

Subjects	Phase 1 : 1st Prof. teaching hours (NMC) SGT/Tut/IL/Practicals				Total teaching hours in time table SGT/Tut/IL/ Practicals			
	Lecture (Hrs)	Practical (Hrs)	SDL (Hrs)	Total	Lecture (Hrs)	Practical (Hrs)	SD L (Hrs)	Total
Anatomy	220	415	40	675	220	415	40	675
Physiology	160	310	25	495	160	310	25	497
Biochemistry	80	150	20	250	80	150	20	250
ECE	90			90	90			90
Community Medicine	20	27	5	52	20	27	5	52
AETCOM		26	8	34		26	8	34
Sports				60				60
Formative Assesments and Term examination				80				80
<b>Total</b>				<b>1736</b>				<b>1738</b>

**Gandhi Medical College Bhopal. (M.P.)**

COMPETENCY BASE TIME TABLE (TENTATIVE) FOR M.B.B.S PHASE - I, 2021

**TIME TABLE**

DAY	8 AM - 9 AM	9 AM - 10 AM	10 AM - 11 AM	11 AM - 01 PM	RECE	2 PM - 4 PM		
1		Biochemistry Lecture: Introduction & Scope of Biochemistry	L-1.Introduction To Anatomy & nomenclature AN 1.1	Department visit		SGT1: Orientation to Physiology	Biochemistry DOAP-1 : BI 11.1: Describe commonly used laboratory apparatus and equipments, good safe laboratory practice and waste disposal.	

2		Introduction of Physiology	L-2.Skin superficial and deep fascia AN 4.1- 4.5	DOAP- Anatomical positions and planes AN 1.1		Biochemistry SGT/T-1: Introduction to automation in Biochemistry & Clinical lab visit.		
3		L-1: BI 6.7 (Acid Base Balance)	L-3.Muscles AN 3.1 , 3.2	DOAP/Tutorial Superficial fascia and Deep Fascia AN 4.5		1.Introduction clinical lab 2.Introduction to Hematology	Biochemistry DOAP-1 : BI 11.1: Describe commonly used laboratory apparatus and equipments, good safe laboratory practice and waste disposal.	
4		describe and discuss the principles of Homeostasis (PY1.2)	L-4.Bones AN 2.1-3	L-5 Cartilage AN 2.4	SDL ANATOMY	structure and functions of mammalian cell ( PY1.1)	intercellular communication and Apoptosis (PY1.3) and 1.4	
5		Lecture:5: describe and discuss transport mechanisms across the cell membrane (py 1.5)	L-6. Joint I AN 2.5	DOAP/Tutorial General Features of Bones AN 2.1-3		1.Introduction clinical lab 2.Introduction to Hematology	Biochemistry DOAP-1 : BI 11.1: Describe commonly used laboratory apparatus and equipments, good safe laboratory practice and waste disposal.	

6		Lecture: 6: describe and discuss transport mechanisms across the cell membrane (py 1.5)	L-7 VISION AND MISSION OF INSTITUTE(FC1 A)	DOAP/Tutorial Various joints in skeleton AN 2.5,2.6	L-1	PSM: L 1, CM 1.1 (History of PH)	SPORTS		
1	Brief Introduction of GMC( FC1A)	L-2: BI6.8 (Acid Base Balance)	<b>L-8 joint II AN 2.6(VERTICAL INTEGRATION ORTHO)</b>	L-9..Blood Vessels AN 5.1 TO 5.8 Lymphatics, AN 6.1 TO 6.3	DOAP/ Tutorial -Various joints in skeleton AN 2.5,2.6	1.Introduction clinical lab 2.Introduction to Hematology	Biochemistry DOAP-2: BI11.2: Describe the preparation of buffers and estimation of		
2	Understanding roles of IMG and relate it to societal impact (FC 1.2 )	Lecture:7: describe the fluid compartments of the body,its ionic composition and measurements and describe the concept of ph & buffer system of the body (PY 1.6 &1.7	L-10 Nervous System AN 7.1 TO7.8	DOAP/Tutorial bones and cartilage AN 2.1- 3, 2.4		Biochemistry SGT/T-2: BI 6.8 Arterial Blood Gas Analysis			
3	Visit to Hospital	L-3: BI 1.1 (Cell & transport across cell membrane)	DOAP- Osteology Clavicle AN 8.1 TO 8.6	DOAP- Osteology - Scapula AN 8.1 TO 8.6		1.General clinical examination 2.Microscope DOAP 1	Biochemistry DOAP-2: BI11.2: Describe the preparation of buffers and estimation of pH.		

4	Visit to CPL, Blood Bank	Lecture:8: Molecular basis of RMP and action potential (PY1.8)	DOAP- Osteology Humerus AN 8.1 TO8.6	DOAP- Osteology Humerus AN 8.1 TO8.6		AETCOM Physiology Module: 1.1 A			
5	Visit to Hostel, Library Block		DOAP- Osteology- Radius and Ulna AN 8.1 to 8.6	DOAP- Osteology- Radius and Ulna AN 8.1 to 8.6		rev practs	Biochemistry DOAP-2: BI11.2: Describe the preparation of buffers and estimation of pH.		
6	Antiragging and antibullying (FC1.4)	Lecture:9: Structure & functions of neuron and neuroglia discuss NGF and other growth factors/ cytokines (PY3.1)	DOAP- Osteology - articulated hand AN 8.1 to 8.6	DOAP- Osteology - articulated hand AN 8.1 to 8.6	L-11 Pectoral region, Pectoral Fascia, AN 3.2, 9.1	L-2	PSM: L 2, CM1.1 (Concept of PH)	SPORTS	
1	role Understanding of doctors in the society and their impact (FC1.1)	L-4: BI 1.1 (Cell & transport across cell membrane)	L -12 Pectoral muscles & Clavipectoral fascia AN 3.2, 9.1	<b>DOAP-DISSECTION</b>			1.General clinical examination 2.Microscope DOAP 2	Biochemistry DOAP-3: BI 11.6 & 11.18 Describe principles of Colorimetry & Spectrophotometry	
2	Over view of MBBS Curriculum, structures and outcomes and its relation to the career pathways (FC1.7)	Lecture 10: Describe Types, classification and properties of nerve fiber (PY3.2)	L-13. Breast anatomy AN 9.2, 9.3. AN 9.2,	L-14. Breast -its applied. AN 9.2, 9.3. AN 9.2,	<b>DOAP-DISSECTION</b>		BiochemistrySGT/T-3: BI 6.12 Types of Hb, its derivatives & Hemoglobinopathies.		

3	Over view of MBBS Curriculum ,structures and outcomes and its relation to the career pathways (FC1.7)	L-5: BI 5.1 (Chemistry of Proteins)	L-15.Axilla –Boundaries, Contents and Axillary lymph nodes, AN 10.1, 10.2, 10.4, 10.7, 10.13	DOAP- DISSECTION		1.General clinical examination 2.Microscope DOAP 3	Biochemistry DOAP-3: BI 11.6 & 11.18 Describe principles of Colorimetry & Spectrophotometry		
4	Orientation of students about institutional rules & regulations (FC 1:4)	Lecture:11: Degeneration & regeneration of nerve fibers and nerve growth factors (PY3.3)	L-16.Axilla –Axillary artery , AN 10.1, 10.2, 10.4, 10.7, 10.13	DOAP-DISSECTION		SDL/ TUT/ Seminar Physio			
5	Computer Basic(MS word,File,Folder)	Lecture:12: describe the structure of neuromuscular junction and transmission of impulses (PY3.4)	L-17.Brachial plexus AN 10.3,10.5,10.6	DOAP- Sterno-clavicular joint AN 13.4		1.Recording of PTR (PY 5.12) 2.Neubauer's chamber DOAP 4	Biochemistry DOAP-3: BI 11.6 & 11.18 Describe principles of Colorimetry & Spectrophotometry		
6	History of outbreaks , epidemics and pandemics (F 1)	Lecture: 17:Describe the composition and functions of blood components Discuss the origin, forms, variations and functions of plasma proteins PY 2.1/2.2	<b>ECE-1 anatomy</b>		L-3	PSM L 3, CM-1.2	SPORTS		

1	Discuss the various career pathways and opportunities for personal growth	L-6: BI 5.2 ( Functions of proteins, Hemoglobin)	<b>L-18.APPLIED OF Brachial plexus AN 10.3,10.5,10.6</b>	DOAP-DISSECTION		1.Recording of PTR (PY 5.12) 2.Neubauer's chamber DOAP 4	Biochemistry DOAP-4: BI 11.8 Estimation of Serum Total Proteins.		
2	Awareness of history of medicine & alternate system of medicine(FC1.10)	Lecture:13: Describe the different types of muscle fibres and their structure (PY3.7)	L-19.Muscles of back AN 12.12	<b>AETCOM ANATOMY MODULE 1.5</b>		ECE-1 Biochemistry: Discuss & interpret results of Arterial blood gas (ABG) analysis in various disorders. (Vertical Integration with Medicine/ Anaesthesia/ICU)			
3	Significance and methods of stress management (FC 4.7)	L-7: BI 5.2 ( Functions of proteins, Hemoglobin)	<b>L-20.Shoulder region AN 10.9 TO 10.11 Scapular region, Quadrangular &amp; triangular spaces. AN 10.8, 10.9, 13.4</b>	DOAP-DISSECTION		1.Recording of PTR (PY 5.12) 2.Neubauer's chamber DOAP 4	Biochemistry DOAP-4: BI 11.8 Estimation of Serum Total Proteins.		
4	Signification of working in a health care team (FC 4.4)	Lecture: 14: Descibe the action potential and its properties in different muscle types (PY 3.8)	L-21.Shoulder joint AN 10.12	DOAP-DISSECTION		SDL/ TUT/ Seminar Physio			

5	First aid in a simulated environment (FC 2.2)	Lecture: 15: describe the molecular basis of muscle contraction in skeletal muscle and smooth muscle (PY3.9)	L-22. Anterior compartment of arm, AN 11.1 to 11.3, 13.1 Brachial artery,	DOAP-DISSECTION		UG seminar: Gen Physiology SGT	Biochemistry DOAP-4: BI 11.8 Estimation of Serum Total Proteins.		
6	First aid in a simulated environment (FC 2.)	Lecture: 16: Describe the mode of muscle contraction (isotonic and isometric) explain energy source and muscle metabolism, gradation of muscular activity and describe strength duration curve (PY3.10 ,3.11, 3.12 and 3.17 )	\$Tutorial	<b>AETCOM ANATOMY MODULE 1.5</b>		PSM: SGT-1 CM-1.5	SPORTS		
1	Universal precaution biosafety (FC 2.3)	L-23. Cubital fossa , AN11.5	L-8: BI 5.2 (Haemoglobinopathies)	Formative assesment 1 : Gen Physiology	Biochemistry DOAP-5: BI 11.22 Estimation of Albumin & A: G	DOAP-DISSECTION			

2	Handling & safe disposal of bio hazardous material (FC 2.4)	L-24. Posterior compartment of arm, Muscles, Nerves and vessels, AN 11.5	Lecture: 18: Erythropoiesis Describe and discuss the synthesis and functions of Haemoglobin and explain its breakdown. Describe variants of haemoglobin, structure & functions of RBC (PY2.3)	Biochemistry SDL-1: Student's Seminar on Functions of Albumin.			DOAP-DISSECTION		
3	Professionalism & ethics - The concept (FC 4.1)	DOAP- Ulna AN 8.1 to 8.6	L-9: BI 2.1 Enzymes, Isoenzymes, Coenzymes & Cofactors.	1. Collection of blood and anticoagulants 2. Intro to amphibian lab and dissection DOAP 7	Biochemistry DOAP-5: BI 11.22 Estimation of Albumin & A: G ratio		DOAP-Radius AN 8.1 to 8.6		
4	National Health scenario demographic sociocultural & epidemiological issues (FC 3.2)	L-25. Palm-Muscles AN 12.5- 12.9	Lecture: 19: Describe RBC formation (erythropoiesis & its regulation) and its functions	SDL/ TUT/ Seminar Physio			DOAP-DISSECTION		
5	Role of yoga and meditation in personal health (FC 4.8))	L-26. Palmar spaces AN12.10	Lecture: 20: Describe WBC formation (granulopoiesis) and its regulation PY2.6	1. Collection of blood and anticoagulants 2. Intro to amphibian lab and dissection DOAP 7	Biochemistry DOAP-5: BI 11.22 Estimation of Albumin & A: G ratio		DOAP-DISSECTION		

6	Language (Communication skills)	L-27.Flexor compartment of Forearm muscles AN 12.1, Arterial & Nerve supply AN 12.2	Lecture:21: Define and classify different types of immunity. Describe the development of immunity and its regulation PY2 10				SPORTS,ECA		
1	Biomedical waste , its segregation and management (FC 2.7)	L-28.Extensor compartment of Forearm muscles AN12.9, 12.10, 12.11 Dorsum of Hand ,Arterial & Nerve supply AN 12.5 -7	L-10: Principles of Enzyme activity	1. Collection of blood and anticoagulants 2. Intro to amphibian lab and dissection DOAP 7	Biochemistry DOAP-6: BI 11.13 Demonstrate the estimation of SGOT/ SGPT.		DOAP-DISSECTION		
2	National health Goals and policies(FC 3.1)	L-29.HISTOLOGY CORNEA AN 43.2, SKIN AN72.1	Lecture 22: Describe the formation of platelets, functions and variations.PY 2.7	Biochemistry SGT/T-4: BI 2.4 Enzyme inhibition as poisons & therapeutic enzymes.			DOAP/\$Tutorial		
3	Significant & appropriate ways of time management (FC 4.9)	L-30.Extensor retinaculum, Synovial sheaths, Extensor Expansion, Nerves and vessels at the back of Forearm AN 12.12, 12.14	AETCOM Session 1.2 A (Biochemistry)	rev practs	Biochemistry DOAP-6: BI 11.13 Demonstrate the estimation of SGOT/ SGPT.		L-31.Elbow joint AN11.6 Radio ulnar Joints and Wrist joint Other small joints, AN 13.3 Lect.	DOAP-Radiology AN13.5	

4	Basic life support (FC 2.1)	L-32.Nerve injury of arm AN11.4, 12.4, 12.8, 12.13	ECE.1: anaemias			DOAP/Tutorial(Nerve injuries)		
5	Basic life support (FC 2.1)	L-33.Histo-Epithelium AN 65.1-2	Lecture:24: Describe the functional anatomy of respiratory tract PY6.1	rev practs	Biochemistry DOAP-6: BI 11.13 Demonstrate the estimation of SGOT/SGPT	DOAP/\$Tutorial		
6	Protective hand washing & PPE (FC 2.5)	L-34.Embryo-General Introduction (Mitosis, Meiosis) AN 76.1.76.2	Lecture: 25:Describe the mechanics of normal respiration, pressure changes during ventilation PY 6.2			SPORTS,ECA		
1	Immunization requirements of health care professionals (FC 2.8)	L-35.Histo-Connective tissue AN 66 . 1-2	L-11: BI 2.5 Enzymes as markers of pathological conditions.	1.Estimation of hemoglobin (PY3.11) 2. amphibian experiment DOAP 10	Biochemistry DOAP-7: BI 11.14 Demonstrate the estimation of Alkaline Phosphatase.	DOAP/\$Tutorial		

2	Significance of documentation in patients care and proper methods of documentation (FC 2.9)	L-36.Embryo-Gametogenesis AN 77.1.77.2-77.3	ECE-2 Biochemistry: Diabetes Mellitus				\$Tutorial		
3	Learning pedagogy & its role in learning skills (FC 4.13)	L-37.Histo-Cartilage AN-71.2	L-12: BI 2.6 Use of enzymes in laboratory investigations	rev practs	Biochemistry DOAP-7: BI 11.14 Demonstrate the estimation of Alkaline Phosphata		DOAP/\$Tutorial		
4	Altruism as a virtue of a physician and case discussion (FC 4.3)	L-38.Embryo-Chromosomal disorder along with Karyotyping AN 73.2,75.1-75.5	Lecture:27:Work of breathing , diffusion capacity of lungs PY 6.2	Lecture:23: Describe the physiological basis of hemostasis and, anticoagulants. Describe bleeding & clotting disorders (Hemophilia, purpura) PY 2.8	Lecture:26: ventilation, V/P ratio, alveolar surface tension and compliance PY 6.2		\$Tutorial		
5	Components of cultural competence and understanding and respect of cultural diversities (FC 4.6)	L-39.Embryo-Blastocyst AN 78.1	Lecture:28: Describe and discuss lung function tests	1.Estimation of hemoglobin (PY3.11) 2. amphibian experiment DOAP 10	Biochemistry DOAP-7: BI 11.14 Demonstrate the estimation of Alkaline Phosphata se.		\$Tutorial		

6	Core values that define nature of physicians work (FC4.2)	L-40.Embryo-Dev.of Primitive streak Notochord, AN 79.1,79.2	Lecture: 29:Define and Describe lung volume and capacities				SPORTS,ECA		
1	Health care system in India (FC 3.3)	L-41.Histo-Bone AN 71.1	AETCOM Session 1.2 B (Biochemistry)	Formative assesment: NM physiology/ Rev practs	Biochemist ry DOAP-8: BI 11.21 (A): Estimation of Glucose		DOAP/Tutorial		
2	Basic principles of community health (FC 3.4)	L-42.Histo-Nervous tissue AN 68.1,2,3	Lecture 30:Describe and discuss the transport of respiratory gases: Oxygen and Carbon dioxide PY 6.3	Biochemistry SDL-2: Student's Seminar: BI 2.4: Describe & discuss the clinical utility of various serum enzymes as biochemical markers of common pathological conditions: a) Bone diseases b) Hepatobiliary diseases c) Pancreatitis			DOAP/Tutorial		
3	Computer Basic (Internet)	L-43.Embryo-Dev.of Neural crest & Derivative of ectoderm AN 79.3	L-13: BI 3.1 Chemistry of Carbohydrates.	1. EstimateBlood group PY 2.11 2. amphibian expeiments (PY3.18) DOAP 15	Biochemist ry DOAP-8: BI 11.21 (A): Estimation of Glucose in serum.		\$Tutorial		
4	ethics Basic communication skills – importance of good communication in medicine (FC 5.1)	L-44.Histo-Blood vessels AN 69.1,2,3	Lecture: 31:Describe regulation of respiration	Formative assesment: Hematology			DOAP/Tutorial		

5	Understanding of different methods of self-directed learning (FC 4.14)	L-45.Embryo-Somites, derivatives of mesoderm, derivatives of endoderm AN 79.4	Lecture: 32: Describe and discuss the physiology of high altitude PY 6.4	1. Estimate Blood group PY 2.11 2. amphibian experiments (PY3.18) DOAP 15	Biochemistry DOAP-8: BI 11.21 (A): Estimation of Glucose in serum.		\$Tutorial		
6	Describe disability as per UN convention on rights of person with disability and compare & contrast medical & social model of disability (4.5.1, 4.5.2)	L-46.Embryo-Formation & function of Placenta Twinning(twin) pregnancy, membranes AN 80.3-80.4	Lecture: 33: Describe and discuss the High altitude physiolog and acclimatization . PY6.5				SPORTS, ECA		
1	Disability etiquettes while addressing people with disabilities & awareness of disabilities included in rights of persons with disabilities act 2016 (4.5.3, 4.5.4)	Osteology: DOAP- Sternum , AN 21.1	L-14: BI 3.2 Digestion & assimilation of carbohydrates & storage.	1. Estimate Blood group PY 2.11 2. amphibian experiments (PY3.18) DOAP 15	Biochemistry DOAP-9 (A): BI 11.16 Observe use of commonly used equipments/ techniques		DOAP- Osteology: , THORACIC VERTEBRA, AN 21.1		
2	Use of verbal and non verbal empathetic communication techniques while communicating with people with disabilities (4.5.5)	Osteology: DOAP- Ribs AN 21.2	Lecture 34: principles of artificial respiration, oxygen therapy, hypoxia, cyanosis asphyxia	Biochemistry SGT/T-5: BI 3.1 Chemistry of Carbohydrates.			DOAP- Osteology: ATYPICAL RIBS AN 21.2		

3	Demonstrate non – discriminatory behavior towards patients or caregivers with disabilities (4.5.6)	L-47.EMBRYOLOGY RESPIRATORY SYSTEM	L-15: BI 3.3 Describe assimilation of carbohydrates from food.	Formative assesment: NM physiology/ Rev practs	Biochemist ry DOAP-9 (A): BI 11.16 Observe use of commonly used equipments/ techniques in		\$Tutorial		
4	Accessible healthcare setting for patients with disabilities including universal design (4.5.7)	L-48.Introduction-thoracic wall (intercostal muscles and nerve) AN 21.3-21.7	ECE 2 : NM blocker anaesthesia				DOAP-DISSECTION		
5	Understanding process & group learning & group dynamics (FC4.12)	L-49.Cavity of thorax-mediastinum AN 21.11,23.1,24.1	Lecture: 36: Principles of Artificial respiration	1.determination of BT CT PY 2.11 2.amphibian experiments py 3.18 DOAP 16	Biochemist ry DOAP-9 (A): BI 11.16 Observe use of commonly used equipments/ techniques in biochemistry laboratory.		DOAP-DISSECTION		

6	Importance of interpersonal relationship of understanding of mentoring (FC 4.11)	L-50.Pleura AN 24.2	Lecture:37: Describe and discuss the pathophysiology of drowning, periodic breathing and decompression sickness PY 6.6				SPORTS,ECA		
1	Raising awareness of human rights of persons with disabilities - (4.5.8)	L-51.Lungs AN 24.4.24.5	L-16: BI 3.4 Metabolism of Carbohydrates.	1.determination of BT CT PY 2.11 2.amphibian experiments py 3.18 DOAP 16	Biochemistry DOAP-10: BI 11.19 Basic principles involved in functioning of instruments. (Small Group)		DOAP-DISSECTION		
2	Expectation of students from nation ,society institution , peers colleagues and patients (FC1.3)	L-52.Bronchopulmonary Segment AN 24.3 Phrenic nerve AN 24.4	Lecture: 38:Describe the functional anatomy of heart including chambers, Pacemaker tissue .PY 5.1 INTEGRATION	SGT/T-6: Chat with Ortho deptt.: BI 2.4 Utility of various serum enzymes as biochemical markers of common pathological conditions: A) Bone diseases Soft tissue injury			DOAP-DISSECTION		

3	Basic Communication Skills (role play disability ) FC 5.1	L-53.A.N.S. (pericardium & sinuses) AN 22.1	AETCOM Session 1.2 C (Biochemistry)	1.determination of BT CT PY 2.11 2.amphibian experiments py 3.18 DOAP 16	Biochemistry DOAP-10: BI 11.19 Basic principles involved in functioning of instruments. (Small		DOAP-DISSECTION		
4	Basic Communication Skills (role play (Empathy) FC 5.1	L-54.Heart anatomy AN 22.2,22.6 (VERTICAL INTEGRATION MEDICINE)	ECE3: CVS + HTN				DOAP-DISSECTION		
5	Basic Communication Skills (role play good communication in Medicine ) FC 5.1	L-55.Blood supply of Heart AN 22.3	Lecture: 40:Discuss the events occurring during the cardiac cycle PY 5.3	Formative assesment: NM physiology/ Rev practs	Biochemistry DOAP-10: BI 11.19 Basic principles involved in functioning of instruments. (Small		DOAP-DISSECTION		
6	Protective hand washing and PPE (FC 2.5)	L-56.Interior of right atrium, rt. ventricle AN 22.2Interior of Left Atrium,Left Ventricle 1-AN 22.2 22.7	Lecture: 41:Describe the physiology of electrocardiogram (E.C.G), its wave form PY 5.5 VERTICAL INT MEDICINE				SPORTS,ECA		

1	Interaction with seniors (FC1.5)	L-57. Interior of right atrium, rt. ventricle AN 22.2 Interior of Left Atrium, Left Ventricle 2-AN 22.2 22.7	L-17: BI 3.4 Metabolism of Carbohydrates.	1. Preparation and staining of smear 2. Systemic examination of RS	Biochemistry DOAP-11: General tests for qualitative estimation of Carbohydrates		DOAP-DISSECTION		
2	Interaction with seniors (FC1.5)	L-58. Embryology- CVS LECT.	ECE-3 Biochemistry: Metabolic Acidosis & Alkalosis, Respiratory Acidosis & Alkalosis				<b>ECE-2 anatomy</b>		
3	Understanding use of physician at various levels of health care delivery and principles of family practice	L-59. Posterior Mediastinum AN 23.1 23.3 Superior Mediastinum AN 23.4, 24.6	L-18: BI 3.4 Various pathways of Carbohydrate metabolism	Formative assessment: NM physiology/ Rev practs	Biochemistry DOAP-11: General tests for qualitative estimation of Carbohydrates		DOAP-DISSECTION		
4	Consequences of unethical and unprofessional behavior (FC 4.1)	L-60. Histology of respiratory system	Lecture: 43: Describe abnormal ECG, arrhythmias, heart block and myocardial Infarction PY 5.6 VERTICAL INTEGRATED MEDICINE	Lecture: 39: Describe the properties of cardiac muscle including its morphology, electrical, mechanical and metabolic functions PY 5.2	Lecture: 35: Pathophysiology of Cyanosis, dyspnoea, asphyxia, periodic breathing		DOAP-DISSECTION		

5	Medical negligence & violence against Doctors (FC 4.1)	L-61.Joint & Thoracic Movements AN 21.8-21.10	Lecture: 44: Describe and discuss haemodynamics of circulatory system-i PY 5.7	1. Preparation and staining of smear 2. Systemic examination of RS	Biochemistry DOAP-11: General tests for qualitative estimation of Carbohydrates		DOAP /Tutorial RADIOLOGY SURFACE MARKING AN 25.9		
6	Brief introduction of medico legal cases (FC 4.1)	DOAP-53. OSTEOLOGY HIP BONE	Lecture: 45:Describe and discuss haemodynamics of circulatory system- ii PY 5.7				SPORTS,ECA		
1	Interactive feed back on foundation course	DOAP-56. OSTEOLOGY - FEMUR	AETCOM session 1.2 D(Biochemistry)	1. Estimate DLC 2. Demonstrate the correct technique to perform & interpret Spirometry	Biochemistry DOAP-12 : Tests for Disaccharides & Polysaccharides		DOAP-PATELLA		
2	Interactive feed back on foundation course	L-62.INTRODUCTION - FRONT OF THIGH AN 15.1, 20.5 FEMORAL SHEATH (FEMORAL CANAL & HERNIA) AN 15.4	Lecture:46: Describe and discuss local and systemic cardiovascular regulatory mechanisms PY 5.8	Biochemistry SGT/T-7: BI 3.4 Different pathways of carbohydrate metabolism.			DOAP-DISSECTION		

3	Structured feed back on foundation course	L-63.FEMORAL TRIANGLE & CONTENTS AN 15.3, 20.4	L-19: BI 3.4 Various pathways of Carbohydrate metabolism	1. Estimate DLC 2. Demonstrate the correct technique to perform & interpret Spirometry	BiochemistryDOAP-12 : Tests for Disaccharides & Polysaccharides		DOAP-DISSECTION		
4		L-64.MUSCLES OF FRONT OF THIGH AN 15.2 ADDUCTOR CANAL AN 15.5	ECE4: Breathing Disorders TB chest				DOAP-DISSECTION		
5	SDL ANATOMY	L-65.ADDUCTOR COMPARTMENT OF THIGH AN 15.2	L 48:Define cardiac output, factors affecting cardiac output, PY 5.9	rev practs	BiochemistryDOAP-12 : Tests for Disaccharides & Polysaccharides		DOAP-DISSECTION		
6	SDL ANATOMY	L-66.GLUTEAL REGION – I AN 16.1, 16.3	Lecture:49: regulation of cardiac output and measurement PY5.9				SPORTS,ECA		
1	PSM: L-4 CM-1.3	L-67.GLUTEAL REGION – II (STRUCTURE UNDER COVER GLUTEUS MAXIMUS) AN 16.2	L-20: BI 3.5 Regulation & integration of carbohydrate metabolism	1. Estimate DLC 2. Demonstrate the correct technique to perform & interpret Spirometry	BiochemistryDOAP-13 : Identification of Unknown Carbohydrates.		DOAP-DISSECTION		

2	L-21: BI 3.6 & 3.7: TCA cycle as amphibolic pathway & inhibitors for enzymes of carbohydrate metabolism.	L-68.POPLITEAL FOSSA AN 16.6	Lecture: 50: Define Blood pressure Describe the factors affecting BP, PY 5.9	Biochemistry SDL-3: Student's Seminar: Glycogen Storage Disease ( Etiopathogenesis, symptomatology & Management)		DOAP-DISSECTION		
3		L-69.BACK OF THIGH AN 16.4, 16.5	L-22: BI 3.9 Significance of Blood glucose & fructose regulation.	rev practs	BiochemistryDOAP-13 : Identificati on of Unknown Carbohydrates	DOAP-DISSECTION		
4		L-70.HIP JOINT AN 17.1, 17.2, 17.3	ECE5: ALD/ Liver palpation			DOAP-DISSECTION		
5	SDL ANATOMY	DOAP-OSTEOLOGY TIBIA,AN 20.7	Lecture:52: Describe and discuss cardio-respiratory and metabolic adjustments during exercise; physical training effects PY 11.4	AETCOM Physilogy Module: 1.1 B Rev practs	BiochemistryDOAP-13 : Identificati on of Unknown Carbohydrates.	DOAP-FIBULA AN 20.7		
6	SDL ANATOMY	DOAP-OSTEOLOGY DEMONSTRATION - ARTICULATED FOOT AN14.4	Lecture:53: Describe & discuss microcirculation, capillary circulation and oedema PY 5.10			SPORTS,ECA		

1	PSM: L-5 CM1.4	L-71.FRONT OF LEG AN 18.1, 18.2	L-23: BI 3.8 Lab results & interpretation of metabolism of carbohydrate analytes.	AETCOM Physilgy Module: 1.1 B Rev practs	Biochemist ryDOAP-14 : Precipitatio n reaction of Proteins	ECE-3 ANATOMY			
2	AETCOM session 1.2 E (Biochemistry)	L-72.DORSUM OF FOOT AN 18.3	Lecture:54: Desccribe lymph and lymphatic circulation PY 5.10	Biochemistry SGT/T-8: BI 3.10 Lab reports interpretation of Blood glucose levels & related disorders of carbohydrate metabolism		DOAP-DISSECTION			
3	Lecture:55: Discuss coronary circulation and pathophysiology of CAD	L-73.LATERAL COMPARTMEN T OF LEG AN 20.3+C85:C86	L-24: BI 6.6 Biological oxidation	AETCOM Physilgy Module: 1.1 B Rev practs	Biochemist ryDOAP-14 : Precipitatio n reaction of Proteins	DOAP-DISSECTION			
4	Lecture: 56:Desccribe cerebral circulation	L-74.BACK OF LEG-SUPERFI CIAL COMPT. AN 19.1, 19.2, 19.3	Lecture 57: Describe & discuss regional circulation including skin, foetal, pulmonary and splanchnic circulation PY 5.10 VERTICLE WITH MEDICINE	Lecture: 42:cardiac axis and applications of ECG PY 5.5	Lecture:47: Define Heart rate Describe the factors affecting heart rate, regulation of heart rate PY 5.9	DOAP-DISSECTION			
5	SDL ANATOMY	L-75.BACK OF LEG – DEEP COMPARTMEN T AN 19.1, 19.2, 19.4	Lecture:58: Describe the patho-physiology of shock, syncope and heart failurePY 5.11	SGL: Transport of Gases / Hb disssiati on curve	Biochemist ryDOAP-14 : Precipitatio n reaction of Proteins	DOAP-DISSECTION	L-76.SOLE I AN 19.5- 19.7		

6	<b>SDL ANATOMY</b>	L-77.SOLE II AN 19.5- 19.7	Lecture:59: syncope and heart failurePY 5.11				SPORTS,ECA		
1	PSM: L-6 CM 1.7	<b>L-78(LECT.)APPLIED KNEE JOINT (INTEGRATION WITH ORTHO)</b>	L-25: BI 6.6 Processes involved in generation of energy.	SGL: Transport of Gases / Hb dissiation curve	Biochemist ry DOAP-15: Colour reactions of Proteins		DOAP-DISSECTION		
2		L-79.KNEE JOINT - AN 18.4, 18.5, 18.6, 18.7	ECE-4 Biochemistry: Myocardial Infarction (with Lab reports interpretation)				DOAP-DISSECTION		
3	Lecture:61: P1. Describe the structure and functions of digestive system PY4.1	L-80.HISTOLOGY LYMPHOID SYSTEM	L-26: BI 6.6 Biological Oxidation	1. Estimation of WBC count 2. Demonstrate the correct technique to perform measurement of peak expiratory flow rate in a normal volunteer or simulated environment PY 6.10	Biochemist ry DOAP-15: Colour reactions of Proteins		DOAP/TUTORIAL		
4	Lecture:62: P2. Describe the structure and functions of digestive system PY4.1	<b>L-81. ANKLE JOINT AN20.1 JOINTS OF FOOT INCLUDING TIBIOFIBULAR JOINT 1- AN 20.1 TO 20.2</b>	Lecture:63: P2. Describe the structure and functions of digestive system PY4.1	Lecture: 60: Describe the structure and functions of digestive system	Lecture:51: Describe regulation of blood pressure py 5.9		DOAP-DISSECTION		

5	SDL ANATOMY	<b>L-82. ANKLE JOINT AN20.1 JOINTS OF FOOT INCLUDING TIBIOFIBULAR JOINT 2- AN 20.1 TO 20.2</b>	Lecture:64. Describe the composition, mechanism of secretion, functions, and regulation of saliva PY4.2	rev Practs	Biochemistry DOAP-15: Colour reactions of Proteins		DOAP-DISSECTION		
6	SDL ANATOMY	L-83.ARCHES OF FOOT AN 19.5, 19.6, 19.7	Lecture:65: functions, and regulation of gastric secretion py 4.2				SPORTS,ECA		
1	PSM: L-7 CM1.8	L-84.VENOUS DRAINAGE OF LOWER LIMB AN 20.3 (VERTICAL INTEGRATION SURGERY)	L-27: BI 4.1 Chemistry of Lipids	1. Estimation of WBC count 2. Demonstrate the correct technique to perform measurement of peak expiratory flow rate in a normal volunteer or simulated environment PY 6.10	Biochemistry DOAP-16 : BI 11.16 (B) Observe use of commonly used equipments/ techniques in biochemistry laboratory: (Autoanalyser & Quality Control)		DOAP-SURFACE MARKING & RADIOLOGY AN 54.1-54.3 & AN 55.1 55.2		
2	L-28: BI 4.1 Chemistry of Lipids	DOAP-84.OSTEOLOGY DEMONSTRATION ( LUMBER VERTEBRE &	Lecture:66: pancreatic, intestinal juices and bile secretion PY 4.2	Biochemistry SDL-4: Student's Seminar: ATP Synthase enzyme complex.			DOAP		

3	Lecture:67: Describe GIT movements, regulation and functions PY 4.3	L-85.INTRODUCTION OF ABDOMEN (PLANES & QUADRANTS) AN 44.1	L-29: BI 4.1 Chemistry of Lipids	1. Estimation of WBC count 2. Demonstrate the correct technique to perform measurement of peak expiratory flow rate in a normal volunteer or simulated environment PY 6.10	Biochemistry DOAP-16 : BI 11.16 (B) Observe use of commonly used equipments/ techniques in biochemistry laboratory: (Autoanalyser & Quality Control)	DOAP-DISSECTION		
4	Lecture:68: Describe defecation reflex. Explain role of dietary fibre.PY 4.3	L-86.MUSCLES OF ANTERIOR ABDOMINAL WALL AN44.6	Lecture:69: Describe the physiology of digestion and absorption of nutrients PY 4.4	AETCOM Physiology Module: 1.1D	DOAP-DISSECTION			

5	SDL ANATOMY+A80:C99	L-87.RECTUS SHEATH AN 44.3	Lecture: 70:Describe the source of GIT hormones, their regulation and functionsPY 4.5	Rev Practs	BiochemistryDOAP-16 : BI 11.16 (B) Observe use of commonly used equipments/ techniques in biochemistry laboratory: (Autoanalyser & Quality Control)		DOAP-DISSECTION		
6	SDL ANATOMY	L-88.INGUINAL CANAL & HERNIA AN 44.5, AN 44.4 (VERTICAL INTEGRATION SURGERY)	Lecture: 71:Describe the Gut-Brain Axis PY 4.6				SPORTS,ECA		
1	PSM: L-8 CM2.4	L-89.MALE EXT. GENITAL ORGANS AN 46.1 – AN 46.5	L-30: BI 4.3 Metabolism of lipids	1. Estimation of RBC count PY 2.11 2. Clinical examination of CVS PY 5.15	Biochemistry DOAP-17: General tests for Lipids		DOAP-DISSECTION		

2	AETCOM session 1.2 F (Biochemistry)	L-90.THORACO LUMBER FASCIA AN 45.1	Lecture: 72:Describe & discuss the structure and functions of liver and gall bladder PY 4.7	Biochemistry SGD 9 BI 4.1 CHEMISTRY OF LIPID		DOAP-DISSECTION		
3	Lecture:73: Describe & discuss gastric function tests, pancreatic exocrine function tests PY 4.8	L-91.PERITONIUM AN 47.1 – 47.4	L-31: BI 4.3 Metabolism of lipids	1. Estimation of RBC count PY 2.11 2. Clinical examination of CVS PY 5.15	Biochemistry DOAP-17: General tests for Lipids	DOAP-DISSECTION		
4	Lecture:74:liver function tests PY 4.8	L-92.PERITONIUM & POSITION OF VISCERA AN 47.1 – 47.4	ECE PHY 6 : Dialysis unit			DOAP-DISSECTION		
5	SDL ANATOMY	L-93.SPLEEN AN 47.5	Lecture:76: vomiting, diarrhoea, constipation, Adynamic ileus, Hirschsprung's disease PY 4.9	Formative assessment: Renal	Biochemistry DOAP-17: General tests for Lipids	DOAP-DISSECTION		
6	SDL ANATOMY	L-94.COELIAC TRUNK AN 47.9	Lecture:77: Structure & functions of Kidney PY 7.1			SPORTS,ECA		
1	PSM: L-9 CM2.5	L-95.STOMACH AN 47.6	L-32: BI 4.3 Metabolism of Lipids	1. Estimation of RBC count PY 2.11 2. Clinical examination of CVS PY 5.15	Biochemistry DOAP-18: BI 11.10 Estimation of Triglycerides in serum	DOAP-DISSECTION		

2	L-33: BI 4.5 Lab reports interpretation of lipid metabolism analytes.	L-96.MESENTRY, SUPERIOR MESENTRIC ARTERY AN 47.9 INFERIOR MESENTRIC ARTERY, AN 47.9	Lecture:78: PY 7.2 J-G aparatus	BiochemistrySGD10BI:DIGESTION AND ABSORPTION OF DIETARY LIPID		DOAP-DISSECTION		
3	Lecture:79: GFR-1 PY 7.3	L-97.SMALL INTESTINE AN 47.9	L-34: BI 4.6 Therapeutic uses of Prostaglandins & Inhibitors of Eicosanoids.	1. Estiamte platelate count 2.Examine JVP and Arterial Pulse tracing by finger plethysmography PY 5.16	Biochemist ry DOAP-18: BI 11.10 Estimation of Triglyseride	ECE-4 ANATOMY		
4	Lecture:80:GFR-2 PY 7.3	L-98.CAECUM , APPENDIX AN 47.6	Lecture:81: mechanism of urine formation (tubular reabsorption , secretion and filtration ) I PY 7.3	Lecture:75: Discuss the physiology aspects of: peptic ulcer, gastrooesophageal reflux disease PY 4.9		DOAP-DISSECTION		
5	SDL ANATOMY	Lecture: 82:mechanism of urine formation (tubular reabsorption ,se cretion anfd filtration- II PY 7.3	L-99.DUODENU M AN47.6	DOAP-DISSECTION		AETCOM Physiology Module: 1.2A Rev Practs	Biochemistry DOAP-18: BI 11.10 Estimation of Triglyserides in serum	
6	SDL ANATOMY	Lecture:83: Counter current mechanism PY 7.3	L-100.PORTAL VEIN AN 47.8	DOAP-DISSECTION		PSM SDL 1	SPORTS	

1	FIRST SESSIONAL EXAMINATION								
2									
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1	PSM: L-10 CM3.1	L-35: BI 5.3 Protein Metabolism	L-101.PANCREAS AN 47.6	DOAP-DISSECTION		1. Estimate platelet count 2. Examine JVP and Arterial Pulse tracing by finger plethysmography	Biochemistry DOAP-19: BI 11.9 Demonstrate the estimation of serum Total Cholesterol & HDL cholesterol.		
2	L-36: BI 5.3 Protein Metabolism	Lecture:84: Acid base balance PY 7.5	L-102.EXTRA HEPATIC BILIARY APPARATUS AN47.6	DOAP-DISSECTION		ECE-5 Biochemistry: Jaundice			
3		L-37: BI 5.3 Protein Metabolism	L-103.LIVER AN 47.6	DOAP-DISSECTION		1. Estimate platelet count 2. Examine JVP and Arterial Pulse tracing by finger plethysmography PY 5.16	Biochemistry DOAP-19: BI 11.9 Demonstrate the estimation of serum Total Cholesterol & HDL cholesterol.		

4		Lecture: 85: Acidification of urine PY 7.5	L-104.KIDNEYS AN 47.6	DOAP-DISSECTION		ECE PHY 7- Endo		
5	SDL ANATOMY	Lecture: 86: renal regulation of fluid and electrolyte balance PY 7.5	L-105.SUPRA RENAL GLANDS & A.N.S. AN 47.12 ABDOMINAL AORTA & I.V.C. AN 47.8 – 47.9	<b>DOAP-106.DISSECTION</b>		AETCOM Physiology Module: 1.2A Rev Practs	Biochemistry DOAP-19: BI 11.9 Demonstrate the estimation of serum Total Cholesterol & HDL cholesterol.	
6	SDL ANATOMY	Lecture: 87: Innervation of bladder & micturition reflex PY 7.6, Describe cystometry and discuss the normal cystometrogram 7.9	<b>L-106.Embryology- GIT 1, AN 43.2 , 52.1</b>	<b>Tutorial</b>		PSM: SGT 2 CM 1.6	SPORTS	
1	PSM: L-11 CM3.2	AETCOM session 1.2 G (Biochemistry)	<b>L-107.Embryology- GIT 2, AN 43.2 , 52.1</b>	<b>Tutorial</b>		1. Estimate ESR/PCV/ osmotic fragility PY 2.12 2. record BP and pulse at rest and in different grades of exercise/posture in a volunteer	Biochemistry DOAP-20: BI 11.5 Describe screening of urine for Inborn errors & describe the use of Paper chromatography (Demonstration)	

2	L-38: BI 5.3 Protein Metabolism	Lecture:88: Describe & discuss the significance & implications of renal clearance PY 7.4,	L-108.DIAPHRAGM AN 47.13	DOAP-DISSECTION		Biochemistry SGT/T-11: BI 4.4: Structure & function of lipoproteins & Atherosclerosis.		
3	Lecture: 89 :Renal function test and applied PY7.8	L-39: BI 5.5 Interpretation of lab reports of protein metabolism.	<b>L-109.DEVELOPMENT OF BODY CAVITIES &amp; DIAPHRAGM AN 52.5</b>	<b>Tutorial</b>		1. Estimate ESR/PCV/ osmotic fragility PY 2.12 2. record BP and pulse at rest and in different grades of exercise/posture in a volunteer	Biochemistry DOAP-20: BI 11.5 Describe screening of urine for Inborn errors & describe the use of Paper chromatography (Demonstration)	
4	Lecture:90 : Describe artificial kidney, dialysis and renal transplantation PY 7.7		L-110.INTRODUCTION OF PERINEUM AN 49.1-49.2 (VERTICAL INTEGRATION OBG & GYNE.)	DOAP-DISSECTION		Seminar/ tut/ SDL		
5	SDL ANATOMY	Lecture:91: Classification & mechanism of action of hormones PY 8.6	L-111.ISCHIO RECTAL FOSSA AN 49.4	DOAP-DISSECTION		AETCOM Physiology Module: 1.2A Rev Practs	Biochemistry DOAP-20: BI 11.5 Describe screening of urine for Inborn errors & describe the use of Paper chromatography (Demonstration)	

6	SDL ANATOMY	Lecture: 92 : Hypothalamus and Ant Pituitary - I PY 8.2	L-112.UROGENITAL REGION – MUSCLES AN49.3	DOAP-DISSECTION		PSM SGT-3, CM 3.3	SPORTS		
1	PSM: L-12 CM3.3	L-40: BI 6.1 Integration of Metabolism & Homeostasis	L-113.SUPERFICIAL & DEEP PERINEAL POUCH AN 49.1	DOAP-DISSECTION		1. Estimate ESR/PCV/ osmotic fragility PY 2.12 2. record BP and pulse at rest and in different grades of exercise/ posture in a volunteer	Biochemistry DOAP-21: BI 11.24 Enumerate advantages and/ or disadvantages of use of unsaturated, saturated and trans fats in food. (SGT/T)		
2	L-41: BI 6.1 Integration of Metabolism & Homeostasis.	Lecture:93 : Ant Pituitary - II PY 8.3	L-114.PELVIC VISCERA-OVARY & UTERINE TUBE AN 52.2, 48.2	DOAP-DISSECTION		Biochemistry SGT/T-12: BI 4.7: Lab reports interpretation associated with lipid metabolism			
3	Lecture: 94 : Post Pituitary PY 8.2	L-42: BI 6.1 Integration of Metabolism & Homeostasis.	L-115.UTERUS AN 52.2	DOAP-DISSECTION		1.Demonstrate Harvard Step test and describe the impact on induced physiologic parameters in a simulated environment 2. Amphibian Cardiac-1	Biochemistry DOAP-21: BI 11.24 Enumerate advantages and/ or disadvantages of use of unsaturated, saturated and trans fats in food. (SGT/T)		
4	Lecture: 95: Thymus and pineal gland PY 8.3	Lecture: 96: Thyroid I PY. 8.2, 8.4	L-116 UTERUS & VAGINA AN 52.2	DOAP-DISSECTION		AETCOM Session1.2B			

5	SDL ANATOMY	Lecture: 97 :Thyroid II PY.8.2, 8.4	L-117 URINARY BLADDER AN 52.2	AETCOM MODULE 1.4 ANATOMY		Rev practs	Biochemistry DOAP-21: BI 11.24 Enumerate advantages and/ or disadvantages of use of unsaturated, saturated and trans fats in		
6	SDL ANATOMY	Lecture:98: Parathyroid gland PY 8.2	L-118 VAS DEFERENCE, SEMINAL VESICLE, EJECULATORY DUCT AN46.1 -46.3	DOAP-DISSECT ION	L-119 PELVIC DIAPHRA GM AN 48.1 CONT.	SDL - 2	SPORTS		
1	PSM: L-13 CM3.4	L-43: BI 6.11 Haem metabolism & function	L-120 PROSTATE & URETHRA AN 52.2	DOAP-DISSECTION		1.Demonstrate Harvard Step test and describe the impact on induced physiologic parameters in a simulated environment 2. Amphibian Cardiac-1	Biochemistry DOAP-22: BI 11.3 Describe chemical composition of Normal urine		
2	L-44: BI 6.11 Haem metabolism & function	Lecture:99 : Physiology of bone & Calcium metabolism PY 8.1	L-121 POSTERIOR ABDOMINAL WALL & LUMBER PLEXUS 1- AN 45.1 – 45.3	DOAP-DISSECTION		ECE-6 Biochemistry: Describe the tests that are commonly done in clinical practice to assess the functions of Kidney. (Vertical integration with Medicine.)			

3	Lecture: 100 : Adrenal gland I (cortex )PY 8.2, 8.4	L-45: BI 6.11 Haem metabolism & function	L-122 POSTERIOR ABDOMINAL WALL & LUMBER PLEXUS 2- AN 45.1 – 45.3	DOAP-DISSECTION		1.Demonstrate Harvard Step test and describe the impact on induced physiologic parameters in	Biochemistry DOAP-22: BI 11.3 Describe chemical composition of Normal urine		
4	Lecture:101: Adrenal gland II (applied aspects)PY 8.2, 8.5	Lecture: 102: Endocrine Pancreas PY 8.2, 8.4	L-123 RECTUM AN 48.2	DOAP-DISSECTION		ECE PHY8 : Cerebellar disorder			
5	SDL ANATOMY	Lecture: 103 :Diabetes mellitus PY 8.2, 8.5	L-124 ANAL CANAL AN 48.2	DOAP-DISSECTION		AETCOM Session1.2C	Biochemistry DOAP-22: BI 11.3 Describe chemical composition of Normal urine		
6	SDL ANATOMY	Lecture:104 : Describe the metabolic and endocrine consequences of obesity & metabolic syndrome, Stress response. Outline the psychiatry component pertaining to metabolic syndrome.PY	L-125 PELVIC DIAPHRAGM AN 48.1	DOAP-DISSECTION		PSM: SGT-4 CM-1.10	SPORTS		

1	PSM: L-14 CM3.4	L-46: BI 6.3 Chemistry of Nucleic Acids	ECE -5 ANATOMY			1.Clinical Examination of abdo PY4.10 2. Amphibian cardiac 3	Biochemistry DOAP-23: BI 11.4 Perform Urine analysis to estimate & determine normal and abnormal constituents		
2	L-47: BI 6.3 Chemistry of Nucleic Acids	Lecture: 105 :Describe and discuss physiological consequences of sedentary lifestyle PY 11.5	L-126 PELVIC VESSELS & NERVES AN 48.3, 48.4	DOAP- SURFACE ANATOMY AND RADIOLOGY AN 54.1, 54.3, 55.1 ,55.2		<b>Biochemistry SDL5BI8.6</b> DEBATE:ROLE OF CHOLESTEROL IN HEALTH AND DISEASE			
3	Lecture: 106 :Sex determination & sex differentiation PY. 9.1	L-48 BI 6.3 Disorders related to Nucleic acids	DOAP- Osteology Norma Verticalis and Norma Frontalis – AN 26.1, 26.2	DOAP- Osteology Norma Verticalis and Norma Frontalis – AN 26.1, 26.2		1.Clinical Examination of abdo PY4.10 2. Amphibian cardiac 3	Biochemistry DOAP-23: BI 11.4 Perform Urine analysis to estimate & determine normal and abnormal constituents		
4	Lecture: 107 :Puberty PY 9.2	Lecture: 108 :Male reproductive system PY 9.3	DOAP-Osteology Norma Basalis ( Externa) – AN 26.2	DOAP- Osteology Norma Basalis ( Externa) – AN 26.2		Seminar/ tut/ SDL			

5	SDL ANATOMY	Lecture: 109: Female reproductive Menstrual cycle PY 9.4	DOAP-Osteology Norma Basalis (Interna) – AN 26.2, 26.3	AETCOM MODULE 1.4 ANATOMY		Formative assessment: Endo	Biochemistry DOAP-23: BI 11.4 Perform Urine analysis to estimate & determine normal and abnormal constituents		
6	SDL ANATOMY	Lecture: 110 : Sex hormones + effect of removal of gonads PY 9.5,9.7	DOAP- Osteology Norma Basalis (Interna) – AN 26.2, 26.3	DOAP- Osteology Norma Basalis (Interna) – AN 26.2, 26.3		PSM: SGT-5 CM2.1	SPORTS		
1	PSM: L-15 CM 3.6	L-49: BI 6.4 Lab results associated with Gout & Lesch Nyhan Syndrome.	DOAP- Osteology Norma Occipitalis– AN 26.2	DOAP		1.Clinical Examination of abdo PY4.10 2. Amphibian cardiac 3	Biochemistry DOAP-24: Identify abnormal constituents in urine, interpret the findings & correlate these with pathological		
2	L-50: BI 6.13 Organ function Tests (Kidney, Liver, Thyroid & Adrenal)	Lecture: 111 :Physiology Pregnany & Parturation PY 9.8	DOAP- Osteology Cervical Vertebrae– AN 26.5, 26.6	DOAP		BIOCHEMISTRY SGD13 BI2.4 CHAT WITH CARDIOLOGIST DESCRIBE AND DISCUSS THE CLINICAL UTILITY OF SERUM ENZYMES AS BIOCHEMICAL MARKERS IN MYOCARDIAL INFARCTION			

3	Lecture: 112 :Describe and discuss the Organization of Nervous system PY 10.1	L-51: BI 6.13 Organ function Tests (Kidney, Liver, Thyroid & Adrenal)	L- 127 Development of face and Palate(LECT.)	TUTORIAL			Seminar/SDL Physiology	Biochemistry DOAP-24: Identify abnormal constituents in urine, interpret the findings & correlate these with pathological states.		
4	Lecture: 113 : Describe and discuss functions and properties of Synapse I PY 10.2	Lecture:114 : Neurotransmitters and receptors PY 10.2 PY 10.10	L-128 Scalp– AN 27.1, 27.2	DOAP- DISSECTION			Seminar/ tut/ SDL			
5	SDL ANATOMY	Lecture: 115 :Describe and discuss somatic sensations PY 10.3	L-129 Face & Muscles – AN 28.1 – 28.8, 43.5	DOAP- DISSECTION			Seminar/SDL Physiology	Biochemistry DOAP-24: Identify abnormal constituents in urine, interpret the findings & correlate these with pathological states.		
6	SDL ANATOMY	Lecture: 116 :Describe and discuss sensory tracts PY 10.3	L-130 Deep cervical Fascia – AN 35.1, 35.10	<b>DOAP- DISSECTION</b>	L-131 CAVERNOUS SINUS AND APPLIED		SDL - 3	SPORTS		

1	PSM: L-16 CM 5.1	L-52: BI 6.13 Organ function Tests (Kidney, Liver, Thyroid & Adrenal)	L-132 Posterior Triangle – AN 29.1 – 29.4	DOAP- DISSECTION		1. Clinical examination of sensory system 2. Interpretatio n of Hematology report	Biochemistry DOAP-25: BI 11.17(A): Basis & rationale of biochemical tests done in various diseases. (Small group discussion): -Diabetes Mellitus -Dyslipidemia -Myocardial Infarction -Disorders of Acid Base Balance		
2	AETCOM 1.2 H (Biochemistry)	Lecture: 117 :Physiology of Pain and endogenous analgesia	L-133 Muscles of Back – AN 42.2	DOAP- DISSECTION		Biochemistry SGT/T-14 BI 5.4: Disorders associated with protein metabolism			

3	<p>Biochemistry Lecture 118 :Thalamus -structure ,function and applied aspects PY 10.7</p>	<p>L-53: BI 6.15 Abnormalities of Kidney, Liver, Thyroid &amp; Adrenal.</p>	<p>L-134 Sub-Occipital Triangle – AN 42.2</p>	<p>DOAP- DISSECTION</p>		<p>1. Clinical examination of sensory system 2. Interpretatio n of Hematology report</p>	<p>Biochemistry DOAP-25: BI 11.17(A): Basis &amp; rationale of biochemical tests done in various diseases. (Small group discussion): -Diabetes Mellitus -Dyslipidemia -Myocardial Infarction -Disorders of Acid Base Balance</p>		
4	<p>Lecture: 119 :Describe and discussfunctions of cerebral cortex PY 10.7</p>	<p>Lecture: 120 :Organizatio n of motor system (motor neurons, muscle spindle and golgi tendon organ</p>	<p>L-135 Median Region of front of neck – AN 32.1</p>	<p>DOAP- DISSECTION</p>		<p>Seminar/ tut/ SDL</p>			

5	AETCOM MODULE 1.4 ANATOMY	L 121 :Reflex arc , classification of reflexes(stretch ,inverse stretch and withdrawal reflex )	L-136 Anterior Triangle & Subdivision, DiGastric & Submental Triangle 1- AN 32.1, 32.2	DOAP- DISSECTION		Seminar/SDL Physiology	Biochemistry DOAP-25: BI 11.17(A): Basis & rationale of biochemical tests done in various diseases. (Small group discussion): -Diabetes Mellitus -Dyslipidemia -Myocardial Infarction -Disorders of Acid Base Balance		
6	DOAP/TUTORIAL	Lecture: 122 :descending pathways (pyramidal and Extrapyrarnidal Tract PY 10.4	L-137 Anterior Triangle & Subdivision, DiGastric & Submental Triangle 2-AN 32.1, 32.2	DOAP- DISSECTION		PSM, SDL - 4	SPORTS		
1	PSM: L-17 CM5.8	L-54: BI 6.15 Abnormalities of Kidney, Liver, Thyroid & Adrenal.	L-138 Carotid Triangle & Muscular Triangle AN 32.2	DOAP- DISSECTION		1. Clinical examination of sensory system 2. Intertpretation of Hematology	Biochemistry DOAP-26: BI 11.12 Demonstrate the estimation of serum Bilirubin.		

2	L-55: BI 6.5 Vitamins, Biochemical role (Fat soluble Vitamins)	Lecture: 123 :mechanism of maintenance of tone ,posture ,equilibrium and movements PY 10.4	L-139 Cranial Cavity & Folds of Duramater – AN 30.1 – 30.3	DOAP- DISSECTION		ECE-7 Biochemistry: Rickets & Osteomalacia.			
3	Lecture: 124 :normal EEG PY 10.12	L-56: BI 6.5 Vitamins, Biochemical role (Fat soluble Vitamins)	L-140 Cranial Venous Sinuses 1– AN 30.3, 30.4	DOAP- DISSECTION		1. Clinical examination of motor system. 2. Rev	Biochemistry DOAP-26: BI 11.12 Demonstrate the estimation of serum Bilirubin.		
4	Lecture: 125 :Describe and discuss behavioral and EEG characteristics during sleep and mechanism responsible for its production PY 10.8	Lecture: 126 :Describe and discuss functional anatomy of eye PY 10.17	L-141 Cranial Venous Sinuses 2– AN 30.3, 30.4	DOAP- DISSECTION		Seminar/ tut/ SDL			
5	AETCOM MODULE 1.4 ANATOMY	Lecture: 127 :physiology of image formation, physiology of vision PY 10.17	ECE -6ANATOMY			Rev Practs	Biochemistry DOAP-26: BI 11.12 Demonstrate the estimation of serum Bilirubin.		
6	DOAP/TUTORIAL	Lecture: 128 :Describe and discuss functions of hypothalamus PY 10.7	L-142 DEVELOPMENT OF Hypophysis Cerebrii AN43 . 4(LECT.)	tutorial		SDL - 5	SPORTS		

1	PSM: SGT-6 CM-5.7	L-57: BI 6.5 Vitamins, Biochemical role (Water soluble Vitamins)	L-143 Hypophysis Cerebri- AN 30.5 Trigeminal Ganglion- AN 30.2,33.2	DOAP- DISSECTION		1. Clinical examination of motor system. 2. Rev	Biochemistry DOAP-27: BI 11.17(B): Basis & rationale of biochemical tests done in various diseases. (Small group discussion): -Jaundice -Pancreatitis		
2	L-58: BI 6.5 Vitamins, Biochemical role (Water soluble Vitamins)	Lecture: 129 :Describe and discuss mechanism of temperature regulation PY 11.1	L-144 Thyroid Gland & Parathyroid Glands – AN 35.2, 35.8	DOAP- DISSECTION		Biochemistry SGT/T-15: Aminoacidurias			
3	Lecture: 130 :Describe and discuss adaptation to altered temperature (heat and cold) PY 11.2	L-59: BI 6.9 Functions & Metabolism of Minerals	L-145 Subclavian Artery & scalene vertebral triangle– AN 35.3, 35.9, 43.5	DOAP- DISSECTION		1. Clinical examination of motor system. 2. Rev	Biochemistry DOAP-27: BI 11.17(B): Basis & rationale of biochemical tests done in various diseases. (Small group discussion): -Jaundice -Pancreatitis		
4	Lecture: 131 :Describe and discuss mechanism of fever, cold injuries and heat stroke PY 11.3	Lecture: 132 :Describe and discuss structure and functions of Reticular activating system PY 10.5	L-146 Common Carotid Artery– AN 43.5	DOAP-154 DISSECTION		ECE9: BERA/ audimetry			

5	AETCOM MODULE 1.4 ANATOMY	Lecture: 133 :Describe and discuss spinal cord its functions ,lesion s and sensory abnormalities PY 10.6	L-147 Functional Components of Cranial Nerves, & IX nerve 1- AN 62.1, 35.7	DOAP- DISSECTION		Formative assessment: CNS	Biochemistry DOAP-27: BI 11.17(B): Basis & rationale of biochemical tests done in various diseases. (Small group discussion):		
6	DOAP/TUTORIAL	Lecture: 134 :Basal ganglia applied aspects PY 10.7	L-148 Functional Components of Cranial Nerves, & IX nerve 2- AN 62.1, 35.7	DOAP- DISSECTION		PSM: SGT-7 CM-9.1	SPORTS		
1	PSM: SGT-8 CM-9.3	L-60: BI 6.9 Homeostasis of Minerals	L-149 X & XI cranial nerve– AN 35.7	DOAP- DISSECTION		1. Examination of reflexes 2. Rev	Biochemistry DOAP-28: Tests for Simple, Conjugated & Derived proteins		
2	L-61: BI 6.9 Homeostasis of Minerals		L-150 XII cranial nerve & Cervical plexus– AN 35.7, 39.2	DOAP- DISSECTION		Biochemistry SGT/T-16: Urea Cycle			
3	Lecture: 135 :Describe and discuss functions of limbic system and their abnormalities PY	L-62: BI 6.10 Disorders associated with mineral metabolism	L-151 A.N.S & scalene muscles– AN 35.6	DOAP- DISSECTION		1. Examination of reflexes 2. Rev	Biochemistry DOAP-28: Tests for Simple, Conjugated & Derived		
4	Lecture: 136 Describe and discuss physiological basis of memory and learning PY 10.9	Lecture: 137 :Describe and discuss physiological basis of Language and Speech PY 10.9	L-152 Pre vertebral muscles & Vertebral Artery– AN 42.1- 42.3	DOAP- DISSECTION		Seminar/ tut/ SDL			

5	SDL ANATOMY	Lecture: 138 :Cerebrospinal fluid and blood brain barrier	L-153 Lacrimal Apparatus– AN 31.4	DOAP- DISSECTION		Rev Practs	Biochemistry DOAP-28: Tests for Simple, Conjugated & Derived proteins		
6	DOAP/TUTORIAL	Lecture: 139 Describe and discuss structure of ANS PY 10.5	L-154 Eyeball 1– AN 41.1, 41.2, 41.3	DOAP- DISSECTION		PSM SGT 9-CM 9.2	SPORTS		
1	SECOND SESSIONAL EXAMINATION								
2									
3									
4									
5									
6									
1	PSM: SGT-10 CM-9.4	L-63: BI9.1 Extracellular Matrix, Functions & components	L-155 EYEBALL 2- CONT.(LECT.)	DOAP- DISSECTION		1. Examination of reflexes 2. Test for co-ordinaion	Biochemistry DOAP-29: BI 11.21 (B) Estimation of Urea & Urea clearance test		
2	L-64: BI 9.2 Involvement of ECM in health & disease	Lecture: 140 Describe and discuss functions Land functional	L-156 Structures of Orbit with Abducent & Trochlear Nerve AN 31.1-31.3	DOAP- DISSECTION		ECE-8 Biochemistry: Cancer therapy (Gamma Camera) Visit.			

3	Lecture: 141 : Cerebellum applied aspects PY 10.7	L-65: BI10.1 Cancer & Oncogenes	L-157 Extra ocular muscles– AN 31.1, 31.5, 43.5	DOAP- DISSECTION		1. Examination of reflexes 2. Test for co-ordinaion	Biochemistry DOAP-29: BI 11.21 (B) Estimation of Urea & Urea clearance test		
4	Lecture: 142 :Describe and discuss functions of basal ganglia PY 10.7	Lecture: 143 :colour vision, refractive errors, colour blindness, physiology of pupil and light reflex PY 10.17	Osteology Demonstration – Mandible– AN 26.4	DOAP		Seminar/ tut/ SDL			
5	DOAP/TUTORIAL	Lecture: 144 :Describe and discuss the physiological basis of lesion in visual pathway PY 10.18	L-158 DEVELOPMENT OF CNS (LECT.)	TUTORIAL		SGT: Digestion and absorption of nuetrients	Biochemistry DOAP-29: BI 11.21 (B) Estimation of Urea & Urea clearance test		
6	DOAP/TUTORIAL	Lecture: 145 :Describe and discuss functional anatomy of ear and auditory pathways PY 10.15	L-159 DEVELOPMENT OF CNS (LECT.)	TUTORIAL		PSM: SGT-11 CM 9.4	SPORTS		

1	PSM: L-18 CM 10.5	L-66: BI 7.5 Xenobiotics	L-160 Parotid Region– AN 28.9, 28.10	DOAP- DISSECTION		1. Examination of reflexes 2. Test for co-ordinaion	Biochemistry DOAP-30: BI 11.7: Estimation of serum creatinine & creatinine clearance		
2	L-67: BI 7.6 Antioxidant Defence system	Lecture: 146 :Describe physiology of hearing PY 10.15	L-161 Temporal Fossa 1– AN 33.1	DOAP- DISSECTION		Biochemistry SGT/T-17: Metabolic Syndrome			
3	Lecture: 147 : Describe and discuss pathophysiology of deafness. Describe hearing tests PY 10.16	L-68: BI 7.7 Oxidative stress in pathogenesis of cancer, Diabetes Mellitus & Atherosclerosis	L-162 Temporal Fossa 2– AN 33.1	DOAP- DISSECTION		1. Examination of cranial nerves 2. 2. Higher function test	Biochemistry DOAP-30: BI 11.7: Estimation of serum creatinine & creatinine clearance		
4	Lecture: 148 :Describe and discuss vestibular apparatus PY 10.4	Lecture: 149 :Describe and discuss perception of smell and altered smell sensation PY 10.13 py 10.14	L-163 Temporo-mandib ular Joint– AN 33.3, 33.5	DOAP- DISSECTION		AETCOM Session1.2D			

5	DOAP/TUTORIAL	Lecture: 150 :Describe and discuss perception and patho-physiology of altered taste sensation PY 10.13 PY 10.14	L-164 Infra-Temporal Fossa 1– AN 33.1, 33.2, 33.4, 43.5	DOAP- DISSECTION		Rev Practs	Biochemistry DOAP-30: BI 11.7: Estimation of serum creatinine & creatinine clearance		
6	DOAP/TUTORIAL	Lecture: 151 :Describe physiology of Infancy PY 11.6	L-165 Infra-Temporal Fossa 2– AN 33.1, 33.2, 33.4, 43.5	DOAP- DISSECTION		PSM: L-19 CM-10.8	SPORTS		
1	PSM: SGT-12 CM-10.8	L-69: BI 7.5 Xenobiotics	L-166 Submandibular gland– AN 34.1, 34.2	DOAP- DISSECTION		1. Examination of cranial nerves 2. Higher function test	Biochemistry DOAP-31: BI 11.17(C): Basis & rationale of biochemical tests done in various diseases. (Small group discussion): -Renal Failure -Proteinuria -Nephrotic syndrome -Edema -Jaundice -Liver Diseases -Pancreatitis -Thyroid Disorders		

2	AETCOM session 1.3 E (Biochemistry)	Lecture: 152 : Describe and discuss physiology of aging; free radicals and antioxidants PY 11.7	L-167 Muscles of submandibular region– AN 34.1	DOAP- DISSECTION		Biochemistry SGT/T-18: Porphyrrias		
3	Lecture: 153 :Discuss & compare cardio-respiratory changes in exercise (isometric and isotonic) with that in the resting state PY 11.8	L-70: BI 8.1 Nutrition	L-168 Pharynx– AN 36.3	DOAP- DISSECTION		1. Examination of cranial nerves 2. Higher function test	Biochemistry DOAP-31: BI 11.17(C): Basis & rationale of biochemical tests done in various diseases. (Small group discussion): -Renal Failure -Proteinuria -Nephrotic syndrome -Edema -Jaundice -Liver Diseases -Pancreatitis -Thyroid Disorders	
4	Lecture: 154 :Interpret growth charts AND Interpret anthropometric assessment of infants PY 11.9 PY 11.10 VI PAEDS	Lecture: 155 :Discuss the concept, criteria for diagnosis of Brain death and its implications PY 11.11	L-169 Soft Palate– AN 36.1	DOAP- DISSECTION		Seminar/ tut/ SDL		

5	DOAP/TUTORIAL	Lecture: 156 : Discuss the physiological effects of meditation PY11.12	L-170 Auditory tube– AN 40.2	DOAP- DISSECTION		AETCOM Session1.2E	Biochemistry DOAP-31: BI 11.17(C): Basis & rationale of biochemical tests done in various diseases. (Small group discussion): -Renal Failure -Proteinuria -Nephrotic syndrome -Edema -Jaundice -Liver Diseases -Pancreatitis -Thyroid Disorders		
6	DOAP/TUTORIAL	Lecture: 157: Melatonin and circadian rhythm	L-171 Palatine Tonsil– AN 36.1-36.4	DOAP- DISSECTION		PSM: SGT-13 CM-15.1	SPORTS		
1	PSM: SGT-14 CM-15.2	L-71: BI 8.2 Types & causes of Protein Energy Malnutrition	L-172 Nose– AN 37.1-37.3	DOAP- DISSECTION		1. visual acuity 2. Colour vision	Biochemistry DOAP-32: BI 11.11 (A) Estimation of Calcium		
2	L-72: BI 8.3 Diet Chart	Lecture: 158: Gene doping and applied genetics-1	L-173 Larynx– AN 38.1-38.3	DOAP- DISSECTION		Biochemistry SGT/T-19: BI 6.2 Metabolic processes of Nucleic Acids			

3	Lecture: 159: Genetics applied	L-73: BI 8.4Obesity	L-174 Larynx– AN 38.1-38.3	DOAP- DISSECTION		1. visual acuity 2. Colour vision	Biochemistry DOAP-32: BI 11.11 (A) Estimation of Calcium		
4	Lecture160: Geriatric medicine and applied	Lecture161: Second messengers	L-175 Tongue– AN 39.1, 39.2	DOAP- DISSECTION		Seminar/ tut/ SDL			
5	DOAP/TUTORIAL	Lecture162: Channelopathies	L-176 External ear with tympanic membrane– AN40.1, 40.4	DOAP- DISSECTION		AETCOM Session1.2F	Biochemistry DOAP-32: BI 11.11 (A) Estimation of Calcium		
6	DOAP/TUTORIAL	FA1: CNS1	L-177 Middle ear– AN 40.2, 40.4, 40.5	DOAP- DISSECTION		PSM: SGT-15 CM-15.1	SPORTS		
1	PSM: L-20 CM-13.1	L-74: BI 8.5 Nutritional importance of commonly used food items.	L-178 Joints of neck– AN 43.1	DOAP- DISSECTION		1. visual acuity 2. Colour vision	Biochemistry DOAP-33: BI 11.11 (B) Estimation of Phosphorus.		
2	L-75: BI 7.1 Molecular Biology, Cell cycle	Fa2: CNS 2	L-179 Facial Nerve–1 AN 28.4	DOAP- DISSECTION		ECE-9 Biochemistry: BI 8.2 Describe the types & causes of PEM & its effects (Vertical integration with Pediatrics)			
3	PHY	L-76: BI 7.2 Replication & repair of DNA, transcription, translation.	L-180 Facial Nerve–2 AN 28.4	DOAP- DISSECTION		1. Test of Hearing 2. Test for Smell	Biochemistry DOAP-33: BI 11.11 (B) Estimation of Phosphorus.		

4	PHY		DOAP- Surface Marking & Radiology– AN 43.6-43.9	DOAP- Surface Marking & Radiology– AN 43.6-43.9		Seminar/ tut/ SDL		
5	DOAP/TUTORIAL		<b>ECE -7 ANATOMY</b>			Seminar/SDL Physiology	Biochemistry DOAP-33: BI 11.11 (B) Estimation of Phosphorus.	
6	DOAP/TUTORIAL		L-181 Introduction & parts of-brain – AN 62.2	DOAP- DISSECTION		PSM: SGT-16 CM-15.2	SPORTS	
1	PSM: SGT-17 CM-17.1	L-77: BI 7.2 Replication & repair of DNA, transcription, translation.	L-182 Meninges– AN 56.1	DOAP- DISSECTION		1. Test of Hearing 2. Test for Smell	Biochemistry DOAP-34: BI 11.23 Calculate energy content of different food items, identify food items with high & low glycemic index and explain the importance of these in diet. (Small Group Discussion)	
2	L-78: BI 7.3 Gene Mutation & Gene Expression.		L-183 CSF, base of brain– AN 56.2	DOAP- DISSECTION		Biochemistry SGT/T-20: BI 6.3 Related disorders of Nucleotide metabolism.		

3	PHY	L-79: BI 9.3 Protein Biosynthesis, Targetting & Sorting	L-184 Blood supply of brain & circle of willis– AN62.6	DOAP- DISSECTION			1. Test of Hearing 2. Test for Smell	Biochemistry DOAP-34: BI 11.23 Calculate energy content of different food items, identify food items with high & low glycemic index and explain the importance of these in diet. (Small Group Discussion)		
4	PHY		L-185 Spinal	DOAP- DISSECTION			Seminar/ tut/ SDL			
5	DOAP/TUTORIAL		<b>ECE -8 ANATOMY</b>				Seminar/SDL Physiology	Biochemistry DOAP-34: BI 11.23 Calculate energy content of different food items, identify food items with high & low glycemic index and explain the importance of these in diet. (Small Group Discussion)		
6	DOAP/TUTORIAL	L-186 Spinal cord –2 AN 57.1 – 57.4 DISSECTION					SPORTS,ECA			

1	PSM: SGT-18 CM-17.3	L-187 Spinal cord I-3 AN 57.1 – 57.4	1. Test for Taste sensatio 2. Rev	Biochemistry DOAP-35: BI 11.15 Describe & discuss the composition of CSF			DOAP- DISSECTION		
2	L-80: BI 10.3 Cellular & Humoral immunology	L-188 Medulla- AN 58.1 – 58.3		Biochemistry SGT/T-21: BI 6.14 Biochemical tests commonly done to assess organ functions. (Vertical integration with Medicine)			DOAP- DISSECTION		
3	PHY	L-189 Medulla- AN 58.1 – 58.3	1. Test for Taste sensatio 2. Rev	Biochemistry DOAP-35: BI 11.15 Describe & discuss the composition of CSF			DOAP- DISSECTION		
4	PHY	L-190 Pons- AN 59.1-59.3		Seminar/ tut/ SDL			DOAP- DISSECTION		
5	DOAP/TUTORIAL	L-191 MIDBRAIN AN 61.1-61.3	Seminar/SDL Physiology	Biochemistry DOAP-35: BI 11.15 Describe & discuss the composition of CSF			DOAP- DISSECTION		
6	DOAP/TUTORIAL	L-192 Fourth ventricle- AN 63.1					SPORTS,ECA		

1	PSM: SGT-19 CM-17.5	L-193 Cerebellum I– AN 60.1-60.3	1. Test for Taste sensatio 2. Rev		Biochemist ry DOAP-36: BI 11.16 (B) Observe use of commonly used equipment s/ techniques in biochemist ry laboratory: (ELISA, Immunodiff	ECE-9 ANATOMY		
2	L-81: BI 10.4 Innate & Adoptive immune response & T-helper cells	L-194 Cerebellum II– AN 60.1-60.3		Biochemistry SGT/T-23: BI 6.5 Vitamins Deficiency (Water soluble vitamins)	DOAP- DISSECTION			

3	PHY	L-195 Cerebrum-sulci &gyri- AN 62.2	AETCOM Session1.3A		Biochemist ry DOAP-36: BI 11.16 (B) Observe use of commonly used equipment s/ techniques in biochemist ry laboratory: (ELISA, Immunodiff usion, DNA isolation from blood & tissues)		DOAP- DISSECTION		
4	PHY	L-196 Cerebrum -functional area & Applied I- AN 62.2					DOAP- DISSECTION		

5	DOAP/TUTORIAL	L-197 Cerebrum -functional area & Applied II– AN 62.2			Biochemist ry DOAP-36: BI 11.16 (B) Observe use of commonly used equipment s/ techniques in biochemist ry laboratory: (ELISA, Immunodiff usion, DNA isolation from blood & tissues)		DOAP- DISSECTION		
6	DOAP/TUTORIAL	L-198 White matter of Cerebrum– AN 62.3					SPORTS,ECA		
1	PSM: SGT-20 CM-5.1.1	L-199 Lateral ventricle– AN 63.1	AETCOM Session1.3B		Biochemist ry SGT/ T-28: Student's Seminar: Cytochrom e-P450		DOAP- DISSECTION		
2	Revision Class	L-200 Thalamus– AN 62.5	ECE-10 Biochemistry: BI 8.2 Describe the types & causes of PEM & its effects (Vertical integration with Pediatrics)				DOAP- DISSECTION		

3	PHY	L-201 Visual pathway– AN 30.5	AETCOM Session1.3C		Biochemistry SGT/ T-28: Student's Seminar: Cytochrome-P450		ECE-10 ANATOMY			
4	PHY	L-202 Internal capsule– AN 62.3	ECE 10 : CNS				DOAP- DISSECTION			
5	SDL ANATOMY	L-203 Hypothalamus & Basal ganglion– AN 62.4, 62.5	AETCOM Session1.3D		Biochemistry SGT/ T-28: Student's Seminar: Cytochrome-P450		DOAP- DISSECTION			
6	SDL ANATOMY	L-204 DEVELOPMENT OF PHARYNGEAL POUCHES(LECT.)					SPORTS,ECA			
1	PSM: SGT-21 CM 5.1.2	L-205 Pharyngeal arches AN 43.4	AETCOM Session1.3E		Biochemistry SGT/ T-29: Oncogenes		L-206 Histology GIT 2AN 52.1	TUTORIAL		
2	Revision Class	L-207 Histology GIT 1AN 52.1	Biochemistry SDL-7: Student's Seminar: Anaemias				L-208 Histology GIT 4AN 52.1	TUTORIAL		
3	PHY	L-209 Histology GIT 3AN 52.1	AETCOM Session1.3F		Biochemistry SGT/ T-29: Oncogenes		L-210 Female Genital System-Histology AN-52.2			

4	PHY	L-211 Female Genital System-1-EmbryologyAN-52.8					DOAP/ TUTORIAL		
5	DOAP/TUTORIAL	L-212 Urinary system-EmbryologyAN-52.7	AETCOM Session1.3G		Biochemistry SGT/T-29: Oncogenes		L-213 Kidney Ureter, Urinary Bladder,Histology- AN-52.2	TUTORIAL	
6	SDL ANATOMY	L-214 male Genital System-1-EmbryologyAN-52.8					SPORTS,ECA		
1	PSM: SGT 22 CM1.6	L-215 male Genital System-HistologyAN-52.2			SGT/T-30: BI 3.9 Discuss & interpret laboratory results of analytes associated withmetabolism ofcarbohydrate & disorder. GTT/OGTT and GDM. ( VI OBG Deptt.)		TUTORIAL		
2	Revision Class	L-216 Histo: endocrine glands	Biochemistry SDL-8: Debate: Role of Free radicals				TUTORIAL	L-217 Rescent advances in Genetics	

3	PHY	L-218 Principles of genetic counselling AN-75.5			SGT/T-30: BI 3.9 Discuss & interpret laboratory results of analytes associated withmetabolism ofcarbohydrate rate & disorder. GTT/OGTT and GDM. ( VI OBG Deptt.)		L-219 Principles of genetic counselling AN-75.5	L-220 prenatal diagnosis AN-81.1		
4	PHY						DOAP/ TUTORIAL			
5	SDL ANATOMY	SDL ANATOMY	Seminar/SDL Physiology		SGT/T-30: BI 3.9 Discuss & interpret laboratory results of analytes associated withmetabolism ofcarbohydrate rate & disorder. GTT/OGTT and GDM. ( VI OBG Deptt.)		SDL ANATOMY	SDL ANATOMY		
6	SDL ANATOMY	SDL ANATOMY					SPORTS,ECA			

1	PSM: SGT-23 CM1.9	SDL ANATOMY			Biochemist ry SGT/ T-31: BI 8.1 Importance of Dietary Component s & Dietary Fibre.		SDL ANATOMY	SDL ANATOMY		
2	Revision Class	SDL ANATOMY			Revision Class		SDL ANATOMY	SDL ANATOMY		
3	PHY	SDL ANATOMY			Biochemist ry SGT/ T-31: BI 8.1 Importance of Dietary Component s & Dietary Fibre.		SDL ANATOMY			
4	PHY	SDL					SDL ANATOMY			
5	SDL ANATOMY	SDL ANATOMY	Seminar/SDL Physiology		Biochemist ry SGT/ T-31: BI 8.1 Importance of Dietary Component s & Dietary Fibre.		SDL ANATOMY			
6	SDL ANATOMY	SDL ANATOMY					SPORTS,ECA			

1	PSM: SGT-24CM 3.5	SDL ANATOMY			Biochemist ry SGT/ T-32: BI 8.3 Dietary advice in Childhood & Adults in Diabetes Mellitus, Coronary Artery Disease & Pregnancy.	SDL ANATOMY		
2	Revision Class	SDL ANATOMY			Biochemist ry SGT/ T-33: BI 8.6 Summarize the nutritional importance of commonly used items of food including fruits & vegetables . Macromole cules & its importance . (Vertical Integration with PSM Departmen	SDL ANATOMY		

3	PHY	SDL ANATOMY			Biochemistry SGT/ T-32: BI 8.3 Dietary advice in Childhood & Adults in Diabetes Mellitus, Coronary Artery Disease & Pregnancy.		SDL ANATOMY		
4	PHY	SDL ANATOMY					SDL ANATOMY		
5	SDL ANATOMY	SDL ANATOMY	Seminar/SDL Physiology		Biochemistry SGT/ T-32: BI 8.3 Dietary advice in Childhood & Adults in Diabetes Mellitus, Coronary Artery Disease & Pregnancy.		SDL ANATOMY		
6	SDL ANATOMY	SDL					SPORTS,ECA		

1	PSM: SGT-25 CM 3.7	SDL ANATOMY			Biochemist ry SGT/ T-33: BI 8.6 Summarize the nutritional importance of commonly used items of food including fruits & vegetables . Macromole cules & its importance . (Vertical Integration with PSM Departmen t)	SDL ANATOMY		
2	BIOC	SDL ANATOMY			Biochemist ry SGT/ T-34: BI 7.2 Replication & repair of DNA, transcriptio n, translation.	SDL ANATOMY		

3	Revision Class	SDL ANATOMY			Biochemist ry SGT/ T-33: BI 8.6 Summarize the nutritional importance of commonly used items of food including fruits & vegetables . Macromole cules & its importance . (Vertical Integration with PSM Departmen	SDL ANATOMY		
4	PHY	SDL ANATOMY				SDL ANATOMY		

5	SDL ANATOMY	SDL ANATOMY			Biochemistry SGT/T-33: BI 8.6 Summarize the nutritional importance of commonly used items of food including fruits & vegetables . Macromolecules & its importance . (Vertical Integration with PSM Departmen		SDL ANATOMY		
6	SDL ANATOMY	SDL					SPORTS,ECA		
1	PSM SGT-26 CM 3.3.1	SDL ANATOMY			SGT/T-35: BI 7.2 Replication & repair of DNA, transcription, translation.		SDL ANATOMY		
2	Revision Class	SDL ANATOMY			SGT/T-36: Recombinant DNA technology & PCR		SDL ANATOMY		

3	PHY	SDL ANATOMY			SGT/T-35: BI 7.2 Replication & repair of DNA, transcriptio n, translation.		SDL ANATOMY		
4	PHY	SDL ANATOMY					SDL ANATOMY		
5	SDL ANATOMY	SDL ANATOMY			SGT/T-35: BI 7.2 Replication & repair of DNA, transcriptio n, translation.		SDL ANATOMY		
6	SDL ANATOMY	SDL					SPORTS,ECA		
1	PSM- SGT 27 - CM 3.3.2	SDL ANATOMY			Biochemist rySGT/ T-37: Recombina nt DNA technology & PCR		SDL ANATOMY		
2	Revision Class	SDL ANATOMY			Biochemist rySGT/ T38: Carb metabolis m		SDL ANATOMY		





















