MASTER TIME TABLE 1ST MBBS 2023

BLOCK 1

1ST WEEK

SGT, CBL, VI, HI, ECEA AETCOM

DAY	8-9AM	9-10AM	10-11AM	11AM-11.15AM	11.15AM-1.15PM	2-4PM
1	KANNADA	ANATOMY LECTURE Introduction to Anatomy	PHYSIOLOGY LECTURE PY – 1.6 Functional organization of human body and body fluid compartments I	BREAK	ANATOMY DISSECTION Oath taking	Anatomy practicals – "B" batch - Microscope &common objects. Physiology practicals – "C" batch – Use of compound microcope, examination of drop of blood under microscope. Biochemistry practicals – A batch – Introduction, good and safe lab practices
2	YOGA	PHYSIOLOGY LECTURE PY – 1.6 Functional organization of human body and body fluid compartments II	ANATOMY LECTURE AN-1.1 Terminologies in Anatomy	BREAK	ANATOMY DISSECTION Introduction to Anatomy I	Anatomy practicals – "B" batch - Microscope &common objects. Physiology practicals – "C" batch – Use of compound microcope, examination of drop of blood under microscope. Biochemistry practicals – A batch – Introduction, good and safe lab practices
3	ENGLISH	BIOCHEMISTRYLECTURE Introduction to biochemistry	ANATOMY LECTURE AN-65.1,65.2 Histology-Epithelium	BREAK	DISSECTION AN 4.1 Basic structure of Human body	Anatomy practicals—"C" batch Microscope &common objects. Physiology practicals– "A batch"- Use of compound microcope, examination of drop of blood under

					4 Skin &5Fascia		microscope. Biochemistry practicals – B batch – Introduction, good and safe lab practices	
4	YOGA	ANATOMY LECTURE AN-2.1-2.3 Bone-Structure and classification	PHYSIOLOGY LECTURE PY – 1.2 Homeostasis and disturbances	BREAK	DISSECTION AN 2.5,2.6 Joints and arthroscopy		ANATOMY LECTURE AN- 5.1-5.8 Cardiovascular system and arteriosclerosis	Anatomy - SGT - Introduction to Osteology, superneumericbones and
5	AETCOM	PHYSIOLOGY LECTURE PY – 1.1 Cell and cell organelles – Structure and functions	BIOCHEMISTRYLECTURE BI-1.1 Cell fractionation and differential centrifugation	BREAK	Biochemistry – SGT BI-1.1 Marker enzymes of different cell organelle.	CM (Lecture)CM1.1 History & Evolution of Public Health	Physiology Tutorials - Functional organization of human body and body fluid compartments - Homeostasis and disturbances - Cell and cell organelles – Structure and functions	
6	Formative Assessment Anatomy. Fascia,bone,joints	ANATOMY LECTURE AN-76.1,76.2 Embryology introduction. Mitosis and meiosis	ECE – ANATOMY **Degenerative disease- osteoporosis (Ortho Ward)**				Mentor mentee meeting	

2nd week

	8-9AM	**9-10AM**	**10-11AM**	**11AM-11.15AM**	**11.15AM-1.15PM**	**2-4PM**
8	KANNADA	ANATOMY LECTURE AN-7.1-7.8 Nervous system and degenerative diseases	PHYSIOLOGY LECTURE PY – 1.1,1.3 Cell membrane – Structure and functions	BREAK	DISSECTION – AN – 3.1-3.3 Muscular system and hypertrophy , hyperplasia	Anatomy practicals – A batch – Microscope, common objects and simple epithelium (AN – 65.1)

						Physiology practicals – B batch - Use of compound 9microscope, examination of 9drop of blood under microscope, effect of saline on RBC's. Biochemistry practicals – C batch – Glassware
9	YOGA	PHYSIOLOGY LECTURE PY – 1.5 Transport across the cell membrane – I	ANATOMY LECTURE AN-9.1-9.3 Pectoral region and mammary gland	BREAK	ANATOMY DISSECTION – Pectoral region (AN-9.1,9.2)	Anatomy practicals – B batch - simple epithelium (AN – 65.1) Physiology practicals – C batch – Effect of saline on RBC's. Biochemistry practicals – A batch – Glassware
10	ENGLISH	BIOCHEMISTRYLECTURE BI-5.2 Chemistry and Properties of amino acids	ANATOMY LECTURE AN – 66.1 Histology – Connective tissue (HI – BI - 9.1)	BREAK	ANATOMY DISSECTION – Pectoral region, (AN-9.1,9.2) **CBL – Poland syndrome**	Anatomy practicals – C batch - simple epithelium (AN – 65.1) Physiology practicals – A batch - Effectof saline on RBC's. Biochemistry practicals – B batch – Glassware
11	YOGA	ANATOMY LECTURE AN – 10.1-10.2 Axilla and its contents	PHYSIOLOGY LECTURE PY – 1.5 Transport across the cell membrane-II	BREAK	ANATOMY DISSECTION – Axilla, Drainage of axillary lymph nodes with clinical anatomy(AN- 10.1,10.2)	Osteology Tutorials – AN 8.3. Clavicle and its fractures. / Anatomy – VI– Surgical anatomy of mammary gland, carcinoma of breast
12	AETCOM	PHYSIOLOGY LECTURE PY – 1.3 Intercellular connections and communications	BIOCHEMISTRYLECTURE BI-9.1 Extracellular matrix-	BREAK	Biochemistry –SGT BI-5.2 Proteins- / CM (Lecture) CM1.1 Changing	Physiology Tutorials -Cell membrane – Structure and functions - Transport across the cell

			structure & synthesis		Classification	concepts of public Health, Contribution of Public Health specialist	membrane – I -Transport across the cell membrane-II - Intercellular connections and communications
13	Formative Assessment Physiology-General physiology	ANATOMY LECTURE AN – 77.3 Embryology – Gametes and gametogenesis	ECE = PHYSIOLOGY Visit to medicine wards – body fluid dynamics and hydration therapy				Mentor mentee meeting

3rd week

DAY	**8-9AM**	**9-10AM**	**10-11AM**	**11AM-11.15AM**	**11.15AM-1.15PM**	**2-4PM**
15	KANNADA	ANATOMY LECTURE AN – 10.5-10.6 Brachial plexus, Thoracic outlet syndrome	PHYSIOLOGY LECTURE PY – 1.4 Apoptosis	BREAK	ANATOMY DISSECTION – Brachial plexus and its injuries.(AN – 10.5,10.6)	Anatomy practicals – A batch – Compound epithelium Physiology practicals– B batch – Haemocytometry Biochemistry practicals – C batch – Preparation of buffer and estimation of pH
16	YOGA	PHYSIOLOGY LECTURE PY – 2.1 Blood – Composition and functions	ANATOMY LECTURE AN- 10.8,10.9 Scapular and Back muscles, Triangle of Auscultation.	BREAK	ANATOMY DISSECTION - Brachial plexus and variations & its Injuries (AN – 10.5,10.6)	Anatomy practicals– B batch – Compound epithelium Physiology practicals – C batch - Haemocytometry

						Biochemistry practicals – A batch - Preparation of buffer and estimation of pH
17	ENGLISH	BIOCHEMISTRYLECTURE BI-5.1 Structural organization of proteins	ANATOMY LECTURE AN – 66.1,66.2 Histology – Connective tissue	BREAK	ANATOMY DISSECTION AN- 10.8,10.9 Scapular and Back muscles, anastomosis around scapula	Anatomy practicals – C batch – Compund epithelium (AN – 65.1) Physiology practicals – A batch - Haemocytometry Biochemistry practicals – B batch- Preparation of buffer and estimation of pH
18	YOGA	ANATOMY LECTURE AN-10.10-10.13 Scapular muscles and intermuscular spaces	PHYSIOLOGY LECTURE PY – 2.4 Red Blood Cell	BREAK	ANATOMY DISSECTION – Scapular muscles and intermuscular spaces (AN – 10.10-10.13) **CBL-ROTATOR CUFF INJURIES**	Osteology Tutorials – AN – 8.1-8.4 Scapula and fracture Anatomy – SGT – Winging of scapula Case discussion.
19	AETCOM	PHYSIOLOGY LECTURE /sdl PY – 2.3 Haemoglobin	BIOCHEMISTRYLECTURE BI-5.2 Proteins- Structure function relationship	BREAK	Biochemistry – SGT BI-5.2 Hb, adult and fetal Hb, hemoglobinopathies (Integration with PY-2.3) CM (Lecture) CM1.2 Health Defination ,Dimensions	Physiology Tutorials -Apoptosis -Blood – Composition and functions -Red Blood Cell -Haemoglobin
20	Formative Assessment BIOCHEM	ANATOMY LECTURE AN -77.2 Oogenesis	ECE- BIOCHEMISTRY: BI-1.1 Disorders of sub cellular structure and membrane transport			Mentor mentee meeting

4th week

DAY	**8-9AM**	**9-10AM**	**10-11AM**	**11AM-11.15AM**	**11.15AM-1.15PM**	**2-4PM**

22	KANNADA	ANATOMY LECTURE AN -10.10 Deltoid region and axillary nerve	PHYSIOLOGY LECTURE PY – 2.5 Anemia	BREAK	ANATOMY DISSECTION – Deltoid region and axillary nerve and its injuries (AN – 10.10)	Anatomy practicals – A batch – Connective tissue (65.1) Physiology practicals – B batch – Enumeration of RBC (PY-2.11) Biochemistry practicals – Demonstration of pH meter
23	YOGA	PHYSIOLOGY LECTURE PY – 2.5 Jaundice	ANATOMY LECTURE AN – 10.12 Shoulder joint and shoulder girdle	BREAK	ANATOMY DISSECTION – Shoulder joint and its applied anatomy(AN-10.12)	Anatomy practicals -B batch - Connective tissue (65.1) Physiology practicals – C batch– Enumeration of RBC(PY-2.11) Biochemistry practicals - Demonstration of pH meter
24	ENGLISH	BIOCHEMISTRYLECTURE BI- 3.1 Define and classify carbohydrates.	ANATOMY LECTURE AN – 71.3 Histology - Cartilage	BREAK	ANATOMY DISSECTION– Shoulder joint, dislocation and injuries (AN - 13.3)	Anatomy practicals – C batch – Connective tissue (65.1) Physiology practicals – A batch– Enumeration of RBC (PY-2.11) Biochemistry practicals - Demonstration of pH meter
25	YOGA	ANATOMY LECTURE AN – 11.1-11.2 Anterior compartment of arm and cubital fossa	PHYSIOLOGY LECTURE PY – 2.6 White Blood Cell	BREAK	ANATOMY DISSECTION – Anterior compartment of arm (AN – 11.1,11.2)	Osteology Tutorials – Humerus and its fracture Anatomy – SGT – Case discussion on anterior compartment syndrome and nerve injury
26	AETCOM	PHYSIOLOGY LECTURE PY – 2.7 Platelets	BIOCHEMISTRYLECTURE BI- 3.1 Properties of monosaccharides	BREAK	Biochemistry –-BI-9.2 Extracellular matrix-disorders associated (HI with anatomy AN 65.1) CM (Lecture) CM1.3 Characterstics of Agent ,Host and Environmental factors	Physiology Tutorials -Anemia -Jaundice -White Blood Cell -Platelets
	HOLIDAY	HOLIDAY	HOLIDAY			HOLIDAY

	HOLIDAY	HOLIDAY	HOLIDAY	HOLIDAY

1ST WEEK

DAY	8-9AM	9-10AM	10-11AM	11AM-11.15AM	11.15AM-1.15PM	2-4PM	
29	KANNADA	ANATOMYLECTURE AN -71.1 Histology of bone	PHYSIOLOGY LECTURE PY – 2.8 Clotting mechanisms – Hemostasis, Clotting factors	BREAK	ANATOMY DISSECTION – anterior compartment of arm,cubital fossa and venea puncture(AN – 11.1,11.2) **VIVA – UPPER LIMB**	Anatomy practicals – 'A'batch – Histology of cartilage(AN-71.3) Physiology practicals – B batch – Enumeration of RBC(PY-2.11) Biochemistry practicals– Chromatography	
30	YOGA	PHYSIOLOGY LECTURE PY – 2.8 Fibrinolytic system, anticlotting mechanism, anticoagulants	ANATOMY LECTURE AN-11.1 to 11.6 Posterior facial compartment of arm	BREAK	ANATOMY DISSECTION AN-11.1 to 11.6 Posterior compartment of arm **CBL- Saturday night palsy**	Anatomypracticals–"B" batch - Histology of cartilage(AN-71.3) Physiology practicals – "C" batch –Enumeration of RBC(PY-2.11) Biochemistry practicals– A batch – Chromatography	
	Holiday	**Holiday**	**Holiday**	**Holiday**	**Holiday**	**Holiday**	
32	YOGA	ANATOMY LECTURE AN-12.1-12.3 Anterior compartment of forearm – muscles, nerves and vessels	PHYSIOLOGY LECTURE PY – 2.8 Bleeding disorders and investigations	BREAK	AN-12.1-12.3 Superficial muscles of anterior compartment of forearm with nerves and vessels. **CBL compartment syndrome and volkmans contractures**.	Tutorials AN-8.1,8.2,8.4 Radius and fractures (colles and monteggio) (osteology)	Anatomy - SGT - Variations in veins of cubital fossa and venae puncture

33	AETCOM	PHYSIOLOGY LECTURE PY – 2.9 Blood groups and transfusion reactions	.BIOCHEMISTRYLECTURE BI-3.1 Disaccharides, Polysaccharides	BREAK	Biochemistry: BI-3.1 SGT- Reactions of monosaccharides.	CM (Lecture)CM1.3 Concepts of causation of disease.	Physiology Tutorials - Fibrinolytic system, anticlotting mechanism, anticoagulants -Bleeding disorders and investigations -Blood groups and transfusion reactions
34	**Formative Assessment Anatomy- scapular region and arm THEORY**	ANATOMY LECTURE AN-12.1 to 12.3 Posterior compartment of forearm muscles. Dorsal digital expansion	ECE– ANATOMY **Cubital tunnel syndrome, Ulnar nerve injury , pronator syndrome**				Mentor mentee meeting

2nd week

DAYY	**8-9AM**	**9-10AM**	**10-11AM**	**11AM-11.15AM**	**11.15AM-1.15PM**	**2-4PM**	
	Holiday	**Holiday**	**Holiday**	**Holiday**	**Holiday**	**Holiday**	
	Holiday	**Holiday**	**Holiday**	**Holiday**	**Holiday**	**Holiday**	
37	ENGLISH	BIOCHEMISTRYLECTURE BI-3.1 Proteoglycans	ANATOMY LECTURE AN – 12.12 Nerves and vessels of posterior compartment of forearm, extensor retinaculum.	BREAK	ANATOMY DISSECTION(AN-12.12) Posterior compartment of forearm muscles. Dorsal digital expansion	Anatomy practicals –‘ C’ batch – cartilage(AN-71.1) Physiology practicals – A batch - Enumeration of RBC (PY-2.11) Biochemistry practicals – B Chromatography	
38	YOGA	ANATOMYLECTURE	PHYSIOLOGY LECTURE	BREAK	ANATOMY	Tutorials	Anatomy – SGT–

		AN – 12.12-12.16 PALM--Hand muscles with movements	PY – 2.2 Plasma proteins		DISSECTION – (AN-12.12) Nerves and vessels of posterior compartment of forearm, extensor retinaculum,		AN-8.1,8.2,8.4 ulna (osteology)	duputyterncontracture of palmar fascia and tenosynovitis
39	AETCOM	PHYSIOLOGY LECTURE PY – 5.10 Lymph	BIOCHEMISTRYLECTURE BI-2.1 Enzymes-definition,classification and properties	BREAK	Biochemistry-BI-2.1 Enzymes-mechanism of action,enzyme kinetics	CM (Lecture) CM1.4 Natural History of disease	Physiology Tutorials - Plasma proteins - lymph	
40	Formative Assessment PHYSIOLOGY-Blood	ANATOMY LECTURE AN – 12.9 Facial spaces of hand and digital sheaths	ECE = PHYSIOLOGY Visit to BLOOD BANK				Mentor-mentee meeting	

3rd week

	8-9AM	**9-10AM**	**10-11AM**	**11AM-11.15AM**	**11.15AM-1.15PM**	**2-4PM**
42	KANNADA	ANATOMY LECTURE AN – 67.1-67.3 Histology of muscular tissue	PHYSIOLOGY LECTURE PY – 2.10 Immunity- I	BREAK	ANATOMY DISSECTION/DOAS – palmar muscles ,surgical spaces and fibrous flexor sheaths (AN – 12.9)	Anatomy practicals –‘ A’ batch –bone (AN-71.1) Physiology practicals– B batch – Enumeration of WBC(PY-2.11) Biochemistry practicals – C batch – demonstration of paper Chromatography(BI 11.5)
43	YOGA	PHYSIOLOGY LECTURE PY – 2.10 Immunity- II	ANATOMY LECTURE AN- 12.14-12.15Vessels and nerves of hand	BREAK	ANATOMY DISSECTION/DOASVessels and nerves of hand. **REYNAULDS SYNDROME-CBL**	Anatomy practicals– ‘B’ batch – bone (AN-71.1,) Physiology practicals – C batch - Enumeration of WBC(PY-2.11) Biochemistry practicals–A

					(AN – 12.14-12.15)	batch -demonstration of paper Chromatography(BI 11.5)
44	ENGLISH	BIOCHEMISTRYLECTURE BI- 2.4 Enzyme inhibition, Regulation of Enzyme activity	ANATOMY LECTURE AN – 13.3 Joints of upper limb	BREAK	ANATOMY DISSECTION – joints of upper limb, dislocation of elbow joint and **colles fracture**---**CBL**(AN – 13.3)	Anatomy practicals –' C' batch –Bone (AN- 71.1) Physiology practicals – A batch - Enumeration of WBC(PY-2.11) Biochemistry practicals – B batch- demonstration of paper Chromatography(BI 11.5)
45	YOGA	ANATOMY LECTURE AN-74.2 Genetics – chromosomes, structures, classification and karyotyping	PHYSIOLOGY LECTURE PY – 3.1-3.2 Neurons, neuroglia, nerve fibers, nerve growth factors, cytokinese	BREAK	ANATOMY DISSECTION – surface marking and radiology of upper limb (AN – 13.5)	Osteology Tutorials– 8.1,8.2,8.4 skeleton of hand / Anatomy – SGT –palmar wounds and surgical incisions
46	AETCOM	PHYSIOLOGY LECTURE PY – 1.8 Resting membrane potential	BIOCHEMISTRYLECTURE BI-2.5 Diagnostic enzymology	BREAK	Biochemistry – SGT– BI- 2.5 Isoenzymes as diagnostic tool / CM (Lecture) CM1.5 Interventions at various levels of Prevention.	Physiology Tutorials - Immunity -Neurons, neuroglia, nerve fibers, nerve growth factors, cytokines -Resting membrane potential
47	Formative Assessment Biochemistry	ANATOMY LECTURE AN – 13.1 Lymphatic drainage and venous drainage of upper limb	ECE- BIOCHEMISTRY –BI-2.6/2.7 Visit to medicine wards- Diagnostic and Therapeutic uses of enzymes			Mentor mentee meeting

4th week

DAY	**8-9AM**	**9-10AM**	**10-11AM**	**11AM-11.15AM**	**11.15AM-1.15PM**	**2-4PM**
49	KANNADA	ANATOMY LECTURE	PHYSIOLOGY LECTURE	BREAK	ANATOMY	Anatomy practicals –' A' batch –

		AN -68.1-68.3 Histology of nervous tissue	PY – 1.8 Action potential		DISSECTION – revision of upper limb and **viva**		Muscular tissue (67.1-67.3) Physiology practicals – B batch – Absolute eosinophil count(PY-2.11) Biochemistry practicals – principles of colorimetry (BI 11.6)
50	YOGA	PHYSIOLOGY LECTURE PY – 3.2 Properties of nerve fibers, neuronal degeneration and regeneration	ANATOMY LECTURE AN – 15.1 Anterior compartment of thigh-cutaneous innervation and muscles	BREAK	ANATOMY DISSECTION – introduction to lower limb and anterior compartment of thigh (AN-15.1)		Anatomy practicals–'B' batch - Muscular tissue (67.1-67.3) Physiology practicals – C batch– Absolute eosinophil count(PY-2.11) Biochemistry practicals– principles of colorimetry(BI 11.6)
51	ENGLISH	BIOCHEMISTRYLECTURE BI-17.1 Chemistry of Nucleotides	ANATOMY LECTURE AN – 15.3 Femoral triangle in detail	BREAK	ANATOMY DISSECTION– Femoral triangle and anterior compartment of thigh (AN -15.3)		Anatomy practicals – 'C' batch – Muscular tissue (67.1-78.3) Physiology practicals – A batch– Absolute eosinophil count (PY-2.11) Biochemistry practicals– principles of colorimetry(BI 11.6)
52	YOGA	ANATOMY LECTURE AN – 75.1 genetics structural and numerical aberrations of chromosomes and mosaicism	PHYSIOLOGY LECTURE PY – 3.7 Classification of muscles, structure of skeletal muscle	BREAK	ANATOMY DISSECTION – Femoral triangle (AN – 15.3)		Osteology Tutorials– hip bone, acetabularfeacture ,coxavera and valga Anatomy – SGT – karyotyping and lyon's hypothesis
53	AETCOM	PHYSIOLOGY LECTURE PY – 3.8-3.12,3.17 Properties of skeletal muscle fibers	BIOCHEMISTRYLECTURE BI-17.1 Structure and types of DNA	BREAK	Biochemistry – SGT BI-17.1 Structure and types of RNA, Cell cycle	CM (Lecture) CM1.5 Interventions at various levels of Prevention.	Physiology Tutorials - Action potential - Properties of nerve fibers, neuronal degeneration and regeneration - Classification of muscles, structure of skeletal muscle - Properties of skeletal muscle

							fibers
54	**Formative Assessment Anatomy Theory – forearm and hand**	ANATOMY LECTURE AN – 15.1-15.2 adductor canal and Medial compartment of thigh	Physiology Tutorials/SGT - Fibrinolytic system, anticlotting mechanism, anticoagulants -Bleeding disorders and investigations, Blood groups and transfusion reactions - Plasma proteins, lymph, Immunity -Neurons, neuroglia, nerve fibers, nerve growth factors, cytokines -Resting membrane potential, Action potential - Properties of nerve fibers, neuronal degeneration and regeneration - Classification of muscles, structure of skeletal muscle, Properties of skeletal muscle fibers				Mentor mentee meeting

DAY	**8-9AM**	**9-10AM**	**10-11AM**	**11AM-11.15AM**	**11.15AM-1.15PM**	**2-4PM**
56	KANNADA	ANATOMY LECTURE AN -69.1-69.3 Histology of blood vessels	PHYSIOLOGY LECTURE PY – 3.4 Neuromuscular junction(NMJ)-structure, events occurring across NMJ	BREAK	ANATOMY DISSECTION – adductor canal and medial compartment of thigh (AN – 15.1-15.2)	Anatomy practicals – 'A' batch – (AN -68.1-68.3) nervous tissue Physiology practicals – B batch – differential leucocyte count(PY-2.11) Biochemistry practicals –C Batch Techniques- ELISA(BI-11.6)
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58	ENGLISH	BIOCHEMISTRYLECTURE BI -3.2/3.3 Digestion and absorption of carbohydrates	ANATOMY LECTURE AN – 16.1-16.2 Gluteal region Gluteus Maximus and structures	BREAK	ANATOMY DISSECTION– Gluteal region Gluteus Maximus and structures under cover (AN -16.1-16.2)	Anatomy practicals – 'C' batch - nervous tissue (AN -68.1-68.3) Physiology practicals – A batch– differential leucocyte count (PY-2.11) Biochemistry practicals -C Batch Techniques- ELISA(BI-11.6)

			under cover				
59	YOGA	ANATOMY LECTURE AN – 74.1-74.3 genetics laws of inheritance and clinical syndromes	PHYSIOLOGY LECTURE PY – 3.5,3.6 Drugs acting on NMJ, EMG, Skeletal muscle disorders	BREAK	ANATOMY DISSECTION– Gluteal region Gluteus Maximus and structures under cover, nerves and vessels (AN -16.1-16.2)	Osteology Tutorials – hip bone acetabularfeacture ,coxavera and valga	Anatomy – SGT – femoral vein and artery – cannulations, venae sections, varicose veins
60	**Formative Assessment Anatomy Theory- front of thigh and gluteal region**	ANATOMY LECTURE AN – 16.4-16.5 Posterior compartment of thigh and lumbosacral plexus	**ECE- anatomy–sciatica and femoral hernia – visit to surgery wards**			Mentor mentee meeting	

	8-9AM	**9-10AM**	**10-11AM**	**11AM-11.15AM**	**11AM-11.15AM**	**2-4PM**
62	KANNADA	ANATOMY LECTURE AN -71.1 Histology of Salivary gland	PHYSIOLOGY LECTURE PY – 3.8-3.9,3.11 Smooth muscles	BREAK	ANATOMY DISSECTION – Posterior compartment of thighand fibular nerve entrapment	Anatomy practicals – 'A' batch – Blood vessels(AN -69.1-69.3) Physiology practicals – B batch – Differential leucocyte count (PY-2.11) Biochemistry practicals –C Batch Estimation of AST/ALT- Demonstration(11.13)
63	YOGA	PHYSIOLOGY LECTURE PY – 3.9,3.10,3.17 Excitation-contraction, coupling	ANATOMY LECTURE AN – 16.4,16.5 Popliteal Fossa Boundaries contents &relations	BREAK	ANATOMY DISSECTION – Popliteal Fossa	Anatomy practicals–'B' batch - Nervous tissue &– Blood vessels(AN -69.1-69.3) Physiology practicals – C batch– Differential leucocyte count(PY-

						2.11) Biochemistry practicals –A Batch Estimation of AST/ALT- Demonstration(11.13)
64	ENGLISH	BIOCHEMISTRYLECTURE BI-3.4/3.5/3.7 Glycolysis-Pathway, regulation, Inhibitors	ANATOMY LECTURE AN – 17.1-17.3 Hip Jointand dislocations	BREAK	ANATOMY DISSECTION– – Popliteal Fossa (AN -16.6) **CBL-Popliteal pulse and haemorrhage**	Anatomy practicals – 'C' batch – Blood vessels(AN -69.1-69.3) Physiology practicals – A batch– Differential leucocyte count(PY-2.11) Biochemistry practicals –B Batch Estimation of AST/ALT- Demonstration(11.13)
65	YOGA	ANATOMY LECTURE Embryology AN – 77.4-77.6 Fertilisation, cleavage& ART	PHYSIOLOGY LECTURE PY – 6.1 Introduction to respiratory system	BREAK	ANATOMY DISSECTION–AN – 17.1-17.3 Hip Joint & **VIVA**	Osteology Tutorials – Femur & fractures femur / Anatomy – SGT – psoas abscess intra gluteal Injection
66	AETCOM	PHYSIOLOGY LECTURE PY – 6.2 Mechanics of breathing	BIOCHEMISTRYLECTURE BI-3.4/3.5/3.7 Gluconeogenesis-Pathway, regulation, Inhibitors	BREAK	BIOCHEM – SGT-BI-3.4/3.5/3.7 Glycogen Metabolism / CM (Lecture)CM1.7 Enumerate and describe health indicators	Physiology tutorials -Smooth muscles - Excitation-contraction, coupling -- Introduction to respiratory system - Mechanics of breathing
67	Formative Assessment – Physiooology-Nerve muscle physiology	ANATOMY LECTURE AN –18.1-18.3 Anterior compartment of leg and Dorsum of Foot.	ECE- Physiology-Visit to medicine and orthopedics wards			Mentor mentee meeting

	8-9AM	9-10AM	10-11AM	11AM-11.15AM	11.15AM-1.15PM	2-4PM	
69	KANNADA	ANATOMY LECTURE AN -70.2 Histology of lymphnode& thymus	PHYSIOLOGY LECTURE PY – 6.2 Surface tension, Lung compliance	BREAK	ANATOMY DISSECTION –Anterior compartment of Leg, sural nerve graft (AN –18.1-18.3)	Anatomy practicals – 'A' batch. AN -71.1 Salivary glands Physiology practicals – B batch – Differential leucocyte count(PY-2.11) Biochemistry practicals –C Batch Estimation of ALP-Demonstration(11.14)	
70	YOGA	PHYSIOLOGY LECTURE PY – 6.2 Alveolar ventilation, V/P ratio	ANATOMY LECTURE AN – 18.5,18.7 Knee Joint	BREAK	ANATOMY DISSECTION Knee Joint and injuries, (AN – 18.5,18.7) **CBL- Knee Joint injuries, Osteoarthritis**	Anatomy practicals–'B'batch . AN -71.1 Salivary glands Physiology practicals – C batch– Differential leucocyte count(PY-2.11) Biochemistry practicals–A BatchEstimation of ALP-Demonstration(11.14)	
71	ENGLISH	BIOCHEMISTRYLECTURE BI-3.6 TCA cycle- Amphibolic and anapleroticreactions.	ANATOMY LECTURE AN – 19.1-19.4 Lateral compartment& Posterior compartment of Leg.	BREAK	ANATOMY DISSECTION– Lateral compartment& Posterior compartment of Leg. AN – 19.1-19.4	Anatomy practicals – C batch – AN -71.1 Salivary glands. Physiology practicals – A batch– Differential leucocyte count(PY-2.11) Biochemistry practicals–B batch Estimation of ALP-Demonstration(11.14)	
72	YOGA	ANATOMY LECTURE Embryology AN – 78.1-78.3 IInd Week of Development, implantation,blastocyst& Development of	PHYSIOLOGY LECTURE PY – 6.2 Diffusion of gases	BREAK	ANATOMY DISSECTION– Lateral compartment & Muscles of posteriorcompartment Sdl	Osteology Tutorials – Tibia & Patella, fracture with compartment syndrome	Anatomy – SGT – Foot Drop-anatomical basis CBL-patellofemoral syndrome

		Trophoblast.			**concept of peripheral heart**			
73	AETCOM	PHYSIOLOGY LECTURE PY – 6.3 Transport of oxygen	BIOCHEMISTRYLECTURE BI-3.4/3.5/3.7. HMP Shunt Pathway	BREAK	BIOCHEM – SGT-BI-3.8 Regulation of Blood Glucose	CM (Lecture)CM1.8 Describe the demographic Profile of India and discuss its impact on health	Physiology Tutorials -Surface tension, Lung compliance - Alveolar ventilation, V/P ratio - Diffusion of gases - Transport of oxygen	
74	Formative Assessment	ANATOMY LECTURE AN –19.2 Nerves and vessels of posterior compartment of leg.	ECE- BIOCHEM-BI-3.9/3.10 Interpretation of Blood glucose levels, Role of Glycosylated Hb in Management of diabetes				Mentor mentee meeting	

	8-9AM	**9-10AM**	**10-11AM**	**11AM-11.15AM**	**11.15AM-1.15PM**	**2-4PM**
76	KANNADA	ANATOMY LECTURE AN -70.2 Histology of Spleen and Palatine tonsil	PHYSIOLOGY LECTURE PY-6.3 Transport of Carbon dioxide	BREAK	ANATOMY DISSECTION – AN 19.1-19.4 Posterior compartment of Leg	Anatomy practicals – 'A' batch – AN -70.2 lymphnode& thymus Physiology practicals – B batch – Haemoglobin estimation (PY-2.11) Biochemistry practicals– C Batch Estimation of Blood Glucose levels (BI-11.21)
77	YOGA	PHYSIOLOGY LECTURE PY-6.3 Neural regulation of respiration	ANATOMYLECTURE AN- 19.5 I & II layer Muscles ,Nerves & Vessels Sole	BREAK	ANATOMY DISSECTION I & II layer of Sole AN 19.5	Anatomy practicals–'B' batch AN -70.2. lymphnode& thymus Physiology practicals – C batch– Haemoglobin estimation(PY-2.11) Biochemistry practicals–A Batch Estimation of Blood Glucose levels

							(BI-11.21)
78	ENGLISH	BIOCHEMISTRYLECTURE BI-3.4/3.5/3.7. Minor Metabolic Pathways of Glucose Metabolism	ANATOMY LECTURE AN- 19.5 III & IV layer of sole-Muscles Nerves & Vessels	BREAK	ANATOMY DISSECTION– AN .19.5 I & II layer Sole		<u>Anatomy practicals</u> – 'C AN -70.2. lymphnode& thymus <u>Physiology practicals</u> – A batch– Haemoglobin estimation(PY-2.11) <u>Biochemistry practicals–</u>B batch Estimation of Blood Glucose levels (BI-11.21)
79	YOGA	ANATOMY LECTURE Embryology AN –79.1-79.3 Neurulation, Primitive streak .	PHYSIOLOGY LECTURE PY-6.3 Chemical regulation of respiration	BREAK	ANATOMY DISSECTION– III , IV th layer of Sole of Foot		Osteology Tutorials – Fibula Anatomy – SGT – Foot Drop Population PULSE & anatomist
80	AETCOM	PHYSIOLOGY LECTURE PY-6.6 Hypoxia	BIOCHEMISTRYLECTURE BI-6.6 Biological Oxidation, Components and Reactions of ETC	BREAK	BIOCHEM – SGT BI-6.6 Oxidative Phosphorylation	CM (Lecture)CM 1.6 Concepts and Principles of Health Promotion and Education	<u>Physiology tutorials</u> -Transport of CO_2 -Neural regulation respiration -Chemical regulation of respiration - Hypoxia
81	Formative Assessment	ANATOMY LECTURE AN – 19.5 Archesof Foot and its importance	ECE- PHYSIOLOGY TUTORIALS				Mentor mentee meeting

83	KANNADA	ANATOMY LECTURE AN -80.2-3	PHYSIOLOGY LECTURE PY-6.5	BREAK	ANATOMY DISSECTION	<u>Anatomy practicals</u> – A batch – AN -70.2

		Histology of placenta&Umbilicord	Deep sea physiology- Dysbarism		AN – 19.5 Arches of Foot CBL- flat foot ,club foot	Histology of Spleen and Palatine tonsil Physiology practicals – B batch – Blood grouping, Bleeding time, Clotting time Biochemistry practicals –C Batch Estimation of Blood Glucose levels (BI-11.21)
84	YOGA	PHYSIOLOGY LECTURE PY-6.5 High altitude physiology – Acclimatization	ANATOMY LECTURE AN – 20.1,-20.2 Ankle joint and other joints of Lowerlimb.	BREAK	ANATOMY DISSECTION – Ankle joint (AN- 20.1-20.2)	Anatomy practicals -B batch – AN -70.2 Histology of Spleen and Palatine tonsil Physiology practicals – C batch– Blood grouping, Bleeding time, Clotting time(PY-2.11) Biochemistry practicals–A Batch Estimation of Blood Glucose levels (BI-11.21)
85	ENGLISH	BIOCHEMISTRYLECTURE BI-6.9/6.10 Metabolism of Minerals-Calcium & Phosphorus	ANATOMY LECTURE AN – 21.3-21.7 Introduction to thoracic wall Boundarie of apertures & Intercostal space.	BREAK	ANATOMY DISSECTION– Surface anatomy & radiology of lower limb.(AN -20.6)	Anatomy practicals – C batch – AN -70.2 Histology of Spleen and Palatine tonsil Physiology practicals – A batch– Blood grouping, Bleeding time, Clotting time(PY-2.11) Biochemistry practicals–B BatchEstimation of Blood Glucose levels (BI-11.21)

86	YOGA	ANATOMY LECTURE AN – Derivatives of germ layers &Folding of embryo	PHYSIOLOGY LECTURE PY-11.4, 11.8 Cardiorespiratory changes during exercise	BREAK	ANATOMY DISSECTION – Surface anatomy & radiology of lowerlimb.(AN -20.6) **Viva – lower limb**		Osteology Tutorials – Fibula &Skeleton of foot	Anatomy – SGT – CTEV Flat foot.
87	AETCOM	PHYSIOLOGY LECTURE PY-6.6 Cyanosis, Asphyxia, Apnoea, Periodic breathing, Artificial respiration	BIOCHEMISTRYLECTURE BI-6.9/6.10 Metabolism of Minerals-Iron Copper	BREAK	Biochemistry SGT- BI-6.9/6.10 Metabolism of micro minerals	CM (Lecture)CM1.6 IEC and BCC	<u>Physiology Tutorials</u> --Deep sea physiology-Dysbarism - High altitude physiology - Acclimatization -Cardiorespiratory changes during exercise - Cyanosis, Asphyxia, Apnoea, Periodic breathing, Artificial respiration	
88	Formative Assessment PHYSIOLOGY	ANATOMY LECTURE AN 24.1 Pleura	<u>Tutorials physiology</u> - Smooth muscle - Neuromuscular junction(NMJ)-structure, events occurring across NMJ, Excitation-contraction coupling, Drugs acting on NMJ, EMG, Skeletal muscle disorders - Introduction to CVS, Coronary circulation, Cardiac muscle – Structure and Properties, Conducting system of heart, Cardiac cycle, ECG, Heart rate, cardiac arrhythmia, Cardiac output, Hemodynamics of blood					

	8-9AM	**9-10AM**	**10-11AM**	**11AM-11.15AM**	**11AM-11.15AM**	**2-4PM**
90	KANNADA	ANATOMY	PHYSIOLOGY	BREAK	ANATOMY	<u>Anatomy practicals – 'A' batch.</u>

		LECTURE AN 25.1 Histology of Trachea &Lung	LECTURE PY- 6.7 Pulmonary function tests		DISSECTION – AN – 21.3-21.7 Introduction to thoracic wall- Boundaries,apertures &typical Intercostal space.	AN 25.1 Histology of Trachea &Lung Physiology practicals – B batch – ESR,PCV,Blood indices (PY-2.12) Biochemistry practicals –C Batch Estimation of Calcium and Phosphorus- Demonstration (BI-11.11)	
91	YOGA	PHYSIOLOGY LECTURE PY-6.7 Pathophysiology of COPD	ANATOMY LECTURE AN – 24.2 Lungs	BREAK	ANATOMY DISSECTION AN- 24.1 Pleura CBL- Pneumothorax &Hydrothorax	Anatomy practicals – 'A' batch. AN 25.1 Histology of Trachea &Lung Physiology practicals – C batch– ESR,PCV,Blood indices (PY-2.12) Biochemistry practicals -A batch Estimation of Calcium and Phosphorus- Demonstration (BI-11.11	
92	ENGLISH	BIOCHEMISTRY LECTURE BI-6.9/6.10 Metabolism of Micro minerals	ANATOMY LECTURE AN – 24.3-21.11 Bronchopulmonary segments of Lungs, Introduction to mediastinum	BREAK	ANATOMY DISSECTION– – AN – 24.2 Lungs **SGT- BRONCHOGENIC CARCINOMA**	Anatomy practicals – 'A' batch. AN 25.1 Histology of Trachea &Lung Physiology practicals – A batch– ESR,PCV,Blood indices (PY-2.12) Biochemistry practicals–B' batch Estimation of Calcium and Phosphorus- Demonstration (BI-11.11)	
93	YOGA	ANATOMY LECTURE Embryology AN – 80.3,81.1-81.3 Placenta, fetal membrane - structure	PHYSIOLOGY LECTURE PY-6.6 Pulmonary circulation , Pulmonary edema	BREAK	ANATOMY DISSECTION– AN – Lungs & Mediastinum	Osteology Tutorials – Typical ribs	Anatomy – SGT – Pleural effusion &thoracocentesis

		Function and clinical anatomy					
94	AETCOM	PHYSIOLOGY LECTURE PY – 5.1,5.10 Introduction to CVS, Coronary circulation	BIOCHEMISTRY LECTURE BI-4.1 Chemistry of lipids- Definition, Classification.	BREAK	BIOCHEM – SGT- BI-4.1 Chemistry of lipids- fatty acids, functions, properties	CM (Lecture) CM 4.1 Methods of Health Education.	Physiology tutorials -Pulmonary function tests - Pathophysiology of COPD -Pulmonary circulation , Pulmonary edema - Introduction to CVS, Coronary circulation
95	Formative Assessment Pleura and lung discussion	ANATOMY LECTURE AN –22.1,22.2 Pericardium,sinuses and External features of Heart.	ECE- ANATOMY PLEURAL EFFUSION (MEDICINE WARD)				Mentor mentee meeting

	8-9AM	**9-10AM**	**10-11AM**	**11AM-11.15AM**	**11.15AM-1.15PM**	**2-4PM**
97	KANNADA	ANATOMY LECTURE AN -52.1 Histology of Tongue	PHYSIOLOGY LECTURE PY – 5.2 Cardiac muscle – Structure, Properties of heart	BREAK	ANATOMY DISSECTION – Pericardium,sinuses Pericardial effusion & Cardiac tamponade	Anatomy practicals – 'A' batch AN -80.2-3 Histology of placenta &Umbilicord Physiology practicals – B batch – Revision of haematologypracticals Biochemistry practicals –SGT- C batch Diagnostic and Therapeutic uses of enzymes(BI-2.6/2.7)
98	YOGA	PHYSIOLOGY LECTURE PY – 5.1,5.2,5.4	ANATOMY LECTURE AN -22.2	BREAK	ANATOMY DISSECTION External features of Heart	Anatomy practicals – 'A' batch AN -80.2-3 Histology of placenta &Umbilicord

		Conducting system of heart	Interior of Heart				<u>Physiology practicals</u> – C batch– Revision of haematologypracticals <u>Biochemistry practicals– SGT-</u>A batch Diagnostic and Therapeutic uses of enzymes(BI-2.6/2.7)
<u>99</u>	ENGLISH	BIOCHEMISTRY LECTURE BI-4.1 Chemistry of lipids- Phospholipids, Cholesterol	ANATOMY LECTURE AN –22.3-22.5 Blood supply of Heart and cardiac catheterization	BREAK	ANATOMY DISSECTION– AN -22.2 Interior of Heart &Valvular heart diseases of heart		Anatomy practicals – 'A' batch AN -80.2-3 Histology of placenta &Umbilicord <u>Physiology practicals</u> – A batch– Revision of haematologypracticals <u>Biochemistry practicals– SGT-</u>B' batch Diagnostic and Therapeutic uses of enzymes(BI-2.6/2.7)
<u>100</u>	YOGA	ANATOMY LECTURE Embryology AN – 25.2 Development of CVS - I	PHYSIOLOGY LECTURE PY – 5.3 Cardiac cycle – I	BREAK	ANATOMY DISSECTION– AN -22.2 Interior of Heart and blood supply of heart		Osteology Tutorials – Atypical ribs Anatomy – SGT – anatomical basis of CAD- Angina, MI, Cardiac referred pain
<u>101</u>	AETCOM	PHYSIOLOGY LECTURE PY – 5.3 Cardiac cycle – II	BIOCHEMISTRYLECTURE BI-4.2 Digestion and absorption of lipids	BREAK	BIOCHEM – SGT--BI-3.9/3.10 Interpretation of Blood glucose levels	CM (Lecture) CM 4.2 Methods of Organising Health Education Activities at Family and Community settings	<u>Physiology Tutorials</u> -Cardiac muscle – Structure, Properties - Conducting system of heart - Cardiac cycle
<u>102</u>	Formative Assessment	ANATOMY LECTURE	ECE- PHYSIOLOGY – Visit to medicine, Chest & TB wards				Mentor mentee meeting

		AN-22.6,22.7 Fibrous skeleton of heart and conducting system		