

GUNTUR MEDICAL COLLEGE, GUNTUR
I MBBS – ACADEMIC TIMETABLE FOR THE YEAR 2023-24 (CBME)

Week 01

Day	9-10 am	10-11am	11-12 am	12-1 am	1-2pm	2-3	3-4	4-5pm
Monday					L U N C H			
Tuesday								
Wednesday								
Thursday								
Friday	Introduction MBBS CBME Principal	Interactive lectures Vice Principal (Admn)	Leadership qualities Vice Principal (Acad)	Introduction to Anatomy			Introduction to Physiology	Introduction to Biochemistry
Saturday	IMG	Stress & Time Management Skills for a Doctor (FC.4.7)	Learning Methods: Self- Directed learning (SDL) (FC 4.14)	Rules and Regulations of the Hostels (FC 4.4)		Simulation in Medical Education Skill Lab	BLS	Sports/ Yoga

ABBREVIATIONS: AN-Anatomy, PY-Physiology, BI-Biochemistry, CM-Community Medicine, FC: Foundation Course, AETCOM: Attitude, Ethics & Communication, L/DL/LEC: Didactic Lecture, SDL: Self - directed Learning, SGL: Small Group Learning, SGL-TUT: Small Group Learning-Tutorials SGT: Small Group Teaching, ECE: Early Clinical Exposure, VI-Vertical Integration, HI- Horizontal Integration, AITO: Aligned & Integrated Topics

Sep 1st week – Foundation course

Week 02

Day	9-10 am	10-11am	11-12 am	12-1 am	1-2	2-3 pm	3-4 pm	4-5 pm
Monday	Doctor as a Researcher	Ethics in Medical Research	AETCOM 1.5 Cadaver as First teacher	Working with a Multi-Disciplinary Teach (FC 4.4)		Introduction to Phase-II faculties	Introduction to Phase-II faculties	Sports/ Yoga
Tuesday	Bio safety & Universal precautions	Community/Health National Programmes	Legal Issues in Medicine	Doctor patient relationship		Pedagogy	Mentorship Programme	Sports/ Yoga
Wednesday	Maternal Mortality in OBG	Sensitization in Ragging	First Aid	Documentation of case sheet		Computer skills	Rules and Regulations of Library	Sports/ Yoga
Thursday	System delivery and family practice	RT Accidents	Reflection writing & Feed back	Family adoption programme Communication skills		Local language	Various career pathway & Opportunities for personal growth (FC 1.6)	AETCOM 1.5 Cadaver as First Teacher
Friday	PY 1.1 Structure & functions of a mammalian cell (L)	AN 1.1 Introduction to Anatomy (LEC)	AN 1.2, 2.1 to 2.4 Bone (LEC)	AN 2.5, 2.6 Joints (LEC)		Introduction to Biochemistry Lab		
Saturday	AN 3.1 to 3.3 Muscle (LEC)	PY 1.3 Intercellular communication (L)	CM 1.1: Public health – concept (lecture)	Field visit				

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Week 03

Day	9-10 am	10-11am	11-12 am	12-1 am	1-2	2-4 pm			4-5 pm
						Anatomy	Physiology	Biochemistry	
Monday	PY 1.6 Body fluid compartments; its ionic composition & measurement (L) (HI Biochemistry)	BI 1.1 SGL HI-PY Cell organelles, Cell membrane	AN 4.1 to 4.5 Skin (LEC)	AN 5.1 To 5.8 CVS (LEC)	Microscope SGT	PY 2.11 Introduction & Collection of blood sample	PY 1.1 Structure & functions of cell, PY 1.3 Intercellular communication (SGL- Tut)	SGL on Cell	Skill lab visit
Tuesday	PY 1.2 Homeostasis(L)	AN 8.1 ,8.2, 8.3 Clavicle LEC	AN 6.1 To 6.3 Lymphatic system (LEC)	AN 7.1 To 7.8 CNS (LEC)	Microscope SGT	PY 2.11 Introduction & Collection of blood sample	PY 1.1 Structure & functions of cell, PY 1.3 Intercellular communication (SGL- Tut)	SGL on Cell	Field visit
Wednesday	BI 1.1DL HI-PY Transport across cell membranes	8.2, 8.3, Scapula LEC	AN 8.4 to 8.6 Humerus LEC	Introduction to Upper Limb SGT, AN 9.1 Pectoral region SGT	Microscope SGT	PY 2.11 Introduction & Collection of blood sample	PY 1.1 Structure & functions of cell, PY 1.3 Intercellular communication (SGL- Tut)	SGL on Cell	Role of yoga and meditation
Thursday	BI 3.1 DL Classification of Carbohydrates Stereoisomerism	AN 9.2 ,9.3 mammary gland (LEC)	AN 8.4 to 8.6, radius LEC	AN 9.1 Pectoral region SGT	Microscope SGT	PY 2.11 Introduction & Collection of blood sample	PY 1.1 Structure & functions of cell, PY 1.3 Intercellular communication (SGL- Tut)	SGL on Cell	AETCOM 1.1 What does it mean to be a doctor? – Exploratory session
Friday	PY 1.4 Apoptosis (VI Pathology) (L)	AN76.1, 76.2 Introduction to Embryology (LEC)	AN 9.2,9.3 Mammary gland SGT		PY1.5 Transport across cell membrane (SGL)				
Saturday	AN 65.1,65.2 Histology Epithelium (LEC)	PY1.9 Methods to demonstrate the functions of cells & its products in clinical care & research (L)	CM 1.2: Health – concept (lecture)		PY 2.1 Composition & functions of blood (SDL - Seminar)				

Week 04

Day	9-10 am	10-11am	11-12 am	12-1 am	1-2	2-4 pm			4-5 pm	
						Anatomy	Physiology	Biochemistry		
Monday	PY 2.2 Plasma proteins (HI with Biochemistry) (L)	BI 3.1 DL Properties of Monosaccharides Disaccharides	AN 8.4 TO 8.6 Ulna articulated Hand LEC	AN 10.5 TO 10.7 Axilla SGT		AN 65.1,65.2 Epithelium SGT	PY 2.11 Microscope & Improved Neubauer Counting chamber	PY 1.2 Homeostasis PY 1.4 Apoptosis (SGL- Tut)	SGL on Transport mechanisms	Interactions with parents
Tuesday	PY 2.4 RBC (L)	AN 10.1,10.2 Axilla-Axillary artery (LEC)	AN 10.5 TO 10.7 Axilla SGT			AN 65.1,65.2 Epithelium SGT	PY 2.11 Microscope & Improved Neubauer Counting chamber	PY 1.2 Homeostasis PY 1.4 Apoptosis (SGL- Tut)	SGL on Transport mechanisms	Why you choose to become a doctor
Wednesday	BI 3.1 DL VI-OR Polysaccharides	AN 10.3 ,10.4 Brachial plexus (LEC)	AN 10.5 TO 10.7 Axilla SGT			AN 65.1,65.2 Epithelium SGT	PY 2.11 Microscope & Improved Neubauer Counting chamber	PY 1.2 Homeostasis PY 1.4 Apoptosis (SGL- Tut)	SGL on Transport mechanisms	Expectations of students from nation, society
Thursday	BI 4.1 DL VI-IM Lipid chemistry classification importance	AN 10.8, 10.9, 10.10, 10.11 Back muscles (LEC)	AN 10.8, 10.9,10.10, 10.11 SGT scapular region			AN 65.1,65.2 Epithelium SGT	PY 2.11 Microscope & Improved Neubauer Counting chamber	PY 1.2 Homeostasis PY 1.4 Apoptosis (SGL- Tut)	SGL on Transport mechanisms	AETCOM 1.1 What does it mean to be a doctor? – Facilitated Panel discussion
Friday	PY 2.4 RBC, Erythropoiesis (L)	AN 77.1 TO 77.3 Embryology (LEC) gametogenesis	AN 10.8, 10.9,10.10, 10.11 SGT scapular region	SDL Shoulder joint		PY 2.3 Hemoglobin (HI with Biochemistry) (SGL)				
Saturday	AN 66.1,66.2 Histology connective tissue (LEC)	PY 2.5 Jaundice (HI Biochemistry) (L)	CM 1.3: Concept of causation (L) CM 1.4: Natural history of disease (L) -1			PY 2.5 Anaemias (VI Pathology) (SGL)				

WEEK 05

Day	9-10 am	10-11am	11-12 am	12-1 am	1-2	2-4 pm			4-5 pm	
						Anatomy	Physiology	Biochemistry		
Monday	PY 2.6 WBC – formation & regulation, functions (L)	BI 4.1 DL VI-IM Lipid chemistry/fatty acids, TAG, Phospholipids	AN 10.10 Deltoid (SGT)			AN 66.1,66.2 Histology connective tissue (SGT)	PY 2.11 Estimate total RBC count Demo	PY 2.4, 2.5 Erythropoiesis, Anaemias (SGL-Tut)	SGL Carbohydrate chemistry, classification, Stereoisomerism	Principles of family practice
Tuesday	PY 2.10 Immunity – Classification, Innate immunity (L)	AN 10.12 ,10.13 Shoulder joint (LEC)	AN 11.1 TO 11.4 Front of arm (SGT)			AN 66.1,66.2 Histology connective tissue (SGT)	PY 2.11 Estimate total RBC count Demo	PY 2.4, 2.5 Erythropoiesis, Anaemias (SGL-Tut)	SGL Carbohydrate chemistry, classification, Stereoisomerism	Swatch Bharat Abhiyaan General hygiene
Wednesday	BI 4.1 DL VI-IM Lipid Chemistry-Cholesterol, lipo proteins, liposomes	AN 11.1,11.2,11.4 Arm (LEC)	AN 11.1 TO 11.4 Front of arm (SGT)			AN 66.1,66.2 Histology connective tissue (SGT)	PY 2.11 Estimate total RBC count Demo	PY 2.4, 2.5 Erythropoiesis, Anaemias (SGL-Tut)	SGL Carbohydrate chemistry, classification, Stereoisomerism	Attendance and examination
Thursday	BI5.1 SDL Amino acids classification, General reactions of amino acids	AN 11.3,11.5, 11.6, Cubital fossa (LEC)	AN 11.5 cubital fossa (SGT)			AN 66.1,66.2 Histology connective tissue (SGT)	PY 2.11 Estimate total RBC count Demo	PY 2.4, 2.5 Erythropoiesis, Anaemias (SGL-Tut)	SGL Carbohydrate chemistry, classification, Stereoisomerism	AETCOM1.1 What does it mean to be a doctor? - Facilitated Panel discussion
Friday	PY 2.11 Cell mediated immunity, Humoral immunity (L)	AN 77.4 to 77.6 Embryology fertilization LEC	AN 11.1 to 11.4 Back of arm (SGT)			PY 2.10 Immunity –Complement system, Immunity - Applied (SGL)				
Saturday	AN 67.1, 67.2,67.3 Histology Muscle (LEC)	PY 2.7 Platelets – formation, functions & variations PY 2.8 Haemostasis (L)	CM 1.4: Natural history of disease (L) -2 CM 1.5: Interventions at various levels of prevention (L) –1			PY 2.9 Blood groups & transfusion (VI with Pathology) (SGL)				

Week 06

Day	9-10 am	10-11am	11-12 am	12-1 am	1-2	2-4 pm			4-5 pm	
						Anatomy	Physiology	Biochemistry		
Monday	PY 2.8 Haemostasis, Anticoagulants (L)	BI5.1 DL Structural organization of Proteins	AN 12.1 to 12.4 Front of forearm (SGT)			AN 67.1, 67.2,67.3 Histology Muscle (SGT)	PY 2.11 Estimate total RBC count Revision	PY 2.6 WBC, PY 2.10 Immunity (SGL- Tut)	SGL Polysaccharides	Group dynamics
Tuesday	PY 2.8 bleeding & clotting disorders (L) (VI pathology)	AN 12.1, 12.2, (LEC) Forearm	AN 12.1 to 12.4 Front of forearm (SGT)			AN 67.1, 67.2,67.3 Histology Muscle (SGT)	PY 2.11 Estimate total RBC count Revision	PY 2.6 WBC, PY 2.10 Immunity (SGL- Tut)	SGL Polysaccharides	Skill Development & training
Wednesday	BI5.2, BI5.1DL Classification of Proteins structure function Relationship, Denaturation, Peptides	AN 12.3,12.4,12.5 Hand (LEC)	AN 12.1 to 12.4 Front of forearm (SGT)			AN 67.1, 67.2,67.3 Histology Muscle (SGT)	PY 2.11 Estimate total RBC count Revision	PY 2.6 WBC, PY 2.10 Immunity (SGL- Tut)	SGL Polysaccharides	History of medicine and alternative health care systems
Thursday	BI 5.2 Biologically important peptides & denaturation of proteins	AN 12.6,12.7,12.8 Hand (LEC)	AN 12.5 TO 12.10 Palm (SGT)			AN 67.1, 67.2,67.3 Histology Muscle (SGT)	PY 2.11 Estimate total RBC count Revision	PY 2.6 WBC, PY 2.10 Immunity (SGL- Tut)	SGL Polysaccharides	AETCOM 1.1 What does it mean to be a doctor? – SDL
Friday	PY 1.8 Resting membrane potential – molecular basis (L)	AN 78.1 TO 78.5 Second week of development LEC	AN 12.5 TO 12.10 Palm (SGT)			BI6.2, 6.3DLVI-PH Nitrogenous bases Nucleosides and Nucleotides, Analogues SGL BI7.1 structure & function of DNA, synthetic Nucleotide Analogues				
Saturday	AN 68.1 TO 68.3 Nervous tissue Histology (LEC)	PY 1.8 Action potential – molecular basis (L)	CM 1.5: Interventions at various levels of prevention (L) – 2 CM 1.6: Health promotion (L) - 1			ECE 1- PY 2.9 Hemolytic disease of new born				

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Week 07

Day	9-10 am	10-11am	11-12 am	12-1 am	1-2	2-4 pm			4-5 pm	
						Anatomy	Physiology	Biochemistry		
Monday	PY 3.1 Neuron, Neuroglia – structure & functions; NGF & other growth factors (SDL) (HI Human Anatomy)	BI7.1 DL Types, structure, and function of RNA. miRNA and siRNA, applications in medicine	AN 12.5 TO 12.10 Palm (SGT)			AN 68.1 TO 68.3 Nervous tissue HIST SGT	PY 2.12 Determine ESR, PCV, Osmotic fragility of RBC	PY 2.8 Haemostasis, applied (SGL-Tut)	SGL Lipid classification, phospholipids	AITO LNKER 1: HAEMOPHILIA (PY, PA)
Tuesday	PY 3.2 Types, functions & properties of nerve fibers (L)	AN 12.9 TO 12.11 hand fascial spaces of palm (LEC)	AN 12.11 TO 12.15 Back of forearm SGT			AN 68.1 TO 68.3 Nervous tissue HIST SGT	PY 2.12 Determine ESR, PCV, Osmotic fragility of RBC	PY 2.8 Haemostasis, applied (SGL-Tut)	SGL Lipid classification, phospholipids	Sports/ Yoga
Wednesday	BI 2.1 Enzymes definition, general properties, IUB Classification	AN 12.12.to 12.15Back of forearm (LEC)	AN 12.11 TO 12.15 Back of forearm SGT			AN 68.1 TO 68.3 Nervous tissue HIST SGT	PY 2.12 Determine ESR, PCV, Osmotic fragility of RBC	PY 2.8 Haemostasis, applied (SGL-Tut)	SGL Lipid classification, phospholipids	Sports/ Yoga
Thursday	BI 2.1 Co enzymes and co factors	AN 13.1 ,13.2 Venous & lymphatic drainage (LEC)	AN 12.11TO 12.15 Dorsum of hand SGT			AN 68.1 TO 68.3 Nervous tissue HIST SGT	PY 2.12 Determine ESR, PCV, Osmotic fragility of RBC	PY 2.8 Haemostasis, applied (SGL-Tut)	SGL Lipid classification, phospholipids	AETCOM 1.1 What does it mean to be a doctor? – SDL
Friday	PY 3.3 Degeneration & regeneration in peripheral nerves (L) (VI Gen Med)	AN 79.1 TO 79.3 Third Week Development EMB (LEC)	AN 13.3 Elbow joint SGT			SGL BI 2.3 Mechanism of enzyme action factors affecting enzymes activity, enzyme specificity SDL on cell membrane structure & functions				
Saturday	AN 69.1 TO 69.3 Blood vessels Histology (LEC)	PY 3.4 Neuromuscular junction – structure & transmission (L) (VI Anesthesiology)	CM 1.6: Health promotion (SGD) - 2			PY 1.8 Resting Membrane Potential & Action Potential (SGL- Tut)				

Day	9-10 am	10-11am	11-12 am	12-1 am	1-2	2-4 pm			4-5 pm	
						Anatomy	Physiology	Biochemistry		
Monday	PY 3.5 Neuromuscular blockers (VI Anesthesiology, Pharmacology), PY 3.6 Myasthenia gravis (SGL) (VI Pathology)	BI 2.4 Enzyme inhibition and its clinical importance, iso enzymes with examples	AN 13.3 Joints of Upper Limb SGT			AN 69.1 TO 69.3 Blood vessels Histology SGT	PY 2.11 Estimate Hb Concentration in capillary blood & calculate blood indices	PY 3.2, 3.3 Types, properties of nerve fibers, nerve degeneration & regeneration (SGL-Tut)	SGL Cholesterol& lipid profile	Proper hand washing techniques
Tuesday	PY 3.7 Types of muscles (HI Human Anatomy) Structure of Skeletal muscle, PY 3.13 Muscular dystrophy, myopathies (L) (VI Gen Med, HI Human Anatomy)	AN 13.3,13.4 Joints of upper limb (LEC)	AN 13.5, 13.6 Radiology of upper limb SGT	AN 13.5 TO 13.7 Surface anatomy of upper limb SGT		AN 69.1 TO 69.3 Blood vessels Histology SGT	PY 2.11 Estimate Hb Concentration in capillary blood & calculate blood indices	PY 3.2, 3.3 Types, properties of nerve fibers, nerve degeneration & regeneration (SGL-Tut)	SGL Cholesterol& lipid profile	Disposable of sharps
Wednesday	BI 2.2,2.5,2.6,2.7 Diagnostic importance of enzymes. Enzymes as therapeutic agents	ECE 1: AN 12.8 Claw hand				AN 69.1 TO 69.3 Blood vessels Histology SGT	PY 2.11 Estimate Hb Concentration in capillary blood & calculate blood indices	PY 3.2, 3.3 Types, properties of nerve fibers, nerve degeneration & regeneration (SGL-Tut)	SGL Cholesterol& lipid profile	English skill
Thursday	BI 6.6 Laws of thermodynamics	AN 13.8 Development of upper limb (LEC)	AN 14.1 to 14.2 hip bone LEC	AN 14.1 to 14.2 femur LEC		AN 69.1 TO 69.3 Blood vessels Histology SGT	PY 2.11 Estimate Hb Concentration in capillary blood & calculate blood indices	PY 3.2, 3.3 Types, properties of nerve fibers, nerve degeneration & regeneration (SGL-Tut)	SGL Cholesterol& lipid profile	AETCOM 1.1 What does it mean to be a doctor? – Hospital visit
Friday	PY 3.9 Excitation-contraction coupling, Molecular basis of skeletal muscle contraction (L)	AN 79.4 to 79.6 EMB Embryonic period (LEC)	AN 14.1 TO 14.3 Tibia, LEC	AN 14.1 TO 14.3 fibula LEC	PY 3.4, 3.5, 3.6 NMJ & applied (SGL- Tut)					
Saturday	AN 70.2 HIST Lymphatic organs (LEC)	PY 3.8 Properties of skeletal muscle, PY 3.17 Strength-duration curve (L)	CM 1.6: IEC & BCC (L)		PY 3.10 Mode of muscle contraction, PY 3.11 Energy sources & muscle metabolism (HI Biochemistry), PY 3.12 Gradation of muscular activity (SGL) (VI Gen Med)					

WEEK 09

Day	9-10 am	10-11am	11-12 am	12-1 am	1-2	2-4 pm			4-5 pm	
						Anatomy	Physiology	Biochemistry		
Monday	PY 3.7, 3.8, 3.9 Smooth muscle – structure, action potential, properties (L)	BI 6.6 High energy compounds, electron transport chain	AN 14.4 Articulated foot LEC			AN 70.2 HIST Lymphatic organs SGT	PY 2.11 Estimate total WBC count Demo & Revision	PY 3.7,3.9, 3.11,3.13 Skeletal muscle (SGL-Tut)	SGL Protein structure	Dealing with media
Tuesday	PY 3.9 - molecular basis of smooth muscle contraction (L)	AN 15.1 to 15.4 Front of thigh (LEC)	AN 15.1 TO 15.4 Introduction to lower limb SGT			AN 70.2 HIST Lymphatic organs SGT	PY 2.11 Estimate total WBC count Demo & Revision	PY 3.7,3.9, 3.11,3.13 Skeletal muscle (SGL-Tut)	SGL Protein structure	Communication with patient families
Wednesday	BI 6.6 Oxidative Phosphorylation	AN 15.4 To 15.5 Adductor canal (LEC)	AN 15.1 TO 15.5 Front of thigh SGT			AN 70.2 HIST Lymphatic organs SGT	PY 2.11 Estimate total WBC count Demo & Revision	PY 3.7,3.9, 3.11,3.13 Skeletal muscle (SGL-Tut)	SGL Protein structure	Gender sensitivity in medical profession
Thursday	BI 6.6 Inhibitors & uncouplers and their significance	AN 16.1 TO 16.4 Gluteal region (LEC)	AN 15.1 TO 15.5 Front of thigh SGT			AN 70.2 HIST Lymphatic organs SGT	PY 2.11 Estimate total WBC count Demo & Revision	PY 3.7,3.9, 3.11,3.13 Skeletal muscle (SGL-Tut)	SGL Protein structure	AETCOM 1.1 What does it mean to be a doctor? – Hospital visit
Friday	PY 10.5 ANS -Structure & functions (L)	AN 80.1 to 80.7 Placenta umbilical cord (LEC)	AN 15.1 TO 15.5 Front of thigh SGT			PY 10.5 ANS -Structure & functions (SGL)				
Saturday	AN 70.2 HIST Lymphatic organs (LEC)	PY 4.1 Structure & functions of GIT (L)	CM 1.7: Health indicators (L)			PY 4.2, 4.9 Salivary glands – Saliva - composition, functions, mechanism, phases, regulation & applied (SDL - Seminar)				

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WEEK 10

Day	9-10 am	10-11am	11-12 am	12-1 am	1-2	2-4 pm			4-5 pm	
						Anatomy	Physiology	Biochemistry		
Monday	PY 4.3, 4.9 Mastication, deglutition, Oesophagus & applied (L)	BI 6.5 Fat soluble vitamins	AN 15.1 TO 15.5 Adductor compartment SGT			AN 70.2 HIST Lymphatic organs SGT	PY 2.11 Estimate Differential leucocyte count - Demo	PY 3.18 Amphibian exp., SMT, effect of temperature on SMT	SGL Classification of proteins biologically important peptides	Computer skills: Ms power point
Tuesday	PY 4.2 Stomach – Functional anatomy, gastric secretion – composition, functions, mechanism of HCl secretion (L)	AN 16.5 & 16.6 Back of thigh, popliteal fossa (LEC)	AN 15.1 TO 15.5 Adductor compartment SGT			AN 70.2 HIST Lymphatic organs SGT	PY 2.11 Estimate Differential leucocyte count - Demo	PY 3.18 Amphibian exp., SMT, effect of temperature on SMT	SGL Classification of proteins biologically important peptides	Field visit
Wednesday	BI 6.5 Fat soluble vitamins	AN 17.1 to 17.3 Hip joint (LEC)	AN 16.1 to 16.3 Gluteal region SGT			AN 70.2 HIST Lymphatic organs SGT	PY 2.11 Estimate Differential leucocyte count - Demo	PY 3.18 Amphibian exp., SMT, effect of temperature on SMT	SGL Classification of proteins biologically important peptides	Computer skills: Ms word
Thursday	SGL BI 6.5 SGL Fat soluble vitamins	AN 18.1 to 18.3 Anterior compartment of leg (LEC)	AN 16.1 to 16.3 Gluteal region SGT			AN 70.2 HIST Lymphatic organs SGT	PY 2.11 Estimate Differential leucocyte count - Demo	PY 3.18 Amphibian exp., SMT, effect of temperature on SMT	SGL Classification of proteins biologically important BI	AETCOM 1.1 What does it mean to be a doctor? – Discussion & Closure of the case
Friday	PY 4.2 Regulation of gastric secretion with experimental evidence (L)	AN 81.1, TO 81.3 Prenatal diagnosis (LEC)	AN 16.4 TO 16.5 Back of thigh SGT			SGL on Mucopolysaccharides DL BI 6.5 Water soluble vitamins				
Saturday	AN 71.1 Bone HIST (LEC)	PY 4.3, 4.8, 4.9 Gastric motility, Gastric function tests, applied (SGL) (HI Biochemistry, VI General Medicine)	CM 1.8: Demographic profile of India (SGD) -1			PY 4.2,4.8 Pancreas – Functional anatomy, secretion -composition, functions, mechanism, regulation, applied (SGL) (HI Biochemistry)				

WEEK 11

Day	9-10 am	10-11am	11-12 am	12-1 am	1-2	2-4 pm			4-5 pm	
						Anatomy	Physiology	Biochemistry		
Monday	PY 4.2, PY 4.7 Liver – Functional anatomy, Bile - composition, formation, functions (L) (HI Biochemistry)	BI 6.5 water soluble vitamins	AN 16.4 TO 16.5 Back of thigh SGT			AN 71.1 Bone HIST SGT	PY 2.11 Estimate Differential leucocyte count - Revision	PY 3.18 Effect of two successive stimuli & multiple successive stimuli on muscle contraction	SGL DNA & RNA	Peer pressure and coping strategies
Tuesday	PY 4.2,4.7,4.8 Gall bladder – Structure & functions, regulation of bile secretion, LFT, Applied (L) (HI Biochemistry)	AN 18.4 to 18.7 Knee joint (LEC)	AN 16.6 Popliteal fossa SGT			AN 71.1 Bone HIST SGT	PY 2.11 Estimate Differential leucocyte count - Revision	PY 3.18 Effect of two successive stimuli & multiple successive stimuli on muscle contraction	SGL DNA & RNA	Computer skills: MS Excel 7
Wednesday	BI 6.5 water soluble vitamins	AN 19.1 to 19.4 Back of leg (LEC)	AN 18.1 TO 18.3 Anterior compartment of leg and dorsum of foot SGT			AN 71.1 Bone HIST SGT	PY 2.11 Estimate Differential leucocyte count - Revision	PY 3.18 Effect of two successive stimuli & multiple successive stimuli on muscle contraction	SGL DNA & RNA	Biomedical waste management
Thursday	SGL BI 6.5 water soluble vitamins	SDL AN 20.3 TO 20.5 Venous drainage of lower limb	AN 18.1 TO 18.3 Anterior compartment of leg and dorsum of foot SGT			AN 71.1 Bone HIST SGT	PY 2.11 Estimate Differential leucocyte count - Revision	PY 3.18 Effect of two successive stimuli & multiple successive stimuli on muscle contraction	SGL DNA & RNA	AETCOM 1.2 What does it mean to be a patient? – Exploratory session
Friday	PY 4.2, 4.3, Small intestine – secretion, motility, applied (SGL)	AN 25.2 TO 25.3 Development of Respiratory system (LEC)	AN 18.1 TO 18.3 Anterior compartment of leg and dorsum of foot SGT			BI 3.2,3.3 Carbohydrate metabolism, Digestion & absorption, lactose intolerance SGL BI 3.3, BI 3.4, BI 3.7.DL Glycolysis				
Saturday	AN 71.2 HIST Cartilage (LEC)	PY 4.3,4.6,4.9 – Large intestine- Functional anatomy, motility, defecation reflex, applied, intestinal flora gut-brain axis (L)	CM 1.8: Demographic profile of India (L) -2			ECE 2: AN 20.5 Varicose veins				

WEEK 12

Day	9-10 am	10-11am	11-12 am	12-1 am	1-2	2-4 pm			4-5 pm	
						Anatomy	Physiology	Biochemistry		
Monday	PY 4.5 GI hormones (SGL)	BI 3.6 BI 3.7 DL TCA Cycle	AN 18.1 TO 18.3 Lateral compartment of leg SGT			AN 71.2 HIST Cartilage SGT	PY 2.11 Estimate BT, CT, Blood groups	PY 3.18 Effect of load and fatigue in skeletal muscle	SGL Enzymes classification and inhibition	Role of nutrition in health
Tuesday	PY 4.4 Digestion & absorption of nutrients (SGL) (HI Biochemistry)	AN 20.1 TO 20.3 Ankle joint (LEC)	AN 19.1 to 19.7 Back of leg SGT			AN 71.2 HIST Cartilage SGT	PY 2.11 Estimate BT, CT, Blood groups	PY 3.18 Effect of load and fatigue in skeletal muscle	SGL Enzymes classification and inhibition	Field visit
Wednesday	BI 3.6 BI 3.7 DL TCA Cycle-anaplerotic reactions & Gluconeogenesis	AN 19.5 TO 19.7 Arches of foot LEC	AN 19.1 to 19.7 Sole of foot SGT			AN 71.2 HIST Cartilage SGT	PY 2.11 Estimate BT, CT, Blood groups	PY 3.18 Effect of load and fatigue in skeletal muscle	SGL Enzymes classification and inhibition	Field visit
Thursday	BI 3.6 BI 3.7 DL TCA Cycle-anaplerotic reactions & Gluconeogenesis BI 3.4 DL HMP Shunt Pathway	AN 20.6 to 20.7 Radiology and surface anatomy of lower limb (LEC)	AN 19.1 to 19.7 Sole of foot SGT			AN 71.2 HIST Cartilage SGT	PY 2.11 Estimate BT, CT, Blood groups	PY 3.18 Effect of load and fatigue in skeletal muscle	SGL Enzymes classification and inhibition	AETCOM 1.2 What does it mean to be a patient? – Exploratory session
Friday	PY 5.1 Functional anatomy of heart (L) (HI Human Anatomy)	AN 25.4 TO 25.6 Development of CVS (LEC)	AN 19.1 to 19.7 Sole of foot SGT			PY 4.2 Gastric secretion, motility, applied (SGL - Tut)				
Saturday	AN 70.1 Glands HIST (LEC)	PY 5.4 Origin & spread of cardiac impulse (L)	CM 1.9: Role of effective Communication skills in health – DOAP (simulated environment)			PY 5.2 Properties of cardiac muscle (SGL)				

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WEEK 13

Day	9-10 am	10-11am	11-12 am	12-1 am	1-2	2-4 pm			4-5 pm	
						Anatomy	Physiology		Biochemistry	
Monday	PY 5.5 ECG – physiology, its applications, cardiac axis (L) (VI Gen Med)	BI 3.4BI 3.5 DL VI-PE Glycogen metabolism, glycogen storage disorders, Mucopolysaccharidoses	AN 17.1 TO 17.3 Hip joint SGT			AN 70.1 Glands HIST SGT	PY 2.13 Reticulocyte count - Demo	PY 3.18 Normal cardiogram& effect of temperature on NCG	SGL Isoenzymes clinical enzymology	Time management
Tuesday	PY 5.6 – Abnormal ECG, arrhythmias, heart block, & Myocardial infarction (L) (VI Gen Med) (HI Human Anatomy)	AN 20.8 ,20.9 Surface anatomy of lower limb (LEC)	AN 18.4 TO 18.7 Knee joint SGT			AN 70.1 Glands HIST SGT	PY 2.13 Reticulocyte count - Demo	PY 3.18 Normal cardiogram& effect of temperature on NCG	SGL Isoenzymes clinical enzymology	Following biosafety
Wednesday	BI 3.6 Minor metabolic pathways	AN 20.4 TO 20.5 Venous & Lymphatic drainage of lower limb (LEC)	AN 20.1, 20.2 Joints of foot SGT			AN 70.1 Glands HIST SGT	PY 2.13 Reticulocyte count - Demo	PY 3.18 Normal cardiogram& effect of temperature on NCG	SGL Isoenzymes clinical enzymology	AITO LINKER 2: Abnormal ECG (Conduction disorders) (PY, AN, IM)
Thursday	BI 3.9 Blood glucose regulation	AN 21.1 Sternum LEC	AN 20.1, 20.2 Joints of foot SGT			AN 70.1 Glands HIST SGT	PY 2.13 Reticulocyte count - Demo	PY 3.18 Normal cardiogram& effect of temperature on NCG	SGL Isoenzymes clinical enzymology	AETCOM 1.2 What does it mean to be a patient? – Hospital visit
Friday	PY 5.3 Cardiac cycle (L)	AN 25.4 TO 25.6 Development of CVS (LEC)	AN 21.1,21.2 RIBS LEC	AN 21.1 Thoracic vertebrae LEC		PY 5.2 Properties of cardiac muscle (SGL- Tut)				
Saturday	AN 72.1 Skin HIST (LEC)	PY 5.3 Cardiac cycle (L)	CM 1.10: Important aspects of the doctor patient relationship – DOAP (simulated environment)			PY 5.4, 5.5 Origin & spread of cardiac impulse, ECG (SGL- Tut)				

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1st INTERNAL EXAMS

Day	9-10 am	10-11am	11-12 am	12-1 am	1-2	2-4 pm			4-5 pm	
						Anatomy	Physiology		Biochemistry	
Monday										
Tuesday										
Wednesday										
Thursday										
Friday										
Saturday										

WEEK 14

Day	9-10 am	10-11am	11-12 am	12-1 am	1-2	2-4 pm			4-5 pm	
					Anatomy	Physiology		Biochemistry		
Monday	PY 5.7 Haemodynamics (L)	BI 3.10 Interpret the results of blood glucose levels related to disorders of carbohydrate metabolism	AN 21.3, TO 21.7 Intercostal space SGT			AN 72.1 Skin HIST SGT	PY 2.12 Demonstrate absolute eosinophil count	PY 3.18 Stannius ligatures & properties of cardiac muscle	SGL Oxidative phosphorylation	Violence against doctors
Tuesday	PY 5.7 Haemodynamics (L)	AN 21.3, TO 21.7 Intercostal space (LEC)	AN 21.3, TO 21.7 Intercostal space SGT			AN 72.1 Skin HIST SGT	PY 2.12 Demonstrate absolute eosinophil count	PY 3.18 Stannius ligatures & properties of cardiac muscle	SGL Oxidative phosphorylation	Frequently used medical terms
Wednesday	BI 5.3 Digestion & Absorption dietary proteins	AN 21.8 to 21.10 joints of thorax (LEC)	AN 23.1 TO 23.7 Mediastinum SGT			AN 72.1 Skin HIST SGT	PY 2.12 Demonstrate absolute eosinophil count	PY 3.18 Stannius ligatures & properties of cardiac muscle	SGL Oxidative phosphorylation	Dealing with media
Thursday	BI 5.4 General reactions of amino acids	AN 21.11 Mediastinum (LEC)	AN 23.1 TO 23.7 Mediastinum SGT			AN 72.1 Skin HIST SGT	PY 2.12 Demonstrate absolute eosinophil count	PY 3.18 Stannius ligatures & properties of cardiac muscle	SGL Oxidative phosphorylation	AETCOM 1.2 What does it mean to be a patient? – Hospital visit
Friday	PY 5.9 Cardiac output (L)	AN 22.1 Pericardium (LEC)	AN 22.1 Pericardium SGT			BI 5.5 Ammonia metabolism				
						SGL Gluconeogenesis				
Saturday	AN 25.1 HIST Respiratory system (LEC)	PY 5.9 Cardiac output regulation (L)	CM 2.1: Clinico socio-cultural and demographic assessment of the individual, family and community (L) - 1			ECE 1– BI11.17- Diabetes Mellitus				

WEEK 15

Day	9-10 am	10-11am	11-12 am	12-1 am	1-2	2-4 pm			4-5 pm	
						Anatomy	Physiology	Biochemistry		
Monday	PY 5.8 Local & systemic cardiovascular regulatory mechanisms (L)	BI 5.4 Urea cycle & its disorders	AN 22.2 TO 22.7 Heart SDL	AN 22.2 TO 22.7 Heart SGT		AN 25.1 HIST Respiratory system SGT	PY 2.12 Estimate platelet count	PY 5.3 Cardiac cycle (SGL-Tut)	SGL Fat soluble vitamins	Coping skills
Tuesday	PY 5.8 Local & systemic cardiovascular regulatory mechanisms (L)	AN 22.2 Heart (LEC)	AN 22.2 TO 22.7 Heart SGT			AN 25.1 HIST Respiratory system SGT	PY 2.12 Estimate platelet count	PY 5.3 Cardiac cycle (SGL-Tut)	SGL Fat soluble vitamins	Consequences of unethical behaviour
Wednesday	BI5.4, 5.5 Phenylalanine& Tyrosine metabolism	AN 22.3 TO 22.5 blood supply of Heart (LEC)	AN 22.2 TO 22.7 Heart SGT			AN 25.1 HIST Respiratory system SGT	PY 2.12 Estimate platelet count	PY 5.3 Cardiac cycle (SGL-Tut)	SGL Fat soluble vitamins	Personal /oral hygiene
Thursday	BI5.4,5.5 Metabolism of Sulphur containing amino acids	AN 22.6,22.7 fibrous Skelton of heart (LEC)	AN 22.2 TO 22.7 Heart SGT			AN 25.1 HIST Respiratory system SGT	PY 2.12 Estimate platelet count	PY 5.3 Cardiac cycle (SGL-Tut)	SGL Fat soluble vitamins	AETCOM 1.2 What does it mean to be a patient? – SDL
Friday	PY 5.9 Heart rate (L)	AN 25.4 TO 25.6 Development of CVS (LEC)	AN 24.1 Pleura SGT			PY 5.9 Blood pressure & its regulation (SGL)				
Saturday	AN 73.1 TO 73.3Chromosomes (LEC)	PY 5.9 Blood pressure – regulation & applied (L)	CM 2.1: Clinico socio-cultural and demographic assessment of the individual, family and community (L) - 2			PY 5.10 Microcirculation, lymphatic circulation (SGL)				

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WEEK 16

Day	9-10 am	10-11am	11-12 am	12-1 am	1-2	2-4 pm			4-5 pm	
						Anatomy	Physiology	Biochemistry		
Monday	PY 5.10 Coronary circulation (L) (VI Gen Med)	SGL BI5.4, BI5.5 Glycine metabolism, Branched chain amino acids	AN 24.2 to 24.6 Lungs SDL	AN 24.2 to 24.6 Lungs SGT		Revision general histology SGT	PY 3.14 Perform ergography	PY 5.9 Cardiac output (SGL-Tut)	SGL Introduction to lab & Lab safety	Immunization requirement of health care professionals
Tuesday	PY 5.10 Cerebral circulation (L)	AN 24.1 Pleura (LEC)	AN 24.2 to 24.6 Lungs SGT			Revision general histology SGT	PY 3.14 Perform ergography	PY 5.9 Cardiac output (SGL-Tut)	SGL Introduction to lab & Lab safety	Internet search engine
Wednesday	BI5.4, BI5.5 DL Tryptophan metabolism	AN 24.2 ,24.4 TO 24.6 Lungs (LEC)	AN 24.2 to 24.6 Lungs SGT			Revision general histology SGT	PY 3.14 Perform ergography	PY 5.9 Cardiac output (SGL-Tut)	SGL Introduction to lab & Lab safety	Spiritual health
Thursday	SGL Demo on reactions of carbohydrates	AN 24.3 Bronchopulmonary segments (LEC)	AN 23.1 TO 23.7 Mediastinum SGT			Revision general histology SGT	PY 3.14 Perform ergography	PY 5.9 Cardiac output (SGL-Tut)	SGL Introduction to lab & Lab safety	AETCOM 1.2 What does it mean to be a patient? – SDL
Friday	PY 5.10 Skeletal circulation & splanchnic circulation (L)	AN 52.1 EMBRYOLOGY (LEC)	AN 23.1 TO 23.7 Mediastinum SGT			PY 5.9 Regulation of blood pressure & applied (SGL- Tut)				
Saturday	AN 74.1 TO 74.4 Patterns of inheritance (LEC)	PY 5.10 Skeletal circulation & splanchnic circulation (L)	CM 2.1: Clinico socio-cultural and demographic assessment of the individual, family and community (SGD) - 3			ECE 2: PY 5.10 Acute Myocardial infarction				

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WEEK 17

Day	9-10 am	10-11am	11-12 am	12-1 am	1-2	2-4 pm			4-5 pm
						Anatomy	Physiology	Biochemistry	
Monday	PY 5.11 Pathophysiology of syncope, heart failure (L)	BI5.4, BI5.5 SGL Metabolism of Basic amino acids, Polyamines	AN 23.4 Arch of aorta & descending thoracic aorta (LEC)		Genetic charts SGT	PY 5.12 Clinical examination of pulse	PY 11.13 General examination	SGL practicals on reactions of carbohydrates	Introduction to BLS
Tuesday	PY 5.11 Pathophysiology of shock (L)	AN 23.1 ,23.2,23.7 Esophagus, Thoracic duct (LEC)	AN 25.7 ,25.8 Radiology SGT			PY 5.12 Clinical examination of pulse	PY 11.13 General examination	SGL practicals on reactions of carbohydrates	Hands on training : BLS
Wednesday	BI5.4, BI5.5 DL VI-PS Metabolism of Acidic amino acids	AN 23.3, ,23.5,23.6 Azygous system of veins, sympathetic chain (LEC)	AN 27.9 Surface marking of thorax SGT			PY 5.12 Clinical examination of pulse	PY 11.13 General examination	SGL practicals on reactions of carbohydrates	Needle stick injuries
Thursday	SGL Demo on Reactions of Proteins	AN 47.13 TO 47.14 Diaphragm (LEC)	AN 47.13 TO 47.14 Diaphragm SGT			PY 5.12 Clinical examination of pulse	PY 11.13 General examination	SGL practicals on reactions of carbohydrates	AETCOM 1.2 What does it mean to be a patient? – Discussion & closure of the case
Friday	PY 6.1 Functional anatomy of respiratory tract (L)	AN 52.1 EMBRYOLOGY (LEC)	AN 26.1 ,26.2 Norma occipitalis, (LEC)	AN 26.1 ,26.2 Norma sverticalis (LEC)		PY 5.10 Cerebral & cutaneous circulations (SGL- Tut)			
Saturday	AN 75.1,75.2 chromosomal aberrations (LEC)	PY 6.2 Mechanics of respiration, pressure changes during ventilation (L)	CM 2.2: Role of family in health & disease (L) -1			PY 5.11 Pathophysiology of Shock (SGL- Tut)			

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WEEK 18

Day	9-10 am	10-11am	11-12 am	12-1 am	1-2	2-4 pm			4-5 pm	
						Anatomy	Physiology	Biochemistry		
Monday	PY 6.2 Surface tension, surfactant (L)	BI 4.1BI 4.2 DL VI-IM Amphipathic lipids Liposomes Digestion & Absorption of lipids	AN 26.1,26.2 Norma frontalis (LEC)	AN 26.1, 26.2 Norma lateralis (LEC)		Genetic charts SGT	PY 5.12 Record BP & pulse at rest - Demo	PY 5.13 Record & interpret normal ECG (VI Gen Med)	SGL Practicals reactions of proteins	Language skills
Tuesday	PY 6.2 Compliance, Airway resistance, work of breathing (L)	AN 27.1,27.2 Scalp (LEC)	AN 26.1,26.2 Norma basalis (LEC)			Genetic charts SGT	PY 5.12 Record BP & pulse at rest - Demo	PY 5.13 Record & interpret normal ECG (VI Gen Med)	SGL Practicals reactions of proteins	Portrayal of doctors from movies
Wednesday	BI4.2 DL De novo synthesis of fatty acids	AN 28.1 to 28.8 Face (LEC)	AN 27.1,27.2 Scalp SGT			Genetic charts SGT	PY 5.12 Record BP & pulse at rest - Demo	PY 5.13 Record & interpret normal ECG (VI Gen Med)	SGL Practicals reactions of proteins	Field visit
Thursday	BI 4.2 Oxidation of fatty acids	AN 28.9 ,28.10 Parotid gland (LEC)	AN 28.1 to 28.8 Face SGT			Genetic charts SGT	PY 5.12 Record BP & pulse at rest - Demo	PY 5.13 Record & interpret normal ECG (VI Gen Med)	SGL Practicals reactions of proteins	AETCOM 1.2 What does it mean to be a patient? – Discussion & closure of the case
Friday	PY 6.2 Pulmonary ventilation, dead space, alveolar ventilation (L)	AN 52.1 EMBRYOLOGY (LEC)	AN 28.1 to 28.8 Face SGT			SGL BI4.2 DL VI-IM Metabolism of Ketone bodies & Cholesterol. Bile acids and bile salts				
Saturday	AN 75.3 TO 75.5 Syndromes, genetic counseling (LEC)	PY 6.2 Respiratory membrane, principles of gas exchange, diffusion capacity of lungs (L)	CM 2.2: Role of family in health & disease (DOAP) -2			SGL Demo on NPN substances				
						PY 6.2 Mechanics of respiration, pressure changes during ventilation, compliance, surface tension, surfactant (SGL-Tut)				

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WEEK 19

Day	9-10 am	10-11am	11-12 am	12-1 am	1-2	2-4 pm			4-5 pm	
						Anatomy	Physiology	Biochemistry		
Monday	PY 5.10, PY6.2 Pulmonary circulation, Ventilation – perfusion ratio (L)	BI4.2 DL VI-IM Metabolism of Ketone bodies & Cholesterol. Bile acids and bile salts	AN 28.1 to 28.8 Face SGT			Revision of general histology SGT	PY 5.12 Record BP & pulse at rest - Revision	PY 6.2 Dead space, Alveolar ventilation (SGL-Tut)	SGL Practical NPN	Sports/ Yoga
Tuesday	PY 6.3 Transport of Oxygen (L)	AN 29.1 TO 29.4 Posterior triangle of neck (LEC)	AN 28.9 TO 28.10 Parotid Region SGT			Revision of general histology SGT	PY 5.12 Record BP & pulse at rest - Revision	PY 6.2 Dead space, Alveolar ventilation (SGL-Tut)	SGL Practical NPN	Sports/ Yoga
Wednesday	BI4.3, BI4.4 Lipoprotein metabolism	AN 26.3 Interior of cranial (LEC)	AN 28.9 TO 28.10 Parotid Region SGT			Revision of general histology SGT	PY 5.12 Record BP & pulse at rest - Revision	PY 6.2 Dead space, Alveolar ventilation (SGL-Tut)	SGL Practical NPN	Sports/ Yoga
Thursday	BI4.3, 4.4 Hyper-lipoproteinemia's	AN 26.3 Interior of cranial (LEC)	AN 29.1 TO 29.4 Posterior triangle of neck SGT			Revision of general histology SGT	PY 5.12 Record BP & pulse at rest - Revision	PY 6.2 Dead space, Alveolar ventilation (SGL-Tut)	SGL Practical NPN	AITO LINKER 3: Tuberculosis (PY, IM, Resp Med)
Friday	PY 6.3 Transport of Carbon dioxide (L)	AN 43.4 EMBRYOLOGY (LEC)	AN 29.1 TO 29.4 Posterior triangle of neck SGT			SGL BI4.6 DL Eicosanoids SGL BI4.6 DL VI-PE Lipid storage disorders SGL Demo abnormal constituents of urine				
Saturday	AN 52.1 Histology of tongue, esophagus LEC	PY 6.2 Neural regulation of respiration (L)	CM 2.3: Assessment of barriers to good health and health seeking behavior (L)			PY 6.3 Transport of O2 & CO2 (SGL-Tut)				

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WEEK 20

Day	9-10 am	10-11am	11-12 am	12-1 am	1-2	2-4 pm			4-5 pm	
						Anatomy	Physiology	Biochemistry		
Monday	PY 6.2 Chemical & non-chemical regulation of respiration, applied (SGL)	BI4.6 Lipid storage disorders, BI4.2 Fatty liver and lipotropic factors	AN 26.3 cranial cavity SGT			AN 52.1 Histology of tongue, esophagus SGT	PY 5.12 effect of posture & exercise on BP - Demo	PY 6.2 Neural regulation of respiration (SGL-Tut)	SGL Practicals on abnormal constituents of urine	Music as therapy
Tuesday	PY 6.6 Pathophysiology of dyspnea, cyanosis, hypoxia, asphyxia, drowning (SGL)	AN 30.1 TO 30.5 Dural folds & sinuses (LEC)	AN 31.1 TO 31.3 Orbit SGT			AN 52.1 Histology of tongue, esophagus SGT	PY 5.12 effect of posture & exercise on BP - Demo	PY 6.2 Neural regulation of respiration (SGL-Tut)	SGL Practicals on abnormal constituents of urine	Biomedical waste disposal
Wednesday	BI4.2 DL Metabolism of Triacylglycerols and Phospholipids	AN 31.1 TO 31.5 Lacrimal apparatus Orbit (LEC)	AN 31.1 TO 31.3 Orbit SGT			AN 52.1 Histology of tongue, esophagus SGT	PY 5.12 effect of posture & exercise on BP - Demo	PY 6.2 Neural regulation of respiration (SGL-Tut)	SGL Practicals on abnormal constituents of urine	Commonly used local words in general medicine
Thursday	SGL Demo colorimetry	AN 32.1,32.2 anterior triangle (LEC)	AN 32.1 ,32.2 anterior triangle SGT			AN 52.1 Histology of tongue, esophagus SGT	PY 5.12 effect of posture & exercise on BP - Demo	PY 6.2 Neural regulation of respiration (SGL-Tut)	SGL Practicals on abnormal constituents of urine	AETCOM 1.3 The doctor-patient relationship – fundamentals (LGS)
Friday	PY 6.4, 6.5 High altitude physiology, acclimatization (L)	AN 43.4 EMBRYOLOGY (LEC)	AN 32.1,32.2 anterior triangle SGT			PY 6.5, 6.6 Artificial respiration, O2 therapy, periodic breathing (SGL)				
Saturday	AN 52.1 HIST Stomach LEC	PY 6.4, 6.5 Physiology of deep-sea diving, decompression sickness (SDL)	CM 2.4: Social psychology, community behaviour and community relationship (L) -1 CM 2.5: Poverty and social security measures			PY 6.2,6.7 Lung volumes & capacities, pulmonary function tests (SGL)				

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WEEK 21

Day	9-10 am	10-11am	11-12 am	12-1 am	1-2	2-4 pm			4-5 pm	
						Anatomy	Physiology	Biochemistry		
Monday	PY 11.4 Cardiorespiratory & metabolic adjustments to exercise (L)	BI6.2, 6.3DL Purine synthesis	AN 32.1,32.2 anterior triangle SGT			AN 52.1 HIST Stomach SGT	PY 5.12 effect of posture & exercise on BP - Revision	PY 5.15 Clinical examination of cardiovascular system -Demo	SGL Glycogen Metabolism	Ethics in organ donation
Tuesday	PY 11.5 Physiological consequences of sedentary lifestyle, PY 11.8 Comparison of Cardiorespiratory changes to exercise in rest and under different environmental conditions (SDL)	AN 26.4 Mandible (LEC)	AN 33.1 Temporal & infra temporal region SGT			AN 52.1 HIST Stomach SGT	PY 5.12 effect of posture & exercise on BP - Revision	PY 5.15 Clinical examination of cardiovascular system -Demo	SGL Glycogen Metabolism	Commonly used local words in obstetrics & gynecology
Wednesday	BI 6.2, 6.3 SGL Purine synthesis	AN 33.1 Temporal & infra temporal region (LEC)	AN 33.1 Temporal & infra temporal region SGT			AN 52.1 HIST Stomach SGT	PY 5.12 effect of posture & exercise on BP - Revision	PY 5.15 Clinical examination of cardiovascular system -Demo	SGL Glycogen Metabolism	Computer skill
Thursday	SGL Demo on blood glucose estimation	AN 33.2 Muscles of mastication (LEC)	AN 33.1 Temporal & infra temporal region SGT			AN 52.1 HIST Stomach SGT	PY 5.12 effect of posture & exercise on BP - Revision	PY 5.15 Clinical examination of cardiovascular system -Demo	SGL Glycogen Metabolism	AETCOM 1.3 The doctor-patient relationship - SDL
Friday	PY 11.4 Effects of physical training (L)	AN 43.4 EMBRYOLOGY (LEC)	AN 33.2 Muscles of mastication SGT			PY 6.2,6.7 Lung volumes & capacities, pulmonary function tests (SGL-Tut)				
Saturday	AN 52.1 HIST small intestine LEC	PY 7.1 Structure & functions of Kidney, Renal Blood Flow (L)	CM 2.4: Social psychology, community behaviour and communityrelationship (SGD) -2			PY 11.4, 11.5 Cardiorespiratory adjustments to exercise, Physiological consequences of sedentary life style (SGL-Tut)				

WEEK 22

Day	9-10 am	10-11am	11-12 am	12-1 am	1-2	2-4 pm			4-5 pm	
						Anatomy	Physiology	Biochemistry		
Monday	PY 7.2 Structure & functions of JGA & RAS (L)	BI6.2, BI6.3, BI11.17 DL Purine degradation, & disorders	AN33.3 TO 33.5 TM joint SGT			AN 52.1 HIST small intestine SGT	PY 6.8, 6.10 Spirometry & Peak Expiratory Flow Rate (VI General Medicine)	PY 5.15 Clinical examination of cardiovascular system - Revision	SGL Practicals blood glucose estimation	Commonly used local words in surgery
Tuesday	PY 7.3 Mechanism of urine formation – Glomerular filtration (L)	AN33.3 TO 33.5 TM joint (LEC)	AN 34.1,34.2 Submandibular region SGT			AN 52.1 HIST small intestine SGT	PY 6.8, 6.10 Spirometry & Peak Expiratory Flow Rate (VI Gen Med)	PY 5.15 Clinical examination of cardiovascular system - Revision	SGL Practicals blood glucose estimation	Commonly used local words in ophthalmology
Wednesday	BI6.2, 6.3 DL Pyrimidine metabolism, & disorders	AN 34.1,34.2 Submandibular region (LEC)	AN 35.2, 35.8 Thyroid gland SDL	AN 35.1 TO 35.10 Deep dissection of neck SGT		AN 52.1 HIST small intestine SGT	PY 6.8, 6.10 Spirometry & Peak Expiratory Flow Rate (VI Gen Med)	PY 5.15 Clinical examination of cardiovascular system - Revision	SGL Practicals blood glucose estimation	Sports/ Yoga
Thursday	BI 6.11, 6.12 DL HI-PY, VI-PA Types of Haemoglobin, Structure and functions of Heme	AN 35.1 TO 35.10 Deep cervical fascia (LEC)	AN 35.1 TO 35.10 Deep dissection of neck SGT			AN 52.1 HIST small intestine SGT	PY 6.8, 6.10 Spirometry & Peak Expiratory Flow Rate (VI Gen Med)	PY 5.15 Clinical examination of cardiovascular system - Revision	SGL Practicals blood glucose estimation	AETCOM 1.3 The doctor-patient relationship - SDL
Friday	PY 7.3 Mechanism of urine formation – tubular reabsorption & secretion (L)	AN 52.1 EMBRYOLOGY (LEC)	AN 35.1 TO 35.10 Deep dissection of neck SGT			SGL Demo on Blood Urea estimation SDL phenyl alanine, tyrosine				
Saturday	AN 52.1 Large intestine, Appendix HIST LEC	PY 7.4 Significance & implications of renal clearance (SDL)	Family adoption programme			PY 7.3 Concentrated & dilute urine formation (SGL)				

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WEEK 23

Day	9-10 am	10-11am	11-12 am	12-1 am	1-2	2-4 pm			4-5 pm	
						Anatomy	Physiology	Biochemistry		
Monday	PY 7.5 Renal regulation of electrolyte balance (L)	BI6.11, 6.12 DL Heme degradation, Types of congenital Jaundice	AN 26.5 TO26.7 Cervical vertebrae LEC			AN 52.1 Large intestine, Appendix HIST SGT	PY 7.3 Glomerular filtration (SGL - Tut)	PY 6.9 Clinical examination of Respiratory System - Demo	SGL Practical blood urea estimation	Commonly used local words in ENT
Tuesday	PY 7.5 Renal regulation of fluid balance (L)	AN 35.2, 35.8 Thyroid gland (LEC)	AN 35.1 TO 35.10 Deep dissection of neck SGT			AN 52.1 Large intestine, Appendix HIST SGT	PY 7.3 Glomerular filtration (SGL - Tut)	PY 6.9 Clinical examination of Respiratory System - Demo	SGL Practical blood urea estimation	Field visit
Wednesday	BI 5.2, 6.11, 6.12 DL VI-PA Abnormal haemoglobins, Hemoglobinopathies	AN 35.3 TO 35.7, 35.9 Subclavian artery cervical sympathetic chain, cervical lymph nodes (LEC)	AN 35.2, 35.3 TO 35.7 to 35.9 Subclavian artery, Thyroid gland SGT			AN 52.1 Large intestine, Appendix HIST SGT	PY 7.3 Glomerular filtration (SGL - Tut)	PY 6.9 Clinical examination of Respiratory System - Demo	SGL Practical blood urea estimation	Commonly used local words in orthopedics
Thursday	BI6.11 DL VI-IM Heme synthesis	AN 36.1 Tonsil soft palate (LEC)	AN 35.3 TO 35.7, 35.9 Subclavian artery SGT			AN 52.1 Large intestine, Appendix HIST SGT	PY 7.3 Glomerular filtration (SGL - Tut)	PY 6.9 Clinical examination of Respiratory System - Demo	SGL Practical blood urea estimation	AETCOM 1.3 The doctor-patient relationship – Interactive discussions
Friday	PY 7.5 Renal regulation of fluid & electrolyte balance (L)	AN 52.1 EMBRYOLOGY (LEC)	AN 36.1 Tonsil soft palate SGT			SGL Demo on urinary creatinine estimation				
						SDL Urea cycle Inborn errors of metabolism				
Saturday	AN 52.1 HIST liver, gall bladder, pancreas LEC	PY 1.7, 7.5 Concept of pH & buffer systems in body (HI Biochemistry), Acid- base balance -1 (L)	Family adoption programme			AITO LINKER 4: Anemia (PY, BI, PA, OBG)				

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Aligned & Integrated Topics

WEEK 24

Day	9-10 am	10-11am	11-12 am	12-1 am	1-2	2-4 pm			4-5 pm	
						Anatomy	Physiology	Biochemistry		
Monday	PY 7.5 Acid-base balance 2 (L)	BI6.11DL Porphyrins	AN 37.1 TO 37.3 SDL Nasal cavity & PNS	AN 36.2 TO 36.5 Pharynx SGT		AN 52.1 HIST liver, gall bladder, pancreas SGT	PY 7.3 Concentrated urine formation (SGL-Tut)	PY 6.9 Clinical examination of Respiratory System - Revision	SGL Practical urinary creatinine estimation	Coping skills against alcohol addiction
Tuesday	PY 7.8 Renal function tests (L) (HI Biochemistry)	AN 36.2 TO 36.5 Pharynx (LEC)	AN 36.2 TO 36.5 Pharynx SGT			AN 52.1 HIST liver, gall bladder, pancreas SGT	PY 7.3 Concentrated urine formation (SGL-Tut)	PY 6.9 Clinical examination of Respiratory System - Revision	SGL Practical urinary creatinine estimation	Cell phone abuse & internet addiction
Wednesday	BI6.1 DL VI-IM Integration of metabolism and homeostasis in fed state	AN 37.1,37.3 Nose (LEC)	AN 37.1,37.3 Nose (LEC)	AN 37.2 PNS (LEC)		AN 52.1 HIST liver, gall bladder, pancreas SGT	PY 7.3 Concentrated urine formation (SGL-Tut)	PY 6.9 Clinical examination of Respiratory System - Revision	SGL Practical urinary creatinine estimation	Physical fitness & mental health
Thursday	SGL Demo on protein estimation	AN 38.1 TO 38.3 Larynx (LEC)	AN 37.1,37.3 Nose SGT			AN 52.1 HIST liver, gall bladder, pancreas SGT	PY 7.3 Concentrated urine formation (SGL-Tut)	PY 6.9 Clinical examination of Respiratory System - Revision	SGL Practical urinary creatinine estimation	AETCOM 1.3 The doctor-patient relationship – Interactive discussions
Friday	PY 7.7 Artificial kidney, dialysis & renal transplantation (SGL) (VI General Medicine)	AN 52.2 EMBRYOLOGY (LEC)	AN 37.2 PNS SGT			PY 7.6, 7.9 Innervation of bladder, physiology of micturition, cystometry, cystometrogram, & bladder dysfunction (SGL)				
Saturday	AN 52.2 Kidney HIST LEC	PY 11.1 Temperature regulation (L)	Family adoption programme			PY 7.5 Acid -base balance, PY 7.7 Artificial kidney, dialysis, renal transplantation (SGL-Tut)				

Week 25

Day	9-10 am	10-11am	11-12 am	12-1 am	1-2	2-4 pm			4-5 pm	
						Anatomy	Physiology	Biochemistry		
Monday	PY 11.2 Adaptation to heat & cold, PY 11.3 mechanism of fever, cold injuries & heatstroke (L)	BI6.DL VI-IM Integration of metabolism and homeostasis in starvation	AN 38.1 TO 38.3 Larynx SGT			AN 52.2 Kidney HIST SGT	PY 7.6, 7.9 Physiology of micturition, cystometrogram, & bladder dysfunction (SGL-Tut)	PY 5.14 Cardiovascular Autonomic Function Tests	SGL Practicals on protein estimation	Commonly used terms in history taking
Tuesday	PY 10.1 Organization of nervous system (L) (HI Human Anatomy)	AN 39.1 TO 39.2 Tongue (LEC)	AN 39.1 TO 39.2 Tongue SGT			AN 52.2 Kidney HIST SGT	PY 7.6, 7.9 Physiology of micturition, cystometrogram, & bladder dysfunction (SGL-Tut)	PY 5.14 Cardiovascular Autonomic Function Tests	SGL Practicals on protein estimation	Ethics & safety in transfusion medicine
Wednesday	BI6.SGL VI-IM Integration of metabolism and homeostasis in starvation	AN 40.1 TO 40.2,40.4 External ear, middle ear (LEC)	AN 40.3,40.5 internal ear (LEC)			AN 52.2 Kidney HIST SGT	PY 7.6, 7.9 Physiology of micturition, cystometrogram, & bladder dysfunction (SGL-Tut)	PY 5.14 Cardiovascular Autonomic Function Tests	SGL Practicals on protein estimation	Coping skills against smoking
Thursday	BI6.SGL VI-IM Integration of metabolism and homeostasis in starvation	AN 41.1 TO 41.3 Eye ball (LEC)	AN 40.1 TO 40.2,40.4 ear SGT			AN 52.2 Kidney HIST SGT	PY 7.6, 7.9 Physiology of micturition, cystometrogram, & bladder dysfunction (SGL-Tut)	PY 5.14 Cardiovascular Autonomic Function Tests	SGL Practicals on protein estimation	1.3 The doctor-patient relationship – Discussion & closure
Friday	PY 10.2 Functions & properties of synapse (L) (HI Human Anatomy)	AN 52.2 EMBRYOLOGY (LEC)	AN 41.1 TO 41.3 Eye ball SGT			PY 10.2 Properties of Synapse (SGL)				
Saturday	AN 52.2 Ureter, urinary bladder HIST LEC	PY 10.10 Neurotransmitters (outline the psychiatry element) (L)	Family adoption programme			PY 11.1 Temperature regulation, PY 11.2 Adaptation to heat & cold, PY 11.3 Mechanism of fever, cold injuries & heat stroke (SGL-Tut)				

WEEK 26

Day	9-10 am	10-11am	11-12 am	12-1 am	1-2	2-4 pm			4-5 pm	
						Anatomy	Physiology	Biochemistry		
Monday	PY 10.2 Sensory system – Receptors - Functions & properties (L) (HI Human Anatomy)	BI6.9,6.10 SGL Classification of Minerals, Calcium metabolism	AN 43.7 TO 43.9 Radiology (SGT)			AN 52.2 Ureter, urinary bladder HIST SGT	PY 10.2 Synapse – functions, properties (SGL-Tut)	PY 11.14 Demonstrate Basic Life Support (VI Gen Med, Anes)	SGL oxidation of fatty acids	Visit to immunization centre
Tuesday	PY 10.3 Somatic sensations (L)	AN 42.1 TO 42.3 Sub occipital region (LEC)	AN 42.1 TO 42.3 Sub occipital region SGT			AN 52.2 Ureter, urinary bladder HIST SGT	PY 10.2 Synapse – functions, properties (SGL-Tut)	PY 11.14 Demonstrate Basic Life Support (VI Gen Med, Anes)	SGL oxidation of fatty acid	Language skills
Wednesday	BI6.9,6.10 SGL Minerals-Phosphorus, Magnesium, Copper, Zinc, Selenium	AN 43.1 joints of neck (LEC)	AN 42.1 TO 42.3 Sub occipital region SGT			AN 52.2 Ureter, urinary bladder HIST SGT	PY 10.2 Synapse – functions, properties (SGL-Tut)	PY 11.14 Demonstrate Basic Life Support (VI Gen Med, Anes)	SGL oxidation of fatty acid	Sports/yoga
Thursday	BI6.9,6.10 DL Iron metabolism	AN 44.1 ,44.2,44.6,44.7 Abdominal plane, muscles incision (LEC)	AN 44.1 ,44.2 Introduction to abdomen SGT			AN 52.2 Ureter, urinary bladder HIST SGT	PY 10.2 Synapse – functions, properties (SGL-Tut)	PY 11.14 Demonstrate Basic Life Support (VI Gen Med, Anes)	SGL oxidation of fatty acid	AETCOM 1.3 The doctor-patient relationship – Discussion & closure
Friday	PY 10.2 Receptors – sensory encoding (SGL)	AN 52.2 EMBRYOLOGY (LEC)	AN 44.1 ,44.2 Introduction to abdomen SGT			SGL Demo on estimation of serum bilirubin				
						SDL Urea cycle Inborn errors of metabolism				
Saturday	AN 52.2 HIST testis, epididymis LEC	PY 10.6 Spinal cord structure (L) (HI Human Anatomy)	Family adoption programme			ECE2: BI 6.12 Jaundice				

2ND INTERNAL EXAM

Day	9-10 am	10-11am	11-12 am	12-1 am	1-2	2-4 pm			4-5 pm
						Anatomy	Physiology	Biochemistry	
Monday									
Tuesday									
Wednesday									
Thursday									
Friday									
Saturday									

WEEK 27

Day	9-10 am	10-11am	11-12 am	12-1 am	1-2	2-4 pm				4-5 pm
						Anatomy	Physiology		Biochemistry	
Monday	PY 10.3 Sensory system – Ascending pathways, sensory cortex (SGL) (HI Human Anatomy)	BI10.3 SGL Minerals- Sulfur, Fluoride, Iodine, Lithium	AN 53.1,53.2 ,53.3 Bony pelvis SGT			AN 52.2 HIST testis, epididymis SGT	PY 10.2 Receptors – functions, properties, sensory encoding (SGL-Tut)	PY 4.10 Clinical examination of abdomen	SGL Cholesterol synthesis, hypercholestolemiias	Computer skills
Tuesday	PY 10.3 Physiology of pain (L)	AN 44.3 Rectus sheath (LEC)	AN 44.3 Rectus sheath SGT			AN 52.2 HIST testis, epididymis SGT	PY 10.2 Receptors – functions, properties, sensory encoding (SGL-Tut)	PY 4.10 Clinical examination of abdomen	SGL Cholesterol synthesis, hypercholestolemiias	Computer skills
Wednesday	BI7.2 DL DNA replication	AN 44.4,44.5 Inguinal canal (LEC)	AN 44.4,44.5 Inguinal canal SGT			AN 52.2 HIST testis, epididymis SGT	PY 10.2 Receptors – functions, properties, sensory encoding (SGL-Tut)	PY 4.10 Clinical examination of abdomen	SGL Cholesterol synthesis, hypercholestolemiias	Computer skills
Thursday	BI7.2 DL DNA repair mechanisms	AN 46.1 TO 46.5 Male external genitalia (LEC)	AN 46.1 TO 46.5 Male external genitalia SGT			AN 52.2 HIST testis, epididymis SGT	PY 10.2 Receptors – functions, properties, sensory encoding (SGL-Tut)	PY 4.10 Clinical examination of abdomen	SGL Cholesterol synthesis, hypercholestolemiias	AETCOM 1.4 The foundations of communication -1 – Principles (LGS)
Friday	PY 10.3 Pain analgesia & Applied (SGL)	AN 52.2 EMBRYOLOGY (LEC)	AN 44.6 TO 44.7 Loin SGT			PY 10.3 Ascending pathways, sensory cortex (SGL-Tut)				
Saturday	AN 52.2 HIST vas deferens, prostate LEC	PY 10.7 Thalamus – functions & abnormalities (L) (HI Human Anatomy)	Family adoption programme			PY 10.3 Physiology of Pain & analgesia, applied (SGL-Tut)				

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Aligned & Integrated Topics

WEEK 28

Day	9-10 am	10-11am	11-12 am	12-1 am	1-2	2-4 pm			4-5 pm	
						Anatomy	Physiology	Biochemistry		
Monday	PY 10.2 Reflexes – Classification, properties (L) (HI Human Anatomy)	BI7.2 DL Transcription	AN 47.1 TO 47.5 Peritoneum SGT			AN 52.2 HIST vas deferens, prostate SGT	PY 10.7 Thalamus (SGL-Tut)	PY 10.11 Clinical examination of sensory system - Demo	SGL ketone bodies metabolism	Computer skills
Tuesday	PY 10.2 Muscle Spindle, stretch reflex (L)	AN 47.1 TO 47.4 Peritoneum (LEC)	AN 47.1 TO 47.5 Peritoneum SGT			AN 52.2 HIST vas deferens, prostate SGT	PY 10.7 Thalamus (SGL-Tut)	PY 10.11 Clinical examination of sensory system - Demo	SGL ketone bodies metabolism	AITO LINKER 5: REFERRED PAIN (PY, AN, AS)
Wednesday	BI7.2 DL Translation	AN 47.5,47.6 Stomach (LEC)	AN 47.6 Stomach SGT			AN 52.2 HIST vas deferens, prostate SGT	PY 10.7 Thalamus (SGL-Tut)	PY 10.11 Clinical examination of sensory system - Demo	SGL ketone bodies metabolism	Field visit
Thursday	BI7.2 DL Genetic code, BI7.3 DL Regulation of Gene expression in prokaryotes & Eukaryotes	AN 47.5 Duodenum (LEC)	AN 47.6 Stomach SGT			AN 52.2 HIST vas deferens, prostate SGT	PY 10.7 Thalamus (SGL-Tut)	PY 10.11 Clinical examination of sensory system - Demo	SGL ketone bodies metabolism	AETCOM 1.4 The foundations of communication -1 – Principles (LGS)
Friday	PY 10.2 Inverse stretch reflex, withdrawal reflex (L)	AN 52.2 EMBRYOLOGY (LEC)	AN 47.5 Duodenum SGT			PY 10.4 Organization of motor system, descending tracts (SGL) (HI Human Anatomy)				
Saturday	AN 52.2 HIST Ovary, Fallopian tube LEC	PY 10.4 Descending tracts, Differences between UMN, LMN lesions (SGL)	Family adoption programme			PY 10.6 Spinal cord – injuries, lesions (SGL) (HI Human Anatomy)				

WEEK 29

Day	9-10 am	10-11am	11-12 am	12-1 am	1-2	2-4 pm			4-5 pm
					Anatomy	Physiology		Biochemistry	
Monday	PY 10.7 Basal Ganglia – functions (L) (HI Human Anatomy)	BI7.4 DL Vectors, DNA Recombination Applications of Recombinant Technology, Restriction endonucleases	AN 47.9 Coeliac trunk SGT		AN 52.2 HIST Ovary, Fallopian tube SGT	PY 10.2 Reflexes-classification, properties, stretch reflex (SGL-Tut)	PY 10.11 Clinical examination of sensory system - Revision	SGL denovo synthesis of purines	Computer skills
Tuesday	PY 10.7 Basal Ganglia – abnormalities (L)	AN 47.5 Caecum and appendix (LEC)	AN 47.4,47.5 Mesentery SGT		AN 52.2 HIST Ovary, Fallopian tube SGT	PY 10.2 Reflexes-classification, properties, stretch reflex (SGL-Tut)	PY 10.11 Clinical examination of sensory system - Revision	SGL denovo synthesis of purines	Computer skills
Wednesday	BI7.4 DL PCR, BI7.4 DL Blotting techniques	AN 47.5,47.6 Spleen (LEC)	AN 47.5 Large intestine SGT		AN 52.2 HIST Ovary, Fallopian tube SGT	PY 10.2 Reflexes-classification, properties, stretch reflex (SGL-Tut)	PY 10.11 Clinical examination of sensory system - Revision	SGL denovo synthesis of purines	Computer skills
Thursday	BI7.4 DL DNA Polymorphism, Gene therapy, Gene library, HGP, DNA fingerprinting	AN 47.5 Pancreas (LEC)	AN 47.5 caecum & appendix SGT		AN 52.2 HIST Ovary, Fallopian tube SGT	PY 10.2 Reflexes-classification, properties, stretch reflex (SGL-Tut)	PY 10.11 Clinical examination of sensory system - Revision	SGL denovo synthesis of purines	AETCOM 1.4 The foundations of communication -1 SDL
Friday	PY 10.7 Cerebellum – Functions (L) (HI Human Anatomy)	AN 52.2 EMBRYOLOGY (LEC)	AN 47.5 caecum & appendix SGT		PY 10.4 Descending tracts, spinal cord lesions (SGL-Tut)				
Saturday	AN 52.2 HIST Uterus LEC	PY 10.7 Cerebellum-Abnormalities (L)	Family adoption programme		PY 10.5 Reticular activating system, mechanism of maintenance of muscle tone (SGL) (HI Human Anatomy)				

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Aligned & Integrated Topics

WEEK 30

Day	9-10 am	10-11am	11-12 am	12-1 am	1-2	2-4 pm				4-5 pm
						Anatomy	Physiology		Biochemistry	
Monday	PY 10.4 Control of body movements – Decerebrate & decorticate rigidity (L) (HI Human Anatomy)	BI8.1 DLVI-CM Importance of various dietary components, Calorific value, RQ, SDA, BMR	AN 47.5 SDL Liver	An 47.8,47.10,47.11 portal vein SGT		AN 52.2 HIST Uterus SGT	PY 10.7 Basal Ganglia – Functions & abnormalities (SGL-Tut)	PY 10.11 Clinical Examination of Reflexes	SGL Hyper uricaemia, gout	Sports/yoga
Tuesday	PY 10.4 – Mechanism of maintenance of posture & equilibrium, Vestibular apparatus (L) (HI Human Anatomy)	AN 47.8,47.10,47.11 Portal vein & porto systemic anastomosis (LEC)	An 47.8,47.10,47.11 portal vein SGT			AN 52.2 HIST Uterus SGT	PY 10.7 Basal Ganglia – Functions & abnormalities (SGL-Tut)	PY 10.11 Clinical Examination of Reflexes	SGL Hyper uricaemia, gout	Sports/yoga
Wednesday	BI8.4DLVI-IM Obesity & Regulators of appetite Glycemic index	AN 45.1,45.2,45.3 Posterior abdominal wall (LEC)	AN 47.5,47.7 Liver, gall bladder SGT			AN 52.2 HIST Uterus SGT	PY 10.7 Basal Ganglia – Functions & abnormalities (SGL-Tut)	PY 10.11 Clinical Examination of Reflexes	SGL Hyper uricaemia, gout	Sports/yoga
Thursday	BI8.1 SGL Importance of various dietary components, Dietary fiber	AN 47.9 abdominal aorta (LEC)	AN 47.5,47.7 Liver, gall bladder SGT			AN 52.2 HIST Uterus SGT	PY 10.7 Basal Ganglia – Functions & abnormalities (SGL-Tut)	PY 10.11 Clinical Examination of Reflexes	SGL Hyper uricaemia, gout	AETCOM 1.4 The foundations of communication -1 SDL
Friday	PY 10.7 Hypothalamus – functions (L) (HI Human Anatomy)	AN 52.2 EMBRYOLOGY (LEC)	AN 47.5 Pancreas SGT			SGL Demo on ALT, AST, ALP				
						SGL Demo on chromatography				
Saturday	AN 52.5 HIST Mammary gland LEC	PY 10.7 Hypothalamus – abnormalities (L)	Family adoption programme			PY 10.7 Cerebellum- Functions & abnormalities (SGL-Tut)				

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WEEK 31

Day	9-10 am	10-11am	11-12 am	12-1 am	1-2	2-4 pm			4-5 pm	
						Anatomy	Physiology	Biochemistry		
Monday	PY 10.7 Limbic system (L) (HI Human Anatomy) (VI Psychiatry)	BI8.2 SGL VI-PE Protein energy malnutrition	AN 47.5 kidney, supra renal gland SGT			AN 52.5 HIST Mammary gland SGT	PY 10.7 Hypothalamus – Functions & abnormalities (SGL-Tut)	PY 10.11 Clinical examination of motor system - Demo	SGL Iron & Copper	Sports/yoga
Tuesday	PY 10.8 Sleep, EEG (L) (VI Psychiatry)	AN 47.5 ,47.6 kidney (LEC)	AN 47.5 kidney, supra renal gland SGT			AN 52.5 HIST Mammary gland SGT	PY 10.7 Hypothalamus – Functions & abnormalities (SGL-Tut)	PY 10.11 Clinical examination of motor system - Demo	SGL Iron & Copper	Sports/yoga
Wednesday	BI 8.5SGL Dietary advice in case of diabetes, CAD, Pregnancy	AN 47.5 ,47.6 ureter (LEC)	AN 44.6 TO 44.7,47.12 Posterior abdominal wall SGT			AN 52.5 HIST Mammary gland SGT	PY 10.7 Hypothalamus – Functions & abnormalities (SGL-Tut)	PY 10.11 Clinical examination of motor system - Demo	SGL Iron & Copper	Sports/yoga
Thursday	BI7.5 DLVI-PH Detoxification-Phase I	AN 49.1,49.2 Perineum (LEC)	AN 53.4 Osteology lumbar vertebrae LEC			AN 52.5 HIST Mammary gland SGT	PY 10.7 Hypothalamus – Functions & abnormalities (SGL-Tut)	PY 10.11 Clinical examination of motor system - Demo	SGL Iron & Copper	AETCOM 1.4 The foundations of communication -1 Role play - SGD
Friday	PY 10.9 Learning & memory (L) (VI Psychiatry)	AN 52.2 EMBRYOLOGY (LEC)	AN 49.1 TO 49.5 Perineum & ischiorectal fossa SGT			SGL Demo on QC, Accuracy, precision				
						SDL Integration of metabolism				
Saturday	AN 52.5 HIST Placenta, Umbilical cord LEC	PY 10.9 Memory – Applied, Speech & Applied (L) (VI Psychiatry)	Family adoption programme			ECE 3: PY 10.7 Cerebellar dysfunction				

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Aligned & Integrated Topics

WEEK 32

Day	9-10 am	10-11am	11-12 am	12-1 am	1-2	2-4 pm			4-5 pm	
						Anatomy	Physiology	Biochemistry		
Monday	PY 10.7 Cerebral cortex - functions & abnormalities (SGL) (HI Human Anatomy)	BI7.5 DL Detoxification-Phase II	AN 49.1 TO 49.5 Perineum & ischiorectal fossa SGT			AN 52.5 HIST Placenta, Umbilical cord SGT	PY 10.12 Identify normal EEG forms (SGL) (VI Psychiatry)	PY 10.11 Clinical examination of motor system – Revision	SGL on LFT	Sports/yoga
Tuesday	PY 11.12 Physiological effects of meditation (SGL)	AN 49.4 ,49.5 Ischiorectal fossa (LEC)	AN 48.2 ,48.5,48.6,48.7 Urinary bladder, urethra SGT			AN 52.5 HIST Placenta, Umbilical cord SGT	PY 10.12 Identify normal EEG forms (SGL) (VI Psychiatry)	PY 10.11 Clinical examination of motor system – Revision	SGL on LFT	Sports/yoga
Wednesday	BI6.13-6.15 SGL Mechanism of action of Hormones	AN 46.1,46.2 Testis spermatic cord (LEC)	AN 48.2 ,48.5 48.7 Prostate SDL	AN 48.2 ,48.7 Prostate, urethra SGT		AN 52.5 HIST Placenta, Umbilical cord SGT	PY 10.12 Identify normal EEG forms (SGL) (VI Psychiatry)	PY 10.11 Clinical examination of motor system – Revision	SGL on LFT	Sports/yoga
Thursday	BI 6.14DL Renal function test	AN 46.1,46.2 Scrotum (LEC)	AN 48.2 ,48.7 Prostate, urethra SGT			AN 52.5 HIST Placenta, Umbilical cord SGT	PY 10.12 Identify normal EEG forms (SGL) (VI Psychiatry)	PY 10.11 Clinical examination of motor system – Revision	SGL on LFT	AETCOM 1.4 The foundations of communication -1 SGD
Friday	PY 11.11 Concept, criteria for diagnosis of brain death & its implications (L)	AN 52.2 EMBRYOLOGY (LEC)	AN 48.5 Uterus SDL	AN 48.2 ,48.7 Prostate, urethra SGT		PY 10.9 Physiological basis of Learning, memory, speech (SGL-Tut)				
Saturday	AN 52.1 HIST Pituitary gland LEC	PY 10.17 Functional anatomy of Eye (L) (VI Ophthalmology)	Family adoption programme			PY 10.17 Photochemistry of vision, light & dark adaptation (SGL)(VI Ophthalmology)				

WEEK 33

Day	9-10 am	10-11am	11-12 am	12-1 am	1-2	2-4 pm			4-5 pm	
						Anatomy	Physiology	Biochemistry		
Monday	PY 10.18 Visual pathway & its lesions (SGL) (VI Ophthalmology)	BI 6.13 Liver function test	AN 48.2 Ovary SGT			AN 52.1 HIST Pituitary gland SGT	PY 10.20 Perform perimetry & confrontation test for visual field (VI Ophthalmology)	PY 10.11 Clinical examination of higher functions	SGL RFT	Sports/yoga
Tuesday	PY 10.17 Physiology of image formation, refractive errors (L) (VI Ophthalmology)	AN 47.5 Urinary bladder (LEC)	AN 48.5, 48.8, Uterus SGT			AN 52.1 HIST Pituitary gland SGT	PY 10.20 Perform perimetry & confrontation test for visual field (VI Ophthalmology)	PY 10.11 Clinical examination of higher functions	SGL RFT	Sports/yoga
Wednesday	BI 6.15, 11.17 Thyroid & adrenal function test	AN 47.5 Prostate (LEC)	AN 48.5, 48.8, Uterus SGT			AN 52.1 HIST Pituitary gland SGT	PY 10.20 Perform perimetry & confrontation test for visual field (VI Ophthalmology)	PY 10.11 Clinical examination of higher functions	SGL RFT	Sports/yoga
Thursday	BI6.7 DL Blood buffers	AN 48.4 Pelvic diaphragm (LEC)	AN 48.5, 48.8 Fallopian Tube SGT			AN 52.1 HIST Pituitary gland SGT	PY 10.20 Perform perimetry & confrontation test for visual field (VI Ophthalmology)	PY 10.11 Clinical examination of higher functions	SGL RFT	AETCOM 1.4 The foundations of communication -1 Discussion & closure
Friday	PY 10.17 Physiology of colour vision & colour blindness, Physiology of pupil & light reflex (SGL) (VI Ophthalmology)	AN 52.2 EMBRYOLOGY (LEC)	AN 51.1 ,51.2 Sectional anatomy SGT			PY 10.17 Physiology of vision, colour vision & colour blindness, refractory errors (SGL-Tut)				
Saturday	AN 43.2,52.1 HIST thyroid gland, supra renal gland LEC	PY 10.15 Functional anatomy of ear (L) (VI ENT)	AITO LINKER 6: Thyroid disorder (AN, PY, BI, GS)			PY 10.15 Physiology of hearing (SGL) (VI ENT)				

WEEK 34

Day	9-10 am	10-11am	11-12 am	12-1 am	1-2	2-4 pm			4-5 pm	
						Anatomy	Physiology	Biochemistry		
Monday	PY 10.15 Physiology of hearing (L) (VI ENT)	BI6.7 DL Respiratory regulation of blood pH	AN 48.1 Pelvic Diaphragm SGT			AN 43.2,52.1 HIST thyroid gland, supra renal gland SGT	PY 10.20 Testing of visual acuity & colour vision (VI Ophthalmology)	PY 10.15 Physiology of hearing (SGL-Tut)	SGL TFT & adrenal function test	Sports/yoga
Tuesday	PY 10.15 Auditory pathways (SGL) (VI ENT)	AN48.2,48.5 Uterus (LEC)	AN 48.2 Rectum & Anal Canal SGT			AN 43.2,52.1 HIST thyroid gland, supra renal gland SGT	PY 10.20 Testing of visual acuity & colour vision (VI Ophthalmology)	PY 10.15 Physiology of hearing (SGL-Tut)	SGL TFT & adrenal function test	Sports/yoga
Wednesday	BI6.7 DL Renal regulation of blood pH	AN 48.2,48.5 Ovary (LEC)	AN 50.1 TO50.4 Vertebral column SGT			AN 43.2,52.1 HIST thyroid gland, supra renal gland SGT	PY 10.20 Testing of visual acuity & colour vision (VI Ophthalmology)	PY 10.15 Physiology of hearing (SGL-Tut)	SGL TFT & adrenal function test	Sports/yoga
Thursday	BI 11.17 Anion gap, Acidosis & alkalosis	AN 48.2,48.5 fallopian tube (LEC)	AN 51.1 ,51.2 Sectional anatomy SGT			AN 43.2,52.1 HIST thyroid gland, supra renal gland SGT	PY 10.20 Testing of visual acuity & colour vision (VI Ophthalmology)	PY 10.15 Physiology of hearing (SGL-Tut)	SGL TFT & adrenal function test	Sports/yoga
Friday	PY 10.16 Pathophysiology of deafness, hearing tests (SGL) (VI ENT)	AN 64.2, 64.3 EMBRYOLOGY (LEC)	AN 51.1 ,51.2 Sectional anatomy SGT			SGL/Tutorial Replication of DNA				
Saturday	AN 43.2 HIST cornea, retina LEC	PY 10.20 Auditory & visual evoked potentials (SGL) (VI Ophthalmology)	AITO LINKER 7: Acid Base Balance (PY, BI, IM)			PY 10.15 Auditory pathways, PY 10.16 pathophysiology of deafness, hearing tests (SGL-Tut)				

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WEEK 35

Day	9-10 am	10-11am	11-12 am	12-1 am	1-2	2-4 pm			4-5 pm	
						Anatomy	Physiology		Biochemistry	
Monday	PY 10.13 Perception of smell, PY 10.14 pathophysiology of altered smell sensation (L) (VI ENT)	BI 6.7SGL Distribution of water and electrolytes	Revision of abdominal viscera SGT			AN 43.2 HIST cornea, retina SGT	PY 10.20 Hearing tests	PY 10.11 Clinical examination of cranial nerves I to VI	SGL transcription	Sports/yoga
Tuesday	PY 10.13 Perception of taste, PY 10.14 pathophysiology of altered taste sensation (SGL) (VI ENT)	AN 48.2, 48.3, 48.4, 48.5,48.8 Rectum, Anal canal (LEC)	Revision of abdominal viscera SGT			AN 43.2 HIST cornea, retina SGT	PY 10.20 Hearing tests	PY 10.11 Clinical examination of cranial nerves I to VI	SGL transcription	Field visit
Wednesday	BI 6.7 SGL Regulation of water electrolytes balance& disorders	ECE 3: AN 44.5 Inguinal Hernia				AN 43.2 HIST cornea, retina SGT	PY 10.20 Hearing tests	PY 10.11 Clinical examination of cranial nerves I to VI	SGL transcription	Sports/yoga
Thursday	BI 5.2 SGL Plasma proteins, functions	AN 56.1,56.2 introduction to neuro anatomy (LEC)	AN 56.1,56.2 introduction to neuro anatomy SGT			AN 43.2 HIST cornea, retina SGT	PY 10.20 Hearing tests	PY 10.11 Clinical examination of cranial nerves I to VI	SGL transcription	Sports/yoga
Friday	PY 8.6 Introduction to endocrine physiology including mechanism of action of hormones (L)	AN 64.2, 64.3 EMBRYOLOGY (LEC)	AN 56.1,56.2 Meninges SGT			BI6.9, BI6.10 SGL HI-PY Cellular and humoral components of the immune system				
Saturday	AN 64.1 HIST CNS LEC	PY 8.2 Hypothalamic control of endocrine functions (L)	Family adoption programme			ECE 3: BI 6.12 Chronic Kidney Disease				

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WEEK 36

Day	9-10 am	10-11am	11-12 am	12-1 am	1-2	2-4 pm			4-5 pm	
						Anatomy	Physiology	Biochemistry		
Monday	PY 8.2 Synthesis, secretion, transport, physiological actions, regulation of anterior pituitary hormones (L)	BI6.9, BI6.10 DL HI-PY Antigens and concepts involved in vaccine development	AN 56.1 Interior of cranium LEC	AN 57.1 TO 57.5 Spinal cord SGT		AN 64.1 HIST CNS SGT	PY 10.13, 10.14 Physiology of taste & smell & applied (SGL-Tut)	PY 10.11 Clinical examination of cranial nerves VII to XII	SGL Translation	Sports/yoga
Tuesday	PY 8.2 Effect of altered secretion of pituitary gland (L)	AN 56.1,56.2 Meninges (LEC)	AN 57.1 TO 57.5 Spinal cord SGT			AN 64.1 HIST CNS SGT	PY 10.13, 10.14 Physiology of taste & smell & applied (SGL-Tut)	PY 10.11 Clinical examination of cranial nerves VII to XII	SGL Translation	Sports/yoga
Wednesday	BI6.9, BI6.10 SGL VI-IM Types, structure functions of immunoglobulins	AN 57.1 TO 57.5 Spinal cord (LEC)	AN 57.1 TO 57.5 Spinal cord SGT			AN 64.1 HIST CNS SGT	PY 10.13, 10.14 Physiology of taste & smell & applied (SGL-Tut)	PY 10.11 Clinical examination of cranial nerves VII to XII	SGL Translation	Sports/yoga
Thursday	BI9.1, BI9.2 SGL Components of Extracellular matrix, Collagen	AN 58.1 TO 58.4 Medulla oblongata (LEC)	AN 58.1 TO 58.4 Medulla oblongata SGT			AN 64.1 HIST CNS SGT	PY 10.13, 10.14 Physiology of taste & smell & applied (SGL-Tut)	PY 10.11 Clinical examination of cranial nerves VII to XII	SGL Translation	AITO LINKER 8: Hearing Tests (PY, ENT)
Friday	PY 8.2 Synthesis, secretion, transport, physiological actions, regulation & effect of altered secretion of posterior pituitary hormones (L)	AN 59.1 TO 59.3 Pons (LEC)	AN 59.1 TO 59.3 Pons SGT			PY 8.2 Synthesis, secretion, transport & regulation of thyroid hormones (SGL)				
Saturday	Embryology models SGT	PY 8.2 Physiological actions of thyroid hormones (L)	Family adoption programme			PY 8.2 Effect of altered secretion of thyroid gland PY 8.4 Thyroid function tests (HI Biochemistry) (SGL)				

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Aligned & Integrated Topics

WEEK 37

Day	9-10 am	10-11am	11-12 am	12-1 am	1-2	2-4 pm			4-5 pm
						Anatomy	Physiology	Biochemistry	
Monday	PY 8.2 Synthesis, secretion, transport, physiological actions, regulation of hormones of adrenal cortex & applied (L) (HI Biochemistry)	BI9.1BI9.2 SGL Collagen Disorders	AN 62.2 Functional areas of cerebrum SDL	AN 61.1 ,61.2, 61.3 Mid brain SGT		Embryology models	PY 8.1 Physiology of bone & calcium metabolism PY 8.2 Synthesis, secretion, transport, physiological actions, regulation of parathyroid gland & applied (L)	SGL Recombinant DNA technology	Sports/yoga
Tuesday	PY 8.2 Synthesis, secretion, transport, physiological actions, regulation of hormones of adrenal cortex & applied; PY 8.4 is function tests (L) (HI Biochemistry)	AN 61.1 ,61.2, 61.3 Mid brain (LEC)	AN 61.1 ,61.2, 61.3 Mid brain SGT			Embryology models	PY 8.1 Physiology of bone & calcium metabolism PY 8.2 Synthesis, secretion, transport, physiological actions, regulation of parathyroid gland & applied (L)	SGL Recombinant DNA technology	Sports/yoga
Wednesday	BI9.1BI9.2 SGL ECM-Elastin, Fibrillin, Fibronectin, Laminin, BI9.1BI9.2DL ECM- Prions, Biochemistry of aging	AN 62.2 Cerebrum (LEC)	AN 62.2 Cerebrum SGT			Embryology models	PY 8.2 Mineralocorticoids, glucocorticoids of adrenal cortex – actions, regulation & applied (SGL-Tut)	SGL Recombinant DNA technology	Sports/yoga
Thursday	BI 10.1 SGL Cell cycle, regulation & apoptosis	AN 62.3 White matter of cerebrum (LEC)	AN 62.3 White matter of cerebrum SGT			Embryology models	PY 8.2 Mineralocorticoids, glucocorticoids of adrenal cortex – actions, regulation & applied (SGL-Tut)	SGL Recombinant DNA technology	AITO LINKER 9: Hemiplegia (AN, PY, IM)
Friday	PY 8.2 Synthesis, secretion, transport, physiological actions, regulation of hormones of adrenal medulla & applied; PY 8.4 its function tests (L) (HI Biochemistry)	AN 62.2 Functional areas of cerebrum (LEC)	AN 62.2 Functional areas of cerebrum SGT			SGL BI 11.16 clinical cases			
Saturday	Radiology SGT	PY 8.2 Synthesis, secretion, transport, physiological actions, regulation of endocrine pancreas & applied; PY 8.4 endocrine pancreas function tests (L)	Family adoption programme			PY 8.2 Synthesis, secretion, transport, physiological actions, regulation of endocrine pancreas (SGL)			

WEEK 38

Day	9-10 am	10-11am	11-12 am	12-1 am	1-2	2-4 pm			4-5 pm
						Anatomy	Physiology	Biochemistry	
Monday	PY 8.3 Physiology of thymus & pineal gland (SGL)	BI10.1 SGL Aetiology of Cancer Oncogenes, Growth factors	AN 62.2 Cerebrum SGT			Radiology	PY 8.5 Metabolic & endocrine consequences of Obesity & metabolic syndrome, stress response (L)	SGL PCR	Sports/yoga
Tuesday	PY 9.1 Sex determination & differentiation, its applied aspects (HI Human Anatomy) (L)	AN 60.1 TO60.3 Cerebellum (LEC)	AN 60.1 TO60.3 Cerebellum SGT			Radiology	PY 8.5 Metabolic & endocrine consequences of Obesity & metabolic syndrome, stress response (L)	SGL PCR	Sports/yoga
Wednesday	BI10.2 SGL Tumour markers and the biochemical basis of cancer therapy	AN 62.6 Blood supply of brain (LEC)	AN 62.6 Blood supply of brain SGT			Radiology	PY 9.3 Physiology of male reproductive system & applied PY 9.9 semen analysis (L)	SGL PCR	Sports/yoga
Thursday	BI 7.6 SGL Free radicals	AN 62.4 Basal ganglia (LEC)	AN 62.4 Basal ganglia SGT			Radiology	PY 9.3 Physiology of male reproductive system & applied PY 9.9 semen analysis (L)	SGL PCR	AETCOM 1.5 Cadaver as first teacher
Friday	PY 9.2 Puberty & applied aspects (L)	AN 62.5 Thalamus (LEC)	AN 62.5 Thalamus SGT			BI 7.7 Antioxidants SGL- Detoxification			
Saturday	Osteology SGT	PY 9.4 Female reproductive system – functions of ovary & its control, menstrual cycle – ovarian changes (L)	Family adoption programme			PY 8.2 Actions, regulation of insulin hormone, pathophysiology of diabetes mellitus (SGL-Tut)			

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WEEK 39

Day	9-10 am	10-11am	11-12 am	12-1 am	1-2	2-4 pm			4-5 pm
						Anatomy	Physiology	Biochemistry	
Monday	PY 9.4 Menstrual cycle – uterine & hormonal changes; PY 9.5 Physiological effects of sex hormones (L)	SGL Spotters demo	AN 62.1-62.6 Cranial nerves I to VI SGT			Osteology	PY 9.3 Spermatogenesis, factors affecting it, testicular hormones & functions, 9.9 semen analysis (SGL-Tut)	SGL Blood buffers	Sports/yoga
Tuesday	PY 9.8 Physiology of pregnancy; 9.10 physiological basis of pregnancy tests (L) (VI OBG)	AN 63.1,63.2 Fourth ventricle (LEC)	AN 63.1,63.2 Fourth ventricle SGT			Osteology	PY 9.3 Spermatogenesis, factors affecting it, testicular hormones & functions, 9.9 semen analysis (SGL-Tut)	SGL Blood buffers	Sports/yoga
Wednesday	SGL OSPE	AN 63.1,63.2 Lateral ventricle (LEC)	AN 63.1,63.2 Lateral ventricle SGT			Osteology	PY 9.6 Contraceptive methods in male & female – advantages & disadvantages (SGL) (VI OBG, Community medicine)	SGL Blood buffers	Sports/yoga
Thursday	SGL Response station	AN 63.1,63.2 third ventricle (LEC)	AN 63.1,63.2 third ventricle SGT			Osteology	PY 9.6 Contraceptive methods in male & female – advantages & disadvantages (SGL) (VI OBG, Community medicine)	SGL Blood buffers	AETCOM 1.5 Cadaver as first teacher
Friday	PY 9.7 effects of removal of gonads; PY 9.11 Hormonal changes & their effects during perimenopause & menopause (SGL) (VI OBG)	AN 62.3 Limbic system (LEC)	AN 62.1-62.6 Cranial nerves VII to XII SGT			PY 9.8 Physiology of parturition & lactation (SGL) (VI OBG)			
Saturday	AN 62.3 Reticular activating system (LEC)	PY 9.12 Common causes of infertility & role of IVF in its management (SGL) (VI OBG)	AITO 10: Polycystic Ovarian Disease (AN, PY, OBG)			PY 9.4 Menstrual cycle – uterine, ovarian & hormonal changes (SGL-Tut)			

PRE-FINAL INTERNAL THEORY & PRACTICAL EXAMINATIONS