 – Spinal cord, external features		PY10.11 -DOAP- Demonstrate the correct clinical examination of the nervous system: reflexes in a normal volunteer or	Extracurricular Activity
		PY10.5 Describe and discuss structure and functions of reticular activating system HI - Human	PY10.12 Identify normal EEG forms VI - Psychiatry	AN - SDL 37.2, Paranasal air sinuses	AN - SGD 62.6 – Blood supply of brain, Circle of Willis		Formative Assessment AN - 8	Extracurricular Activity
SATURDAY								

Week no.		8 - 9 am	9 - 10 am	10 - 11 am	11 am -1 pm	1 - 2 pm	2 - 4 pm	4 - 5 pm
37	MONDAY	AN 41.1 – Parts and layers of the eyeball	PY10.8 Describe and discuss sleep and mechanism responsible for its production VI - Psychiatry	AN 43.1 – Joints of neck, atlantooccipital and atlantoaxial	AN - SGD 62.6 – Blood supply of brain, Circle of Willis	LUNCH	AN Genetics - 75.1, 2, 3 Klinefelter's and Down's Syndromes -	Sports
	TUESDAY	AN 43.5 - 1) Testing of muscles of facial expression, extraocular muscles, muscles of mastication, 2)	PY10.7 Describe and discuss functions of limbic system	BI6.7 DL Respiratory regulation of blood pH	AN Dissection 58.1 to 58.4 Base of the Brain, Medulla oblongata, external features		PY10.11 -DOAP- Demonstrate the correct clinical examination of the nervous system: reflexes in a normal volunteer or	Sports
	WEDNESDAY	AN 43.5 , 3) Location of internal and external jugular veins, 4) Location of hyoid bone, thyroid cartilage and	PY (Tutorial)	PY (Tutorial)	AN - SGD 58.3, 4 – Cranial nerve nuclei in the M.O.		BI (DOAP)-BI-OSPE	Sports
	THURSDAY	BI6.7 DL Renal regulation of blood pH	AN 56.2 CSF, applied anatomy	PY10.9 Describe and discuss the physiological basis of memory, learning VI - Psychiatry	AN Dissection 59.1 to 59.3 – Pons, external features		BI (DOAP)-BI6.7 ,6.8 SGD Acis base balance & Disorders	Extracurricular Activity
	FRIDAY	PY10.9 Describe and discuss the physiological basis of Language and speech VI - Psychiatry	AN 57.2, 3 – Levels of spinal cord in child and adult, cross section pictures at midcervical and midthoracic levels	AN 57.2, 3 Tracts of spinal cord at midthoracic level, AN 62.6 – Blood supply of brain, Circle of Willis	AN Dissection 59.1 to 59.3 – Pons, external features		PY10.11 & PY-10.20 - DOAP-Demonstrate the correct clinical examination of the nervous system: cranial nerves-1 To 6 in a normal volunteer or	Extracurricular Activity
	SATURDAY	PY10.7 Describe and discuss functions of cerebral cortex, Lobes of &	BI (SDL) (Alternate BI9.1, BI9.2 DLVI-IM Components of Extracellular matrix, Collagen	AN - SDL 59.1 to 59.3 – Pons	CM 2.4 Describe social pathology, community behaviour and community relationship and their impact on		Formative Assessment - PY - 8	Extracurricular Activity

Week no.	DAY	8 - 9 am	9 - 10 am	10 - 11 am	11 am -1 pm	1 - 2 pm	2 - 4 pm	4 - 5 pm
38	MONDAY	PY10.7 Describe and discuss functions of cerebrospinal fluid	PY10.17 Describe and discuss functional anatomy of eye VI - Ophthalmology	AN 62.6 – Blood supply of brain, Circle of Willis	AN Dissection 60.1,2,3- Cerebellum, external and internal features	LUNCH	AN Genetics - 75.1, 2, 3 Turner's Syndrome	Sports
	TUESDAY	AN 58.1 to 58.4 Medulla oblongata, external features Cross sections of M.O. at pyramidal decussation	PY10.17 Describe and discuss physiology of image formation VI - Ophthalmology	BI9.1BI9.2 DLVI-IM Collagen Disorders	AN Dissection 60.1,2,3- Cerebellum, external and internal features		PY10.11 & PY-10.20 - DOAP-Demonstrate the correct clinical examination of the nervous system: cranial nerves-1 To 6 in	Sports
	WEDNESDAY	AN 58.2 – Cross sections of M.O. at Sensory decussation,	PY (Tutorial)	PY (Tutorial)	AN Dissection 63.1 - Fourth Ventricle		BI (DOAP)-BI-Revision Practicals	Sports
	THURSDAY	BI9.1BI9.2DL ECM- Elastin, Fibrillin, Fibronectin, Laminin	AN 59.2, 3 - Transverse section of pons at the upper and lower level. Enumerate cranial nerve nuclei in pons with their functional group	PY10.17 Describe and discuss physiology of vision including colour vision VI - Ophthalmology	AN - SGD 61.1,2,3- Midbrain, external and internal features		BI (DOAP)-BI9.1,9.2 SGD Components of Extracellular matrix, Collagen & Disorders	Extracurricular Activity
	FRIDAY	PY10.17 Describe and discuss refractive errors, colour blindness, VI - Ophthalmology	AN FLIP 60.1,2,3- Cerebellum, external and internal features	AN FLIP 60.1,2,3- Cerebellum, external and internal features	AN - SGD 61.1,2,3- Midbrain, external and internal features		PY10.11 & PY-10.20- DOAP-Demonstrate the correct clinical examination of the nervous system: cranial nerves-7 To 12 in a normal volunteer	Extracurricular Activity
	SATURDAY	PY10.17 Describe and discuss physiology of Light & Dark adaptations,pupil and light reflexes	BI (SDL) (Alternate BI9.1BI9.2 SDL ECM- Prions, Biochemistry of aging	AN - SDL 63.1 - Fourth Ventricle	CM 2.5 Define poverty and social security measures and its relationship to health and disease CM 3.1 Describe the health hazards of air, water, noise and		Formative Assessment - BI - 8	Extracurricular Activity

Week no.	DAY	8 - 9 am	9 - 10 am	10 - 11 am	11 am -1 pm	1 - 2 pm	2 - 4 pm	4 - 5 pm	
39	MONDAY	BI10.1 DL Aetiology of Cancer Oncogenes, Growth factors	PY10.18 Describe and discuss the physiological basis of lesion in visual pathway VI - Ophthalmology	AN 60.2,3 - Connections of cerebellar cortex and intracerebellar nuclei	AN Dissection 62.1 Cranial nerve nuclei with their functional components	LUNCH	AN Genetics - 75.1, 2, 3 Patau Syndrome	Sports	
	TUESDAY	AN Dissection 63.1 Fourth Ventricle	PY10.19 Describe and discuss auditory & visual evoke potentials VI - Ophthalmology	BI10.2 DL VI-IM Tumour markers and the biochemical basis of cancer therapy	AN Dissection 62.1 to 62.5 – Cerebral hemispheres, cerebral cortex with its sulci and gyri, functional areas		PY10.11 & PY-10.20 - DOAP-Demonstrate the correct clinical examination of the nervous system: cranial nerves-7 To 12 in a normal volunteer	Sports	
	WEDNESDAY	AN 61.2,3 - Internal features of midbrain at the level of superior & inferior colliculus	PY (Tutorial)	PY (Tutorial)	AN Dissection 62.1 to 62.5 – Cerebral hemispheres, White matter		BI (DOAP)-BI-Revision Practicals	Sports	
	THURSDAY	BI6.13, BI6.14, BI6.15 DL VI-IM LFT	AN 61.2,3 - Internal features of midbrain at the level of superior & inferior colliculus.	PY10.15 Describe and discuss functional anatomy of ear and auditory pathways & physiology of hearing	AN Tutorial 62.1 Cranial nerve nuclei with their functional components		BI (DOAP)-BI10.1,10.2 BI6.15 SGD Cancer, LFT	Extracurricular Activity	
	FRIDAY	PY10.16 Describe and discuss pathophysiology of deafness. Describe hearing tests VI - ENT	AN 61.2,3 - Internal features of midbrain at the level of superior & inferior colliculus.	AN 62.1 Cranial nerve nuclei with their functional components	AN 62.1 Cranial nerve nuclei with their functional components		PY-Seminar-Central Nervous System-1	Extracurricular Activity	
	SATURDAY		PY10.13 Describe and discuss perception of smell and taste sensation, VI - ENT	BI (SDL) (Alternate	AN - SDL 62.1 to 62.5 – White matter of the Cerebrum		FAP	AN Dissection 62.1 to 62.5 – Cerebral hemispheres, Basal nuclei	Extracurricular Activity
				BI6.13, BI6.14, BI6.15 11.17, SDL RFT					

Week no.	DAY	8 - 9 am	9 - 10 am	10 - 11 am	11 am -1 pm	1 - 2 pm	2 - 4 pm	4 - 5 pm
40	MONDAY	AN 62.1 to 62.5 – Cerebral hemispheres, cerebral cortex with its sulci and gyri, functional areas	PY11.1 Describe and discuss mechanism of temperature regulation, PY11.2 Describe and discuss adaptation to altered temperature (heat and cold), PY11.3 Describe and discuss mechanism of fever, cold injuries and heat stroke	AN 62.3 – White matter of cerebrum	AN Dissection 62.1 to 62.5 – Cerebral hemispheres, Basal nuclei	LUNCH	AN Genetics - 73.1 Barr body	Sports
	TUESDAY	AN AN 63.1, 2 - Parts, boundaries & features of IIIrd and lateral ventricles	PY11.4 Describe and discuss cardio-respiratory and metabolic adjustments during exercise; physical training effects, PY11.8 Discuss & compare cardio-respiratory changes in exercise (isometric and isotonic) with that in the resting state and under different environmental conditions (heat and cold), PY11.5 Describe and discuss physiological consequences of sedentary lifestyle,	BI6.13, BI6.14, BI6.15 11.17, =DL RFT	AN Dissection 63.1, 2- Ventricles of brain – Third and lateral		PY-Seminar-Central Nervous System-2	Sports
	WEDNESDAY	AN 62.4 - VI - G.M. -Parts & major connections of basal ganglia & limbic lobe	PY (Tutorial)	PY (Tutorial)	AN Dissection 63.1, 2- Ventricles of brain – Third and lateral		BI (DOAP)-BI-Revision Practicals	Sports
	THURSDAY	BI9.3 DL Protein targeting & sorting along with its associated disorders	AN 62.4 - VI - G.M. -Parts & major connections of basal ganglia & limbic lobe	PY11.6 Describe physiology of Infancy, PY11.7 Describe and discuss physiology of aging; free radicals and antioxidants, PY11.9 Interpret growth charts, PY11.10 Interpret anthropometric assessment of infants VI - Pediatrics	AN Seminar 62.5 - Dorsal thalamus, hypothalamus, epithalamus, metathalamus and subthalamus		BI (DOAP)-BI6.13, BI6.14, BI6.15 SGD RFT	Extracurricular Activity
	FRIDAY	PY11.12 Discuss the physiological effects of meditation	AN 62.5 -Boundaries, parts, gross relations, major nuclei and connections of dorsal thalamus, hypothalamus, epithalamus, metathalamus and subthalamus	VAC			PY-Seminar-Special senses	Extracurricular Activity
	SATURDAY	PY11.11 Discuss the concept, criteria for diagnosis of Brain death and its implications	BI (SDL) (Alternate months) BI (SDL) Jaundice	AN - SDL 63.1, 2- Ventricles of brain – Third and lateral	AN FLIP 62.5 -Boundaries, parts, gross relations, major nuclei and connections of dorsal thalamus, hypothalamus, epithalamus, metathalamus and subthalamus		AN - SGD 62.5 connections of thalamus	Extracurricular Activity

