



ESI-PGIMSR & ESIC MEDICAL COLLEGE
ESIC Hospital & ODC (EZ)
 Diamond Harbour Road, P.O. Joka, Kolkata - 700104

BLOCK 1 BATCH 2019-2020

GENERAL ANATOMY, UPPER LIMB, GENREAL PHYSIOLOGY & MUSCULO SKELETAL SYSTEM & BLOOD, GENERAL BIOCHEMISTRY, ENZYMES & Hb CHEMISTRY

Time	Day 1 02.09.19 Mon	Day 2 03.09.19 Tues	Day 3 04.09.19 Wed	Day 4 05.09.19 Thurs	Day 5 06.09.19 Fri	Day 6 07.09.19 Sat
8 AM-9 AM	AN 1.1 Terminologies in Anatomy Lecture Hall: 1	PY1.6: Body fluid compartments, its ionic composition and measurement	AN 76.1,76.2, 77.1 to 77.6 Introduction to Embryology and Embryology / First Week of Human development	PY 1.1,1.3,1.4,1.9 (VI-PA) Cell-functions, communications	BI 1.1 (HI-PY 1.1, 1.3) Fluid mosaic model, cell junctions, inter cellular connection	AETCOM 1.4 Part 1
9 AM-10 AM	PY 1.1 Mammalian cell structure, cell organelle, outline of cell membrane structure, composition & Function	AN 65.1,65.2 AN 1.1b Describe a light microscope, its parts, uses and handling with tissue preparation (ALT) Introduction to Microscope Epithelium-	PY 1.2 Homeostasis & its Disturbances	AN 79.1 to 79.6 Embryology Third week of Human Development	AN 2.1 to 2.6 Bone and Joint	
10 AM-11 AM	BI 1.1 (HI-PY 1.1) Structure & functions of the cell & sub-cellular organelles	AN 76.1 , 76.2 Describe the stages of human life (ALT)- Embryology Introduction	AN 78.1 to 78.5 Embryology – Second Week of Human Development	PY 1.6 (HI-BI) Body fluid compartments	AN 3.1- 3.3(HI-PY) Muscular system	CM 2.1 Clinico social, cultural, demographic assessment of individual/family community
11AM-1 PM	AETCOM Module 1.5 Part 1 Oath taking	AN 4.1 Composition of Human body – Basic structure	AN 65.1, 65.2, 66.1, 66.2. Basic tissues Histology of epithelial and		ECE*- Early Clinical Exposure	AN 13.1 to 13.7 Introduction to Osteology , Embryology, Surface marking, Histology, Radiological anatomy: Group C/ BI 11.1 Commonly used lab equipments, safety, waste

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			connective tissue			disposal- Group B/ PY 2.11 Microscope & Hemocytometer Hematology lab- Group A
2 PM-4 PM	AN1.1 Describe normal anatomical position, various planes, relation, comparison, laterality & movement in our body. (ALT)- All students	PY 2.11 Introduction to Physiology and Total count RBC- Microscope & Hemocytometer Hematology lab- All Students	Bi1.1: SGD- 1:Describe the Molecular and functional organization of cell and subcelluar organelles- All Students	AN 13.1 to 13.7 Introduction to Osteology , Embryology, Surface marking, Histology, Radiological anatomy: Group B/ BI 11.1 Commonly used lab equipments, safety, waste disposal- Group C/ PY 2.11 Microscope & Hemocytometer Hematology lab- Group A	AN 13.1 to 13.7 Introduction to Osteology , Embryology, Surface marking, Histology, Radiological anatomy: Group A/ BI 11.1 Commonly used lab equipments, safety, waste disposal- Group B/ PY 2.11 Microscope & Hemocytometer Hematology lab- Group C	Half day



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Time	Day 7 09.09.19 Mon		Day 8 11.09.19 Wed	Day 9 12.09.19 Thurs	Day 10 13.09.19 Fri	Day 11 14.09.19 Sat
8-9	AN 7.1 to 7.8 Nervous system: Central Nervous system	10.9.2019 Tuesday	AN 9.1 Introduction to upper limb- Pectoral region- II	AN 3.1- 3.3(HI- PY) Muscular system	BI 3.1 Reactions of Monosaccharides & Disaccharides	AETCOM 1.4 Part 2
9-10	PY 1.5 Transport across the cell- I	Holiday	BI 3.1 Carbohydrates – Importance, Classification, Monosaccharides	AN 6.1 to 6.3 Lymphatic System	PY 3.4, 3.6(VI- AS, PA) Introduction MG NMJ & Transmission	
10-11	AN 9.1 Introduction to upper limb- Pectoral region- I		AN 7.1 to 7.8 Nervous system: Peripheral Nervous system	PY 3.1 & 3.2 Neuron, Neuroglia & Nerve Fibers	AN 5.1 to 5.8 Blood vessels(A)	BI 11.6 Colorimetry and spectro photometry
11-1	BI 1.1 (HI-PY 1.1) Structure & functions of the cell & sub-cellular organelles		PY 1.5 Transport across the cell- II	AN 10.1 to 10.2 Gross Anatomy Axilla I	ECE*	AN 10.3 Gross Anatomy Axilla /Physiology Tutorials/ BI 11.16 Observe auto analyser and use of QC
2-4	AN 9.2 Dissection Pectoral region- All Students		AN 7.1 to 7.8 AN 3.1- 3.3(HI-PY) Histology: Bone, Cartilage, Muscular system Nervous system: Central Nervous system- All Students	AN 10.3 Gross Anatomy Axilla /Physiology Tutorials/ BI 11.16 Observe auto analyser and use of QC	AN 10.3 Gross Anatomy Axilla /Physiology Tutorials/ BI 11.16 Observe auto analyser and use of QC	Half Day

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Time	Day 12 16.09.19 Mon	Day 13 17.09.19 Tues	Day 14 18.09.19 Wed	Day 15 19.09.19 Thurs	Day 16 20.09.19 Fri	Day 17 21.09.19 Sat
8 AM-9 AM	AN 10.1 to 10.2 Gross Anatomy Axilla II	PY 3.5, 3.6(VI-AS, PH, PA) Drugs acting at NMJ & MG	AN 10.10 Gross Anatomy Deltoid region	PY 3.8,1.8 Bioelectric Potential AP / RMP	BI 5.1 Proteins – Definition, Importance & Classification	AETCOM 1.4 Part 2
9 AM-10 AM	AN 10.10 Gross Anatomy Deltoid region	BI 3.1 Carbohydrate – polysaccharides	BI 5.1, 11.16, 11.19 Amino acids, classification, reactions, chromatography	AN 10.12(VI- SU) Shoulder joint	PY 3.8,3.13 , 3.17 (VI-IM, HI –AN) properties of muscle , SDC	
10 AM-11 AM	AN 79.1 to 79.6 Embryology 4th – 8th Weeks	AN 10.10 to 10.13 Gross Anatomy Scapular region	AN 11.1-11.4 Gross Anatomy Arm	PY 3.7, 3.13 (VI-IM, HI – AN) Introduction DMD : Structure of muscle and Muscle proteins	AN 11.5,11.6 Cubital fossa	BI 5.1 Proteins – structure Isoelectric pH, Denaturation, sequencing
11AM-1 PM	AN 65.1,65.2 Introduction to microscope-Revision	AN 10.3-10.13 Dissection: Brachial plexus	PY 11.13 General Examination	AN 67.1-67.3 Histology Basic tissues Nervous tissues	ECE	AN 11.1,11.2 Dissection Scapular region/ PY 3.14 Ergography/Biochemistry Tutorials
2 PM-4 PM	AN 10.3 - 10.13Gross Anatomy Axilla/Biochemistry Tutorials/ Physiology Tutorials	AN 10.3 - 10.13Gross Anatomy Axilla/Biochemistry Tutorials/ Physiology Tutorials	AN 10.3 - 10.13Gross Anatomy Axilla/Biochemistry Tutorials/ Physiology Tutorials	AN 11.1,11.2 Dissection Scapular region/ PY 3.14 Ergography/Biochemistry Tutorials	AN 11.1,11.2 Dissection Scapular region/ PY 3.14 Ergography/Biochemistry Tutorials	Half day

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Time	Day 18 23.09.19 Mon	Day 19 24.09.19 Tues	Day 20 25.09.19 Wed	Day 21 26.09.19 Thurs	Day 22 27.09.19 Fri	Day 23 28.09.19 Sat
8 AM-9 AM	AN 12.1,12.2 Front of forearm	PY 3.5, 3.6(VI-AS, PH, PA) Drugs acting at NMJ & MG	CM 8.1,8.3 Definition & Global burden of anemia	PY 3.9 Molecular basis of skeletal muscle contraction	BI 4.1(VI-IM) Lipids – Classification & Fatty acid reactions	PY 3.11, 3.15(HI-BI) Changes during muscle contraction & Exercise Metabolism
9 AM-10 AM	ECE PY 3.6 Resolution: Case: Myasthenia gravis Large Group	BI 4.1(VI-IM) Lipids – Classification & Fatty acid reactions	BI 4.1 (VI-IM) Lipids – phospholipids, cholesterol, lipoproteins	AN 67.1-67.3 Histology Basic tissues Muscles	PY 3.9 Molecular basis of smooth muscle contraction	
10 AM-11 AM	AN 12.1,12.2 Front of forearm	AN 11.1-11.3,10.12 Dissection Arm, Shoulder Joint	AN 12.11,12.12 Back of forearm(A)	PY 3.10, 3.12(VI-IM) Types & grades of muscle contraction	AN 13.3 Elbow joint & anastomosis	CM 2.2 Socio cultural factors, family types, roll in health & disease
11AM-1 PM	Biochemistry Tutorials	AN 11.1-11.3,10.12 Dissection Arm, Shoulder Joint	PY 11.13 General Examination Revision	AN 75.1 Case1 Resolution – Down’s Syndrome: (Small Group)	ECE	AN 11.5 Dissection - Cubital fossa/ PY 2.11(VI-PA) RBC Count/
2 PM-4 PM	AN 11.1,11.2 Dissection Deltoid region/PY 3.14 Ergography Revision/Biochemistry Tutorials	AN 11.1,11.2 Dissection Deltoid region/PY 3.14 Ergography Revision/Biochemistry Tutorials	AN 11.1,11.2 Dissection Deltoid region/PY 3.14 Ergography Revision/Biochemistry Tutorials	AN 11.5 Dissection - Cubital fossa/ PY 2.11(VI-PA) RBC Count/	AN 11.5 Dissection - Cubital fossa/ PY 2.11(VI-PA) RBC Count/	Half day

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Time	Day 24 30.09.19 Mon	Day 25 14.10.19 Mon	Day 26 15.10.19 Tues	Day 27 16.10.19 Wed	Day 28 17.10.19 Thurs	Day 29 18.10.19 Fri	Day 30 19.10.2019 Sat
8 AM-9 AM	AN 12.2 Nerves and Vessels of Forearm	AN 12.2 Radial Nerve and Radial Artery	PY 2.1, 2.2(HI-BI) Case 5 Introduction: Aplastic Anemia Components of blood, Plasma proteins	CM 8.3 Prevention of anaemia	PY 2.12(VI-PA) Hb, PCV and blood indices	BI 5.2, 6.12(HI-PY, VI- PA,IM) Abnormal Hb – its genetic basis	AETCOM 1.1-Part -II
9 AM-10 AM	Physiology Revision(GP & Muscle)	PY 2.4 Structure and functions of RBC. Erythropoiesis –I	BI 5.2, 6.12(HI-PY, VI- PA,IM) Structure & function of Hb & Myoglobin	BI 6.5 (VI-IM) Vitamins B12 & Folic acid	Community Medicine Tutorials	AETCOM 1.1- Part I Exploratory Session	
10 AM-11 AM	AN 13.3 Elbow joint & anastomosis	AN 13.3,13.4 Other joints of upper limb	Anatomy Tutorials	BI 6.9,6.10 (HI-PY,VI-IM) Iron metabolism	PY 2.12, 2.13(VI-PA) Reticulocyte count/Osmotic Fragility	ECE	PY 2.4 Erythropoiesis –II
11AM-1 PM	Biochemistry Tutorials	Biochemistry Tutorials		PY 2.11(VI-PA) RBC Count	AITo - Anaemia		AN 13.3-13.5 Dissection of elbow joint & other joints of Upper Limb/ Physiology Tutorials
2 PM-4 PM	SDL- ANATOMY	AN 12.1,12.2 Dissection forearm/ PY 3.18 Charts(GP & Muscle)/SDL- Biochemistry	AN 12.1,12.2 Dissection forearm/ PY 3.18 Charts(GP & Muscle)/ SDL-Biochemistry	AN 12.1,12.2 Dissection forearm/ PY 3.18 Charts(GP & Muscle)/ SDL- Biochemistry	AN 13.3-13.5 Dissection of elbow joint & other joints of Upper Limb/Physiology Tutorials	AN 13.3-13.5 Dissection of elbow joint & other joints of Upper Limb/ Physiology Tutorials	Half day

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Time	Day 31 21.10.19 Mon	Day 32 22.10.19 Tues	Day 33 23.10.19 Wed	Day 34 24.10.19 Thurs	Day 35 25.10.19 Fri	Day 36 26.10.2019 Sat
8 AM-9 AM	AN 12.3-12.6 Case 6 introduction: Carpel Tunnel Syndrome Palm I	PY 2.6 WBC leucopoiesis & functions	CM 2.3 Barriers of good health & health seeking behavio	PY2.10 Cellular Immunity	BI 2.6 (VI-PA,IM) Enzyme regulation	BI 10.3(VI-OG, SU, PA) Immunoglobulins & Electrophoresis SDL-Physiology
9 AM-10 AM	PY 2.12(VI-PA) ESR & Revision	BI 2.3 Enzymes-kinetics, mechanism, factors affecting enzyme activity	BI 2.4 (VI-PA,IM) Enzyme inhibition	AN 12.12-12.15 dorsum of hand	PY2.8 (VI-PA) Hemostasis Anticoagulants Disorders	
10 AM-11 AM	AN 12.7-12.12 Palm II	AN 12.12-12.15 Palm - III Case resolution 6: Carpel Tunnel Syndrome(Large Group)	AN 13.5,13.6 Osteology & Radiological Anatomy	PY 2.7 Platelets synthesis and function	AN 80.1-80.7 Embryology Placenta and Fetal membranes	BI.2.5,11.17 (VI-PA,IM) Isoenzymes , Enzymes of clinical importance
11AM-1 PM	BI 2.2,11.13 Est of SGOT,SGPT		PY 2.11(VI-PA) TLC	AN 13.5,13.6 Osteology & Radiological Anatomy	ECE	AN 12.12-12.15 Dissection of dorsum of hand/PY 2.11 Blood Group/Biochemistry Tutorials
2 PM-4 PM	AN 12.3-12.12 Dissection of palm/PY 2.11(VI-PA) DLC/BI 2.7 (VI-PA,IM) Biochemistry charts	AN 12.3-12.12 Dissection of palm/PY 2.11(VI-PA) DLC/BI 2.7 (VI-PA,IM) Biochemistry charts	AN 12.3-12.12 Dissection of palm/PY 2.11(VI-PA) DLC/BI 2.7 (VI-PA,IM) Biochemistry charts	AN 12.12-12.15 Dissection of dorsum of hand/PY 2.11 Blood Group/Biochemistry Tutorials	AN 12.12-12.15 Dissection of dorsum of hand/PY 2.11 Blood Group/Biochemistry Tutorials	Half day

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Time	Day 37 30.10.19 Wed	Day 38 31.10.19 Thurs	Day 39 1.11.19 Fri	Day 40 2.11.19 Sat	Day 41 4.11.2019 Mon	Day 42 5.11.2019 Tues	Day 43 6.11.2019 Wed
8 AM-9 AM	AN 10.4,11.3 Veins & lymphatics of upper limb	Physiology- Blood SDL	BI 6.2 Reactions involving nucleotides	AETCOM 1.1 Part III	Anatomy -SDL	Physiology-Revision	Biochemistry-Revision
9 AM-10 AM	BI10.3,10.4,10.5 (HI-PY, VI-OG, MI, SU,PA,IM,PE) Immune response & vaccine	AN 70.1,70.2 Histology of Lymphoid organs (A)	Physiology Revision		Physiology- SDL	BI 6.5 (VI-IM) Vitamins – riboflavin & Niacin	BI6.5 (VI-IM) Vitamins K & Thiamin
10 AM-11 AM	AN 13.1-13.7 Osteology & Radiological Anatomy	Physiology Revision	Anatomy Revision	Biochemistry Revision	Anatomy-Revision	Anatomy Revision- Practical	Anatomy Revision
11AM-1 PM	PY2.9 (VI-PA) Blood group I PY2.9 (VI-PA) Blood group II		Anatomy Revision	ECE	AN 13.6 Surface Anatomy of upper limb/ PY 2.8 (VI-PA) Seminar – Coagulation disorders/	BI10.3,10.4,10.5 (HI-PY, VI-OG, MI, SU,PA,IM,PE) Immune response & vaccine	Anatomy Revision- Practical
2 PM-4 PM	Anatomy-Tutorial	AN 13.6 Surface Anatomy of upper limb/PY 2.8 (VI-PA) Seminar – Coagulation disorders	AN 13.6 Surface Anatomy of upper limb/PY 2.8 (VI-PA) Seminar – Coagulation disorders	Half Day	PY 2.11,2.13 (VI-PA) BT/CT &Platelet Count	PY 2.11,2.13 (VI-PA) BT/CT &Platelet Count	PY 2.11,2.13 (VI-PA) BT/CT &Platelet Count

First IA: 7.11.2019 0- 16.11.2019

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BLOCK II BATCH 2019-2020

LOWER LIMB, ENDOCRINOLOGY & CARBOHYDRATE METABOLISM, CALCIUM, PHOSPHORUS & VITAMIN D

Time	Day 1 18.11.19 Mon	Day 2 19.11.19 Tues	Day 3 20.11.19 Wed	Day 4 21.11.19 Thurs	Day 5 22.11.2019 Fri	Day 6 23.11.2019 Sat	Day 7 25.11.2019 Mon
8 AM-9 AM	AN15.1 Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of anterior thigh	PY 8.6 Mechanism of Hormonal action	CM 2.4 Social, psychological, community behavior, community relationship & their impact health & disease	AETCOM Module 1.2 Part I: Integrated Learning	BI 3.1 Carbohydrate Metabolism III	BI 3.1 Carbohydrate Metabolism IV	AN18.4 Describe and demonstrate the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply, bursae around the knee joint
9 AM-10 AM	PY 8.1-8.6 Introduction to Endocrinology (General Medicine)	BI 3.1 Carbohydrate Metabolism I	BI 3.1 Carbohydrate Metabolism II		Physiology- SDL	PY 8.2 Hypothalamo Hypophyseal System	PY 8.2 Case 7 Introduction (Panhyo pituitarism) Neuro Hypophysis
10 AM-11 AM	AN15.3 Describe and demonstrate boundaries, floor, roof and contents of femoral triangle	<u>AN15.4 Explain anatomical basis of Psoas abscess & Femoral hernia</u>	AN15.5 Describe and demonstrate adductor canal with its content	PY 8.2 Hypothalamo Hypophyseal System	AN17.1 Describe and demonstrate the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and	BI 3.1 Carbohydrate Metabolism V	AN18.5 Explain the anatomical basis of locking and unlocking of the knee joint K KH Y AN18.6 Describe knee joint injuries with its applied anatomy



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LOWER LIMB, ENDOCRINOLOGY & CARBOHYDRATE METABOLISM, CALCIUM, PHOSPHORUS & VITAMIN D

					muscles involved, blood and nerve supply, bursae around the hip joint		AN18.7 Explain anatomical basis of Osteoarthritis
11AM-1 PM	BI 3.4,3.7,3.8 (VI-IM) Gluconeogenesis		ECE*- Early Clinical Exposure: Lecture/Case Based Learning 11am-2pm OBGY/Peds	AN14.2 Identify & describe joints formed by the given bone- Hip Bone AN14.1 Identify the given bone, its side, important features & keep it in anatomical position	PY 10.11 CNS Examination- Sensory system Histology of Thyroid, parathyroid	AN15.3 Anatomy- Dissection Femoral triangle, anterior thigh PY 10.11 CNS Examination- Higher mental functions Biochemistry Tutorials	SPORTS
2 PM-4 PM	AN15.3 Anatomy- Dissection Femoral triangle, anterior thigh Physiology Tutorials Biochemistry Tutorials	AN15.3 Anatomy- Dissection Femoral triangle, anterior thigh Physiology Tutorials Biochemistry Tutorials	AN15.3 Anatomy- Dissection Femoral triangle, anterior thigh Physiology Tutorials Biochemistry Tutorials	AN15.3 Anatomy- Dissection Femoral triangle, anterior thigh PY 10.11 CNS Examination- Higher mental functions Biochemistry Tutorials	AN15.3 Anatomy- Dissection Femoral triangle, anterior thigh PY 10.11 CNS Examination- Higher mental functions Biochemistry Tutorials		AN18.4 Demonstrate type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply, bursae around knee joint Physiology Tutorial BI 11.21 Estimation of glucose glucometer



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LOWER LIMB, ENDOCRINOLOGY & CARBOHYDRATE METABOLISM, CALCIUM, PHOSPHORUS & VITAMIN D

Time	Day 8 26.11.19 Tues	Day 9 27.11.19 Wed	Day 10 28.11.19 Thurs	Day 11 29.11.19 Fri	Day 12 30.11.2019 Sat	Day 13 2.12.2019 Mon	Day 14 3.12.2019 Tues
8 AM-9 AM	PY 8.2 Adenohypophysis I	Community medicine tutorial	AETCOM Module 1.2 Part II: Small group Discussion/ Tutorial	BI 11.16 Colorimetry	BI 3.1-3.3 Digestion of of carbohydrates	AN16.1,2 Gluteal region, Nerves, IM Injection, Trendelenburg Sign	PY 8.2,8.4 Seminar on Thyroid disorders
9 AM-10 AM	BI 6.5(VI-IM) Vitamin D	BI 6.9,6.10 (HI-PY,VI-IM) Calcium & Phosphorus	AN18.3 Explain the anatomical basis of foot drop	PY 8.2 Synthesis and Mechanism of Action of Thyroid Hormones PY 8.2,8.4 (HI-BI) Thyroid Functions & Disorders PY 8.1, 8.2 Functions of PTH	PY 8.3 Thymus & Pineal gland	PY 8.2,8.4(HI-BI) Functions of Insulin & Glucagon – II	BI 3.4,3.7,3.8 (VI-IM) Glycolysis, pyruvate dehydrogenase complex
10 AM-11 AM	AN43.2 Microanatomy of pituitary gland, thyroid, parathyroid gland, suprarenal	AN18.2 Describe and demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of anterior compartment of leg	PY 8.2 Adenohypophysis II	AN18.4,5,6 Knee Joint AN18.7 Explain anatomical basis of Osteoarthritis	BI 6.6 Biological oxidation, high energy compounds, components of ETC	AN17.2, Fracture neck of femur, Dislocation of hip joint and surgical hip replacement	AN43.2 Microanatomy of pituitary gland, thyroid, parathyroid gland, suprarenal
11AM-1 PM	AN18.1 Describe and demonstrate major muscles of anterior compartment of leg	ECE*- Early Clinical Exposure: Lecture/Case Based Learning 11 am-2pm	AN18.2 Describe and demonstrate origin, course, relations, branches (or	PY 10.11 CNS Examination – sensory system	AN18.4,5,6, 15.3, 17.2 Knee Joint, Patella	11-12 PM BI 6.6 Oxidative phosphorylation,	



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	with their attachment, nerve supply and actions	OBGY/Peds	tributaries), termination of important nerves and vessels of anterior compartment of leg		HipBone, Femur (All Students)	chemiosmoticTheory, shuttle pathways	
2 PM-4 PM	AN18.4 Demonstrate type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply, bursae around knee joint Physiology Tutorial BI 11.21 Estimation of glucose , glucometer	AN18.4 Demonstrate type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply, bursae around knee joint Physiology Tutorial BI 11.21 Estimation of glucose , glucometer	AN18.4,5,6, 15.3, 17.2 Knee Joint, Patella HipBone, Femur (All Students)	SPORTS		AN16.1,2 Gluteal region, Nerves, IM Injection, Trendelenburg Sign PY 8.2,8.4 Seminar on Thyroid disorders	AN16.1,2 Gluteal region, Nerves, IM Injection, Trendelenburg Sign PY 8.2,8.4 Seminar on Thyroid disorders



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Time	Day 15 4.12.19 Wed	Day 16 5.12.19 Thurs	Day 17 6.12.19 Fri	Day 18 7.12.19 Sat	Day 19 9.12.2019 Mon	Day 20 10.12.2019 Tues	Day 21 11.12.2019 Wed
8 AM-9 AM	Pharmacology of Anti diabetic drugs (Pharmacology)	Anatomy SDL	BI 3.4,3.7,3.8 (VI-IM) Glycogen Metabolism and disorders	BI 3.4,3.7,3.8 (VI-IM) Fructose & Galactose Metabolism	AN 19.1,2,3 Popliteal Fossa, Back of Leg	PY 8.2,8.4,8.5(HI-BI) Adrenal Medullary hormones	PhysiologySDL
9 AM-10 AM	BI 3.6 Citric acid cycle	AN 15.1-20.2 Revision lower limb	PY 11.7 Physiology of Aging	PY 8.2,8.4(HI-BI) Adrenal cortical Hormones-II Mineralocorticoids & regulation & applied aspects	PY 8.2 Endocrine functions of Skin, Kidney & heart	BI 3.9,11.17(VI-PA,IM) Plasma glucose regulation, Diabetes Mellitus	BI 3.4,3.7,3.8(VI-IM,PA) Case 9 Large Group Case Resolution (G6PD deficiency) HMP pathway and uronic acid pathway
10 AM-11 AM	AN20.1 Describe and demonstrate the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply of tibiofibular and ankle joint	PY 8.2,8.4(HI-BI) Adrenal cortical Hormones-I Glucocorticoids and applied aspects	AN20.2, 3 Subtalar and transverse tarsal joints, Fascia lata, Venous drainage	BI 6.13-6.15,11.17 (HIAN, PY; VI-PA,IM) Case 9- Introduction G6PD Deficiency Thyrod function Test & Adrenal function tests	AN 19.4,5,6,7 Arches of Foot	Histology Revision Block I and II	AN 15.1-20.2 Revision lower limb
11AM-1 PM	SPORTS/YOGA	Histology - suprarenal gland, revision (A) Histology lab	PY 10.11 CNS Examination- Motor system	ECE*- Early Clinical Exposure: Lecture/Case Based Learning	PY 8.2,8.4(HI-BI) Case 8 Introduction – Diabetes mellitus		ECA: Music/Drama/Dance/Painting



ESI-PGIMSR & ESIC MEDICAL COLLEGE

ESIC Hospital & ODC (EZ)

Diamond Harbour Road, P.O. Joka, Kolkata – 700104

BLOCK II BATCH 2019-2020

LOWER LIMB, ENDOCRINOLOGY & CARBOHYDRATE METABOLISM, CALCIUM, PHOSPHORUS & VITAMIN D

				11am-2pm OBGY/Peds	Functions of Insulin & Glucagon – I		
2 PM-4 PM	AN16.1,2 Gluteal region, Nerves, IM Injection, Trendelenburg Sign PY 8.2,8.4 Seminar on Thyroid disorders	ECE PY 11.6,11.9,11.10 Infancy, growth chart(Paediatrics) AN Bones of Lower Limb	ECE PY 11.6,11.9,11.10 Infancy, growth chart(Paediatrics) AN Bones of Lower Limb	SPORTS	AN 19.1.-7 Back of Leg, popliteal Fossa, Arches of Foot PY 10.11 CNS Examination- Motor System BI 3.10 (VI-IM) Biochemistry Charts	AN 19.1.-7 Back of Leg, popliteal Fossa, Arches of Foot PY 10.11 CNS Examination- Motor System BI 3.10 (VI-IM) Biochemistry Charts	AN 19.1.-7 Back of Leg, popliteal Fossa, Arches of Foot PY 10.11 CNS Examination- Motor System BI 3.10 (VI-IM) Biochemistry Charts



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LOWER LIMB, ENDOCRINOLOGY & CARBOHYDRATE METABOLISM, CALCIUM, PHOSPHORUS & VITAMIN D

Time	Day 22 12.12.19 Thurs	Day 23 13.12.19 Fri	Day 24 14.12.19 Sat
8 AM-9 AM	Anatomy SDL	BI 11.17 Case resolution 8 – small group Diabetes Mellitus	Self study
9 AM-10 AM	Case 10 Introduction Varicose Veins Sole	Physiology Revision	Physiology Revision
10 AM-11 AM	PY 8.5,11.5 Obesity, metabolic syndrome	Com Med SDL	Com Med SDL
11 AM-1 PM	Case 10 Large Group Case Resolution (Varicose Veins) Lymphatic drainage and venous drainage of lower limb	ECE PY 8.2 Case resolution 7 – small group (Panhypopituitarism)	AN Revision PY revision BI Revision
2 PM-4 PM	AN Revision PY revision BI Revision	AN Revision PY revision BI Revision	

Second IA: 16.12.2019 - 21.12.2019



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BLOCK III BATCH 2019-2020

HEAD NECK, BRAIN, EMBRYOLOGY, METABOLISM, MINERAL, VITAMIN

Time	Day 1 23.12.19 Mon	Day 2 24.12.19 Tues	Day 3 2.1.20 Thurs	Day 4 3.1.20 Fri	Day 5 4.1.20 Sat	Day 6 6.1.20 Mon	Day 7 7.1.20 Tues
8-9	AN56.1,2 & Gen Medicine Describe & identify various layers of meninges with its extent & Modifications, circulation of CSF with its applied anatomy	PY 10.1 (HI-AN) Organization of nervous system	PY 3.1(HI-AN) Neuron and neuroglia ,NGF	AETCOM Module 1.3 Part 1: Tutorial /Small Group Discussion	CM 8.2 Introduction, causes of cerebrovascular diseases, epidemiology& control measures	AN 58.1,58.2 Medulla - I (A)	PY 10.2(HI-AN) Synapse (P)
9-10	ECE-PY Neurology as a specialty (General Medicine)	BI 4.2 (VI-IM) Fatty acid synthesis, acyl glycerol, lipid storage disorders	AN 57.1-57.5 (VI-SU) Case 11 Intro (Brown Sequard syndrome) Spinal cord		ECE*- Early Clinical Exposure: Lecture/Case Based Learning 9am-1pm OBGY/Peds	PY 10.2(HI-AN) Introduction Receptor, generator potential & properties (P)	BI 6.5(VI-IM) Vitamins Biotin, pantothenic acid
10-11	AN57.1,2 Identify external features of spinal cord, extent in child & adult with its clinical implication AN57.3 Draw & label transverse section of spinal cord at mid-cervical & midthoracic level	AN 57.1-57.5,64.1 Spinal Cord Histology	PY 3.2,3.3 (VI-IM) Classification of Nerve, Nerve Injury, Wallerian degeneration	AN57.4,5 Enumerate ascending & descending tracts at mid thoracic level of spinal Cord, anatomical basis of syringomyelia		AN 59.1-59.3 Pons	AN 58.3,58.4 Medulla – II (A)



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HEAD NECK, BRAIN, EMBRYOLOGY, METABOLISM, MINERAL, VITAMIN

11-1	ECE BI 4.2 (VI-IM) Case 12 Resolution (Mal absorption syndrome) Digestion & absorption of lipids	AN 57.1-57.5,64.1 Spinal Cord Histology		SPY 10.11(HI-AN) Examination of superficial reflexes		BI 6.5 (VIIM) Vitamin C	AN 58.1- 58.4,64.1 Medulla, Pons Histology
2-4	AN57.1,2 Identify external features of spinal cord, extent in child & adult with its clinical implication PY 10.11(HI-AN) Examination of superficial reflexes	AN57.1,2 Identify external features of spinal cord, extent in child & adult with its clinical implication PY 10.11(HI-AN) Examination of superficial reflexes	AN57.1,2 Identify external features of spinal cord, extent in child & adult with its clinical implication PY 10.11(HI-AN) Examination of superficial reflexes	Community Med Tutorials	ECA: Drama/Dance/Painting/Music	AN 58.1- 58.4,64.1 Medulla, Pons Dissection	AN 58.1- 58.4,64.1 Medulla, Pons Dissection



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HEAD NECK, BRAIN, EMBRYOLOGY, METABOLISM, MINERAL, VITAMIN

Time	Day 8 8.1.20 Wed	Day 9 9.1.20 Thurs	Day10 10.1.20 Fri	Day 11 11.1.20 Sat	Day 12 13.1.20 Mon	Day 13 14.1.20 Tues	Day 14 15.1.20 Wed
8-9	Anatomy SDL	PY 10.2(HI-AN) Reflexes – I	AN 63.1(HI-PY) Fourth ventricle	AN 62.2(HI – PY,VI-IM) Case-14 Intro- Hemiplegia- Cerebrum Isulci and gyri	AN 62.2 Cerebrum	PY 10.7(HI-AN, VI-PS) Cerebellum – I	PY 10.7(HI-AN, VI-PS) Cerebellum - II (P)
9-10	Biochemistry Tutorials	AN 64.2,64.3(VIOG, PE) Embryology- Development of Brain	PY 10.4(HI-AN) Spinal cord – I Descending tracts		PY 10.3 (HI-AN) Spinal cord – II Ascending tracts	BI 4.2(VI-IM) Fatty acid oxidation – all types (B)	Anatomy embryology tutorials
10-11	AN 61.1-61.3 Mid Brain (A)	PY 10.2(HI-AN) Reflexes- II	AN 62.2 Cerebellum	BI 11.15 CSF	AN 62.2(HI – PY,VI-IM) Cerebrum II	AN 64.2 Histology cerebrum and cerebellum	PY 10.5(HI-AN) Brain stem - reticular formation, ARAS
11-1	ECE*- Early Clinical Exposure: Lecture/Case Based Learning 11am-2pm OBGY/Peds	PY 10.11(HIAN) Examination of deep reflexes	PY 10.6(HI-AN) Spinal Cord – III Transection of spinal cord (Complete/ Hemi)	ECE AN 60.1- 60.3(HIPY, VI-IM) Case 13 Intro (Cerebellar disease) Cerebellum	PY 10.6(HI-AN) Spinal Cord – III Transection of spinal cord (Complete/ Hemi)		ECE*- Early Clinical Exposure: Lecture/Case Based Learning 11am-2pm OBGY/Peds
2-4	AN 61.1-61.3,64.1 Mid Brain Dissection / Histology (All 100 Students)	Anatomy Dissection Revision- Spinal cord, Medulla, Midbrain, Pons (All 100 students)	AN 62.2, 63.1 Cerebellum and 4 th ventricle (All 100 students)		AN 62.2(VI- IM,HIPY) Cerebrum PY 10.11(HI-AN) Examination of deep reflexes	SPORTS	AN 62.2(VI- IM,HIPY) Cerebrum PY 10.11(HI-AN) Examination of deep reflexes



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HEAD NECK, BRAIN, EMBRYOLOGY, METABOLISM, MINERAL, VITAMIN

Time	Day 15 16.1.20 Thurs	Day 16 17.1.20 Fri	Day 17 18.1.20 Sat	Day18 20.1.20 Mon	Day 19 21.1.20 Tues	Day 20 22.1.20 Wed	Day 21 23.1.20 Thurs
8 AM-9 AM	PY 10.5(HI-AN) Brain stem - reticular formation, ARAS	AN 62.5(HIPY, VI-IM) Thalamus	Com Med SDL	AN 62.3(VI-IM,HI-PY) White matter I	PY 10.7(HI-AN,VIPS) Limbic system	CM 8.3-8.5 Non communicable disease national health programme	PY 10.4(HI-AN) Posture, Equilibrium & Vestibular Apparatus
9 AM-10 AM	AN 63.1,63.2(HIPY) Lateral Ventricle	PY 10.7(HI-AN, VI-PS) Cerebral cortex - II	PY 10.7(HIAN, VI-PS) Thalamus (P)	PY 10.7(HI-AN) CSF BBB, CVO	BI 4.3(VI-IM) Metabolism of cholesterol, bile acids, enterohepatic circulation	PY 10.9 (VI-PS) Learning and memory,speech	AN 62.3(VI-IM,HI-PY) White matter II
10 AM-11 AM	PY 10.7(HI-AN, VI-PS) Cerebral cortex -I AN 63.1,63.2(HIPY) Lateral	AN 62.2,64.1(HIPY, VI-IM) Inter peduncular fossa / Review of brainstem histology	AN 63.1,63.2(HIPY) Lateral Ventricle (All 100 students)	AN64.2 Embryology- Development of Brain	Community medicine tutorials	ECE*- Early Clinical Exposure: Lecture/Case Based Learning 10am-1pm OBGY/Peds	BI 4.1,4.6(VI-IM) Phospholipids & Eicosanoids
11AM-1 PM	PY 10.11(HI-AN) Examination of deep reflexes	PY 10.11(HI-AN) Examination of deep reflexes		AN 62.5(HIPY, VI-IM) Thalamus dissection			Anatomy Osteology tutorials (All 100 students in SGD)
2 PM-4 PM	Anatomy tutorials- Osteology	Anatomy tutorials- Osteology	SPORTS	PY 10.11(HI-AN) Cerebellar function test (All 100 students)	BI 3.9,11.17 (VIPA, IM) Metabolism of ketone Bodies (All 100 students)	AN 62.2(VI-IM,HIPY) Coronal and sectional anatomy brain (All 100 students)	AN 62.2 Surface Marking & Radiology (All 100 students in SGD)



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Time	Day 22 24.1.20 Fri	Day 23 25.1.20 Sat	Day 24 28.1.20 Tues	Day 25 29.1.20 Wed	Day 26 30.1.20 Thurs	Day 27 31.1.20 Fri	Day 28 1.2.20 Sat
8 AM-9 AM	BI 6.9,6.10(HIPY, VI-IM) Minerals	AETCOM 1.3 Part 2: Small Group Teaching	PY 10.3(HI-AN) Pain & Analgesic system (P)	BI 4.3(VI-IM) Metabolism of HDL, dyslipoproteinemias & Fatty Liver	PY 10.7(HI-AN,VI-PS) Hypothalamus I	BI 4.3(VI-IM) Metabolism of chylomicrons and VLDL (All 100 students)	PY 10.8 ,10.12(VI-PS) EEG, sleep
9 AM-10 AM	PY 10.5 (HI-AN) Autonomic nervous system		BI-6.5(VI-IM) Vitamin E and selenium	PY 10.6 Seminar on Hemi section of spinal cord	AN 64.2,64.3(VIOG, PE) Embryology- Development of Brain		AN 62.4(HI-PY) Case 15 Introduction (PD) Basal ganglia
10 AM-11 AM	AN 26.3,26.7 Osteology revision		AITo- head injury		PY 10.7(HI-AN,VI-PS) Hypothalamus II	AN 63.1,63.2 Third ventricle	
11AM-1 PM	PY 10.1-10.12 Physiology Charts	Physiology Tutorial (All 100 students in SGD)		ECE*- Early Clinical Exposure: Lecture/Case Based Learning 11am-2pm OBGY/Peds		AN 63.1,63.2 Third ventricle- Practical (All 100 students)	BI 11.9 Estimation of HDL (All 100 students)
2 PM-4 PM	AN 62.2(VI-IM,HI-PY) Coronal and sectional anatomy brain (All 100 students)	PY 10.11(HI-AN) Examination of cranial nerves I-VI (All 100 students)	BI 4.7,11.17(VIIM, PA) Biochemistry Charts (All 100 Students)	PY 10.11(HI-AN) Cerebellar function Test (All 100 students)	Community Medicine Tutorial (All 100 students)	BI 11.9 Estimation of Total Cholesterol (All 100 students)	



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Time	Day 29 3.2.20 Mon	Day30 4.2.20 Tues	Day 31 5.2.20 Wed	Day 32 6.2.20 Thurs	Day 33 7.2.20 Fri	Day 34 8.2.20 Sat	Day 35 10.2.20 Mon
8 AM-9 AM	AN 62.6(VI-IM,HI-PY) Arterial supply to Brain (A)	PY 5.10(VI-IM) Cerebral circulation and regulation (P)	PY 10.11(HI-AN) Examination of cranial nerves I-VI	PY 10.17(VI-OP) Photo receptor Mechanism visual cycle and Light & Dark adaptation	AN 28.1-28.8 Face – Muscles, Cutaneous nerves & Vessels	AN 32.1,32.2 Anterior triangle & its subdivisions Diaphragm muscle mylohyoid muscle (A)	AN 35.1-35.4 Carotid sheath – ECA, IJV (A)
9 AM-10 AM	PY 10.7(HI-AN,VI-PS) Basal ganglia I (P)	BI 11.17(VI-IM,PA) Cardiac biomarkers		AN 43.4 (VI-PE) Embryology of Head and Neck Pharyngeal arch arteries	Physiology revision CNS	Biochemistry Practical Revision	PY 10.17(VI-OP) Vision – Eye ball, structure of retina, receptors, Aq. humor protective mechanism
10 AM-11 AM	AN 62.6(VI-IM,HI-PY) Venous Drainage of Brain	Histology revision	AN 43.4 (I-PE) Embryology of head and neck	ECE AN 27.1,27.2 (VI-SU) Introduction of Case 15 - Xerophthalmia Head, Neck & Scalp	AN 29.1-29.4 Posterior triangle – E J.V Sterno cleidomastoid muscle, Cr. Plexus	AN 42.1-42.3 Sub-occipital triangle & contents of vertebral canal	AN 32.1,32.2 Introduction of case 16 - Bell's Palsy; Carotid and muscular triangle, ansa cervicalis
11AM-1 PM	AN 62.4(HI-PY) Basal ganglia (All 100 students) Practical		ECE Cases 11,13,14 Resolution (Small groups)		PY 10.11(HI-AN) Examination of cranial nerves (7-12)	AN 27.1,27.2 Dissection – Scalp & Face (A) (All 100 students)	Anatomy Tutorial Test(full batch)
2PM-4PM	PY 10.11(HI-AN) Examination of cranial nerves I-VI (All 100 students) Practical)	AN 62.4(HI-PY) Basal ganglia (All 100 students) Practical)	Biochemistry Tutorials (All 100 Students)	SPORTS	AN 62.6 Blood Supply of Brain BI 4.1,4.6 (All 100 students) Practical		PY 10.11(HI-AN) Examination of cranial nerves (7-12)



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BLOCK III BATCH 2019-2020

HEAD NECK, BRAIN, EMBRYOLOGY, METABOLISM, MINERAL, VITAMIN

Time	Day 50 27.2.20 Thurs	Day51 28.2.20 Fri	Day 52 29.2.20 Sat	Day 53 2.3.20 Mon	Day 47 3.3.20 Tues	Day 48 4.3.20 Wed	Day 49 5.3.20 Thurs
8 AM-9 AM	AN 36.1-36.3 Pharynx – I (A)	AN 35.10 Fascia coli, Fascial spaces of neck (A)	AN 39.1,39.2 Tongue – (A)	AN 39.1,39.2 Lymphatic drainage of head & neck (A)	PY 10.13,10.14(VIEN) Physiology of Smell & Taste(P)	PY 10.13,10.14(VIEN) Physiology of Smell & Taste(P)	Biochemistry Practical OSPE
9 AM-10 AM	AN 36.4,36.5 Pharynx – II (A)	AN 36.1-36.4(VI-EN) Palatine tonsil(A)	AN 35.3,35.4 Cervical plexus, accessory nerve (A)	AN 37.1(VI-EN) Nasal Cavity (A)	AN 38.1 Larynx - I	ECE AN 40.1,40.2 Introduction of Case	
10 AM-11 AM	AN 36.2 Oral cavity Waldeyer's lymphatic ring, auditory tube(A)	PY 10.11 OSPE-CNS	AN 39.1,39.2 Dissection of Tongue	AN 37.2,37.3(VI- EN) Paranasal air sinuses (A)	AN 38.2,38.3 Larynx – II (A)	17 Congenital deafness- External and middle Ear (A)	PY 10.15(VI-EN) External &middle ear functions, Functional anatomy of cochlea /organ of corti.(P)
11AM-1 PM	AN 35.3,35.4 Dissection of subclavian artery, IJV, Styloid apparatus (A)			AN 37.2,37.3(VIEN) Dissection of nasal cavity & paranasal air sinuses (A)	AN 38.1-38.3 Dissection of Larynx (A)	ECE*- Early Clinical Exposure: Lecture/Case Based Learning 11am-2pm OBGY/Peds	PY 10.15(VI-EN) Transmission of sound waves, mech of hearing pitch, sound localization (P)
2PM-4PM	AN 36.1-36.5 Dissection – pharynx	Anatomy Osteology	Anatomy Osteology	Anatomy OSPE	SPORTS	Anatomy Revision	Physiology SDL



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Time	Day 50 6.3.20 Fri	Day51 7.3.20 Sat
8 AM- 9 AM	AN 40.3 Internal Ear (A)	BI 6.5 Xerophthalmia (Student Seminar)
9 AM- 10 AM	ECE PY 10.16 Congenital deafness - Case resolution (Small Group)	
10 AM-11 AM		
11AM- 1 PM	S211 PY 10.15,10.16,10.19(VI- EN) Auditory pathway, auditory centre, deafness, audiogram, AEP	Com Med SDL
2PM- 4PM	S210A Surface anatomy and radiology	

Third IA: 9.3.2020 - 14.3.2020



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BLOCK IV BATCH 2019-2020

Thorax, Cardiovascular, Genetics, GIT, Hepatobiliary, Reproductive, Renal Systems

Time	Day 1 16.3.20 Mon	Day 2 17.3.20 Tues	Day 3 18.3.20 Wed	Day 4 19.3.20 Thurs	Day 5 20.3.20 Fri	Day 6 21.3.20 Sat
8-9AM	AN21.3= Thoracic Cavity [Lecture]	Py6.1Fn anatomy of Resp system	AN 21.10= Thoracic Joints	Com Med	AN 21.8, 10= Thoracic Joints(2)	AN 6.2 Mechanics of respiration
9-10AM	BI 3.1 Metabolism of Carbohydrate	AN 21.5= Typical Intercostal nerve	PY5.1 Fn anatomy of heart & pacemaker ts	BI3.5Regulation and Integration of Carb Met	BI 3.6 Concept of TCA Cycle	AN 21.9= Mechanics & Types of Respiration
10-11AM	AN21.1= Sternum, Rib [Practical]	AN21.1= Sternum, Ribs [Tutorial]	SGT/Tutorial- 3 batches (Ana/Phy/Bio)	ECE Ana	SGT/Tutorial- 3 batches (Ana/Phy/Bio)	AN21.2= Ribs, Vertebra [Practical]
11AM-1PM	SGT/Tutorial- 3 batches (Ana/Phy/Bio)	SGT/Tutorial- 3 batches (Ana/Phy/Bio)	ECE*- Early Clinical Exposure: Lecture/Case Based Learning 11am-2pm Med/Surg	AN 21.8= Thoracic Joints	AN21.2= Ribs, Vertebra [Practical]	SDL Anatomy, Physiology, Biochemistry
2-4PM	SGT Anatomy, Physiology, Biochemistry	SGT Anatomy, Physiology, Biochemistry	SGT Anatomy, Physiology, Biochemistry	SPORTS	SGT Anatomy, Physiology, Biochemistry	AN 21.4= Intercostal space



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Thorax, Cardiovascular, Genetics, GIT, Hepatobiliary, Reproductive, Renal Systems

Time	Day 7 23.3.20 Mon	Day 8 24.3.20 Tues	Day 9 25.3.20 Wed	Day 10 26.3.20 Thurs	Day 11 27.3.20 Fri	Day 12 28.3.20 Sat
8-9AM	AN 21.11= Mediastinum	BI 3.8 Lab Interpretation lab results of Carb. met	AETCOM/ Professional Development	AN 25.2= Development of Pleura, pericardium, lungs [1]	AN21.6,7= Intercostal nerve & vessel	Com Med
9-10AM	Anat and Physio 5.2 Properties of cardiac muscles: seminar	Anat 6.2 Mechanics of respiration		BI 4.6 Prostanoids with therapeu.role	Anat 6.2 Mechanics of respiration	AN 25.3= Foetal circulation
10-11AM	ECE Ana	BI 4.5 interpre. Of lab results lipid met	5.2 Properties of cardiac muscles	AN 22.1= Pericardium	AN 25.2= Development of heart [2]	AN 25.2= Development of heart [3]
11AM-1PM	SGT/Tutorial3 batches (Ana/Phy/Bio)	SGT/Tutorial3 batches (Ana/Phy/Bio)	ECE*- Early Clinical Exposure: Lecture/Case Based Learning 11am-2pm Med/Surg	SGT/Tutorial3 batches (Ana/Phy/Bio)	SGT/Tutorial3 batches (Ana/Phy/Bio)	AN 25.2= Development of heart [4]
2-4PM	SGT Physio	ECA: Music/Drama/Dance	AN 21.4= Intercostal space [Dissec]	SDL Biochemistry	SGT Physiology	



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Time	Day 13 30.3.20 Mon	Day 14 31.3.20 Tues	Day 15 1.4.20 Wed	Day 16 2.4.20 Thurs	Day 17 3.4.20 Fri	Day 18 4.4.20 Sat
8-9AM	AN 23.1= Mediastenum, Esophagus [1]	BI5.1 Struc.org. of Protein	Com Med	AN23.2,7= Thoracic duct, lymphatics	AN 23.5, 24.4= Thoracic splanchnic nerves, Phrenic Nerve	AN 23.6= Thoracic sympathetic chain
9-10AM	Anat 5.2 Properties of cardiac muscles	Anat 6.2 Mechanics of respiration	AN 23.2,4= Mediastenum- [2]	BI6.1 Biochem of Fed/Fastingstate	PY6.3 Transport of respiratory gases	PY5.4 Conduction of Cardiac impulse
10-11AM	ECE Ana	BI5.5 Lab analytes in Protein Met	PY5.4 Conduction of Cardiac impulse	AN 24.2 = Lungs	BI6.2 Nucleotide Met	AN 22.6 fibrous skeleton of heart
11AM-1PM	SGT/Tutorial- 3 batches (Ana/Phy/Bio)	SGT/Tutorial- 3 batches (Ana/Phy/Bio)	ECE*- Early Clinical Exposure: Lecture/Case Based Learning 11am-2pm Med/Surg	AN 23.2,4,24.2 = Lungs, Mediastinum	AN 22.2 Heart Ext feature	PY5.4 &.5.5 Abnormal ECG, Heart block, Myocardial Infarction
2-4PM	SPORTS	AETCOM / Professional Development including Ethics	Anat Osteology	Anat Osteology	AN 22.3, 22.4&22.5 Coronary circulation &IHD	



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Time	Day 19 6.4.20 Mon	Day 20 7.4.20 Tues	Day 21 8.4.20 Wed	Day 22 9.4.20 Thurs	Day 23 10.4.20 Fri	Day 24 11.4.20 Sat
8-9AM	BI 6.3 Dis.of Nucleotide Met.	PY5.3 Cardiac Cycle	SDL Anatomy	Py6.5 Physiology of deep sea diving, decompression sickness	PY5.7 Haemodynamics	Com Med
9-10AM	PY6.4 Physiology of high altitude acclimatization	AN 22.7 Conducting system of heart	AN 24.1 Pleura	An 24.2 Microanatomy of lung	BI 7.2 Replication	PY5.7 Haemodynamics
10-11AM	AN 22.2 Heart Int.feature AN	BI7.1 Structural org. of DNA	ECE*- Early Clinical Exposure: Lecture/Case Based Learning 10am-1pm Med/Surg	BI7.1 Structural org. of DNA	AN 24.5 Blood supply and nerve supply of lungs	AN 24.6 Trachea
11AM-1PM	SGT/Tutorial- 3 batches (Ana/Phy/Bio)	SGT/Tutorial- 3 batches (Ana/Phy/Bio)		ECE Ana	PY6.6 Pathophysiology of hypoxia, Oxygen therapy	AN 50.1 Vertebral column, General, Lumbar
2-4PM	AETCOM/ Professional	AN 25.7 ,8, 9 Xray	SGT Physiology	AN 24.3 BP segment	SPORTS	



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Thorax, Cardiovascular, Genetics, GIT, Hepatobiliary, Reproductive, Renal Systems

	Development including Ethics	Barium swallow, surface marking				
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Time	Day 25 13.4.20 Mon	14.4.20 Tues	Day 26 15.4.20 Wed	Day 27 16.4.20 Thurs	Day 28 17.4.20 Fri	Day 29 18.4.20 Sat
		Holiday				
8-9AM	AN 25.2 Dev. Of Lungs, pleura & heart(1) ``		BI 7.2 Replication	PY6.5 Principles of artificial respiration	AN 25.2 Dev. Of Lungs, pleura & heart(5)	BI 7.2 Transcription
9-10AM	PY6.6Dyspnoea, drowning, periodic breathing, cyanosis asphyxia		ECE Physiology	AN 25.2 Dev. Of Lungs, pleura & heart(4)	ECE Biochemistry	PY6.7 Principles of Lung function test & interpretation
10-11AM	AN 25.2 Dev. Of Lungs ,pleura & heart(2)		AN 25.2 Dev. Of Lungs , pleura & heart(3)	BI 7.2 Transcription	Com Med Tutorial	AN 25.3 Foetal Circulation
11AM-1PM	SGT Tutorial Anatomy/ Physiology / Biochemistry		ECE*- Early Clinical Exposure: Lecture/Case Based Learning 11am-2pm Med/Surg	AN 50.2Sacrum & pelvis	SGT Tutorial Anatomy/ Physiology / Biochemistry	AN 50.3 Articulated Pelvis & sites of lumbar puncture



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BLOCK IV BATCH 2019-2020

Thorax, Cardiovascular, Genetics, GIT, Hepatobiliary, Reproductive, Renal Systems

2-4PM	SGT Anatomy, Physiology, Biochemistry		AN 25.2 Dev. Of Lungs ,pleura & heart	SPORTS	SDL Anatomy	
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Time	Day 30 20.4.20 Mon	Day 31 21.4.20 Tues	Day 32 22.4.20 Wed	Day 33 23.4.20 Thurs	Day 34 24.4.20 Fri	Day 35 25.4.20 Sat
8-9AM	AN 25.4 ASD etc	BI 7.2 Translation	PY9 Regulation of HR & CO, Control of respiration	AN 25.6 Aortic Arch dev.(3)	AN 25.6 Coronary sinus dev.(4)	PY6.6 Dyspnoea, cyanosis, Respiratory failure
9-10AM	PY9 Regulation of HR & CO	AN 25.6 svc ivc dev.(1)	BI 7.2 DNA Repair	BI 7.3 Gene Mutation	PY5.8 Cardiovascular regulatory mech.	
10-11AM	AN 25.5 Cong. Anomalies	AN 25.6 Aortic Arch dev.(2)	ECE*- Early Clinical Exposure: Lecture/Case Based Learning 10am-1pm Med/Surg	AN 44.3 Rectus Sheath	AN 44.4 Inguinal Canal	BI 7.3 Reg. of Gene Expression
11AM-1PM	SGT/Tutorial- 3 batches (Ana/Phy/Bio)	ECE Ana		Com Med Integrated Teaching	AETCOM/ Professional Development including Ethics	Com Med Integrated Teaching
2-4PM	SPORTS	SGT/Tutorial- 3 batches (Ana/Phy/Bio)	SGT/Tutorial- 3 batches (Ana/Phy/Bio)	AN 44.1 Planes of Abdomen	AN 44.5 Inguinal Hernia	



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BLOCK IV BATCH 2019-2020

Thorax, Cardiovascular, Genetics, GIT, Hepatobiliary, Reproductive, Renal Systems

Time	Day 36 27.4.20 Mon	Day 37 28.4.20 Tues	Day 38 29.4.20 Wed	Day 39 30.4.20 Thurs	Day 40 1.5.20 Fri	Day 41 2.5.20 Sat
8-9AM	AN 45.2 Lumbar plexus & post. Abdominal wall	PY5.9 Regulation of BP	BI 7.4 Recombinant Technique	AN 47.2 Peritoneal fold and pouches	PY4.2 Comp, secretion, function & regulation of Saliva & Gastric juice	BI 7.4 Recombinant Technique
9-10AM	PY4.1 Structure & characteristics of GI wall & neural control of GI function	BI 7.4 Recombinant Technique	PY4.2 Comp, secretion, function & regulation of Saliva & Gastric juice	PY5.9 Regulation of BP	AN 47.8 Portal vein formation course tributaries	AN 47.8 Renal vein IVC
10-11AM	BI 7.3 Reg. of Gene Expression	AN 45.2 Lumbar plexus & post. Abdominal wall	AN 47.1 Greater sac lesser sac	AN 47.5 liver	SDL Anatomy	SDL Physiology
11AM-1PM	AN 47.5 Major abdominal viscera in situ	AN 45.2 ,47.9 Lumbar plexus & post. Abdominal wall	ECE*- Early Clinical Exposure: Lecture/Case Based Learning 11am-2pm Med/Surg	Com Med Tutorial	AN 47.5 liver Practical	SGT/Tutorial- 3 batches (Ana/Phy/Bio)



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BLOCK IV BATCH 2019-2020

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2-4PM	AETCOM/ Professional Development	SPORTS	AETCOM/Professional Development including Ethics	SDL- 3 batches (Ana/Phy/Bio)	SDL- 3 batches (Ana/Phy/Bio)	
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Time	Day 42 4.5.20 Mon	Day 43 5.5.20 Tues	Day 44 6.5.20 Wed	Day 45 7.5.20 Thurs	Day 46 8.5.20 Fri	Day 47 9.5.20 Sat
8-9AM	AN 47.10 Portocaval Shunt and Anastomosis	PY4.2 Comp., secretion, funct. & regulation of Pancreatic & intestinal juices	AN 47.5 DPS 1	AN 47.5 DPS 2	AN 47.14 Diaphragmatic hernia	Comm.Med Tutorial
9-10AM	PY5,10 Regional circulation	AN 47.5 stomach	Comm med Tutorial	BI 7.6 Antioxidant	AN 47.13 Thoracoabdominal Diaphragm	AN 47.5 small gut
10-11AM	BI 7.4 PCR and Application	BI7.5 Role of Xenobiotics	ECE*- Early Clinical Exposure: Lecture/Case Based Learning 10am-1pm Med/Surg	AN 47.13 Thoracoabdominal Diaphragm		
11AM-1PM	ECE Ana	SDL Anatomy		SGT/Tutorial- 3 batches (Ana/Phy/Bio)	SGT/Tutorial- 3 batches (Ana/Phy/Bio)	SGT/Tutorial- 3 batches (Ana/Phy/Bio)
2-4PM	AN 47.11 Portal hypertension-	SPORTS	SDL Anatomy/ Physiology/Biochemistry	AETCOM/Professional Development including Ethics	SDL Anatomy/ Physiology/Biochemistry	SDL Anatomy/ Physiology/Biochemistry



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BLOCK IV BATCH 2019-2020

Thorax, Cardiovascular, Genetics, GIT, Hepatobiliary, Reproductive, Renal Systems

Hematemesis & Caput Medusae						
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Time	Day 48 11.5.20 Mon	Day 49 12.5.20 Tues	Day 50 13.5.20 Wed	Day 51 14.5.20 Thurs	Day 52 15.5.20 Fri	Day 53 16.5.20 Sat
8-9AM	AN 52.6 Development of GI	PY5,10 Regional circulation	Comm.Med Immunization	BI 7.7 Oxidative Stress	AN 47.5 rectum anal canal	Comm.Med Tutorial
9-10AM	PY4.7 Structure &function of Liver, bile & gall bladder	BI 7.6 Antioxidant	AN 52.6 Development of GI	PY4.5 Source, function & regulation of GI hormones	PY5.11 Shock, syncope	AN 47.5 kidney
10-11AM	AN 47.5 large gut	AN 52.6 Development of GI	ECE*- Early Clinical Exposure: Lecture/Case Based Learning 10am-1pm Med/Surg	AN 47.5 caecum appendix	AN 52.6 Development of GI	PY4.9 PTIC ULCER DISEASE, Vomiting Diarrhoea, Hirschprung's ds
11AM-1PM	AN 47.5 large & small gut	SDLPhysiology		PY5.11 Pathophysiology of Heart failure	PY4.5 Source, function & regulation of GI hormones	SGT Anatomy/ Physiology / Biochemistry



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2-4PM	SPORTS	AETCOM/Professional Development including Ethics	AN 53.3 True and false pelvis	SDL Anatomy/Physiology/Biochemistry	SDL Anatomy/Physiology/Biochemistry	
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Time	Day 54 18.5.20 Mon	Day 55 19.5.20 Tues	Day 56 20.5.20 Wed	Day 57 21.5.20 Thurs	Day 58 22.5.20 Fri	Day 59 23.5.20 Sat
8-9AM	AN 49.1-49.4 Perineum and etc	BI 8.1 Dietary Components of Nutrition	Comm.Med Lecture: Immunization	PY4.3 GI movement & its regulation	AN 48.4 Sacral Plexus	Comm.Med Tutorial
9-10AM	PY4.3 GI movement & its regulation	PY9.1 Sex differentiation & determination	BI 8.2 Types and causes of PEM	AN 49.1-49.4 Perineum and etc	BI9.1 Component of ECM	BI8.4 + BI 8.5 Obesity and Nutrition. Imp. Of Veg. and Fruits
10-11AM	AN 46.2, Epididymis and penis	SDL Physiology	ECE*- Early Clinical Exposure: Lecture/Case Based Learning 10am-1pm Med/Surg	BI8.3 Diet in DM, CAD, Pregnancy	AN 52.7 Urinary Sys. Dev	PY9.1 Sex differentiation & determination
11AM-1PM	SDL Anatomy	AN 46.3 Epididymis and penis		AN 47.5 Male composite	AN 47.5 Female composite	AN 47.5 Female composite
2-4PM	SPORTS	AETCOM/Professional Development including Ethics	AN 52.7 Urinary Sys. Dev	SPORTS	AETCOM/Professional Development including Ethics	



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Thorax, Cardiovascular, Genetics, GIT, Hepatobiliary, Reproductive, Renal Systems

Time	Day 60 25.5.20 Mon	Day 61 26.5.20 Tues	Day 62 27.5.20 Wed	Day 63 28.5.20 Thurs	Day 64 29.5.20 Fri	Day 65 30.5.20 Sat
8-9AM	AN 52.7 Urinary Sys. Dev	AN 55.2 SM Abdomen	PY\$3 Defecation reflex & role of dietary fibres	BI9.3Protein targetting and sorting	PY4.8 Pancreatic & liver function test & Jaundice	Comm.Med.Tutorial
9-10AM	PY4.6 Gut-Brain axis	BI9.2 ECM in Health and Diseases	AN 52.8 Reproductive system dev.	PY9.3 Structural organisation of male reproductive system	BI 10.1 Oncogenesis	PY9.3 Steps of Spermatogenesis
10-11AM	AN 55.1 SM Abdomen	AN 52.8 Reproductive system dev.	ECE*- Early Clinical Exposure: Lecture/Case Based	Comm.Med.Lecture: Immunization	AN 52.8 Reproductive system dev.	AN 52.8 Reproductive system dev.
11AM-1PM	AN 14.1 hip bone 1	AN 14.1 hip bone 2	Learning 10am-1pm Med/Surg	AN 54.2 Contrast Xray Abdomen	AN 54.2 Contrast Xray Abdomen	AN 54.2 Contrast Xray Abdomen
2-4PM	SPORTS	AETCOM/Professional Development including Ethics	AN 14.1 Femur patella 1	AN 14.1 tibia	AN 14.1 Articulated Foot	



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Time	Day 66 1.6.20 Mon	Day 67 2.6.20 Tues	Day 68 3.6.20 Wed	Day 69 4.6.20 Thurs	Day 70 5.6.20 Fri	Day 71 6.6.20 Sat
8-9AM	SDL Anatomy	PY9.3 Action & fate of male gonadal hormone	BI 10.3+BI 10.4 Components of Immune Sys and Innate and Adaptive Immunity	PY9.3 Abnormalities of Male reproductive System	PY7.4 GFR, its measure, concept of clearance	Comm.Med.Tutorial
9-10AM	PY7.1 Functional anatomy of kidney	AN 15.1 nerves etc ant thigh femoral sheath	PY7.1 functional anatomy of kidney including peculiarities & measurement of renal circulation	BI 10.5 Antigens and Vaccine Dev.	B16.11 Porphyrin Metabolism and Related Disorder	BI16.14 Function Tests involving Kidney, Liver, Thyroid and Adrenal Glands
10-11AM	BI 10.1 Oncogenesis	BI10.2 Tumour Marker and Cancer Therapy	AN 15.1 nerves etc ant thigh femoral sheath	AN 15.3 femoral triangle, hernia	PY9.4 Structural organisation Female reproductive system	PY7.4 GFR, its measure, concept of clearance
11AM-1PM	AN 14.1 fibula	AN 14.3 Ossification lower femur upper tibia	ECE*- Early Clinical Exposure: Lecture/Case Based Learning 11am-2pm Med/Surg	AN 15.1,2 Anterior thigh and muscles etc ant thigh-	AN 15.2, 15.3,5 Femoral Triangle, Adductor Canal	AN 15.5 gluteal region



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2-4PM	AETCOM/Professional Development including Ethics	PY9.8 Pregnancy & related problems	SPORTS	AETCOM/Professional Development including Ethics	AN 15.5 Adductor canal	
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Time	Day 72 8.6.20 Mon	Day 73 9.6.20 Tues	Day 74 10.6.20 Wed	Day 75 11.6.20 Thurs	Day 76 12.6.20 Fri	Day 77 13.6.20 Sat
8-9AM	AN 16.2 sciatic nerve in back of thigh	PY9.4 Function, secretion & regulation of ovarian hormones	SDL Biochemistry	Comm Med Integrated Teaching	SDL Biochemistry	Comm Med Integrated Teaching
9-10AM	PY7.2 JG ApparatusTG Feedback, Renin-Ag system	AN 18.4 knee joint	PY9.8 Fert, implantation, pregnancy changes placenta, fetopl unit.	AN 19.3 peripheral heart	PY9.8 Pregnancy, Lactation, Pregnancy changes	SDL Physiology
10-11AM	AN 15.5 gluteal region	PY7.3 Mechanism of formation of urine - tubular function	ECE*- Early Clinical Exposure: Lecture/Case Based Learning 10am-1pm Med/Surg	PY7.3 Mechanism of formation of urine - tubular function	AN 18.5 knee joint locking unlocking	ECE Anat
11AM-1PM	AN 15.5, 17.2, 3 gluteal region, fracture neck femur hip replacement	AN 16.6, 18.4 knee joint popliteal fossa, knee joint		ECE Anat	AN 18.1 A/I compt. Leg	AN 19.1 back of leg



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2-4PM	SPORTS	AN 16.4,16.5 back of thigh	SPORTS	AETCOM/Professional Development including Ethics	SDL Physiology	
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Time	Day 78 15.6.20 Mon	Day 79 16.6.20 Tues	Day 80 17.6.20 Wed	Day 81 18.6.20 Thurs	Day 82 19.6.20 Fri	Day 83 20.6.20 Sat
8-9AM	SDL Anatomy	PY 9.6,7 Contraception & effect of removal of Gonads	AN 20.3 Veins of Lower limb	PY 7.3 Mechanism of concentrating & diluting urine	PY 7.4 Regulation of Acid Base balance	Comm.Med.Small Group Teaching
9-10AM	PY 7.3 Mechanism of formation of urine- tubular function	AN 20.1 Ankle Joint	PY 7.4 Regulation of fluid electrolyte balance	ECE Anat	AN 20.3 Dermatomes, Veins of Lower Limb	AN 20.9 Important bony landmarks inf
10-11AM	AN 19.6 Arch of Foot	PY 7.3 Mechanism of formation of urine- tubular function	AN 20.3 Lymphatics of lower limb	AN 20.5 Varicose vein and DVT		AN 20.2 Subtalar and transverse tarsal joint
11AM-1PM	AN 20.7 surface marking infex	SDL Biochemistry	ECE*- Early Clinical Exposure: Lecture/Case Based Learning 11am-2pm Med/Surg	SGT Tutorial- 3 batches- Anat/Physio/Biochem	SGT Tutorial- 3 batches- Anat/Physio/Biochem	SGT Tutorial- 3 batches- Anat/Physio/Biochem



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2-4PM	AETCOM/Professional Development including ethics	SDL Physiology	SPORTS	AETCOM / Professional Development including ethics: SDL	SDL Biochemistry	
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Time	Day 84 22.6.20 Mon	Day 85 23.6.20 Tues	Day 86 24.6.20 Wed	Day 87 25.6.20 Thurs	Day 88 26.6.20 Fri	Day 89 27.6.20 Sat
8-9AM	ECE Anatomy	ECE Physiology	PY 7.7 Artificial kidney, Dialysis, Renal Transplant	SDL Anatomy	PY 7.7 Artificial kidney, Dialysis, Renal Transplant	Comm.Med.
9-10AM	PY 7.6 innervation of Bladder, Micturition reflex, abnormalities	SDL Anatomy	SDL Anatomy	PY 7.7 Artificial kidney, Dialysis, Renal Transplant.		PY 7.8,9 Renal function test, cystometry, cystometrogram
10-11AM	SDL Biochemistry	PY 7.6 innervation of Bladder, Micturition reflex, abnormalities	SDL Biochemistry	SDL Anatomy		SDL Physiology
11AM-1PM	SGT Tutorial- 3 batches- Anat/Physio/Biochem	SGT Tutorial- 3 batches- Anat/Physio/Biochem	ECE*- Early Clinical Exposure: Lecture/Case Based Learning 11am-2pm Med/Surg	SGT Tutorial- 3 batches- Anat/Physio/Biochem	SGT Tutorial- 3 batches- Anat/Physio/Biochem Canal	SGT Tutorial- 3 batches- Anat/Physio/Biochem



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2-4PM	AETCOM/Professional Development including Ethics: SDL	SPORTS	SPORTS	SPORTS	SGT Tutorial- 3 batches- Anat/Physio/Biochem
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Revision Anatomy , Physiology, Biochemistry : July 2020

3rd Internal Assessment Part B: 3rd August – 8th August 2020

Revision Anatomy, Physiology, Biochemistry: 10th August 2020 onwards

1. and 2. Early Clinical Exposure: 3 Hours duration : Total 99 Hours (9 Hours Revision and 90 Hours Lecture/Case Based Learning Sessions): 3 Hours each session for Medicine / Surgery/ObGy/Pediatrics as mentioned in the schedule
3. SPORTS/YOGA/ECA(MUSIC/DRAMA/PAINTING/DANCE): Total- 60 Hours
4. And 6. Subjects for SDL mentioned consistently

SDL Anatomy	SDL Physiology	SDL Biochemistry	SDL Community Medicine
40 Hours	25 Hours	20 Hours	5 Hours

5. Professional Development including Ethics/AETCOM: Total 52 Hours: 48 Hours Small Group Teaching/Integrated learning/ Tutorials, 4 Hours: SDL
7. Teaching Learning methods mentioned in each Block
8. Total Hours calculation

Total Hours Anatomy Theory	Total Hours Anatomy Practical	Total Hours Anatomy SDL	Total Hours Anatomy	Total Hours Physiology Theory	Total Hours Physiology Practical	Total Hours Physiology SDL	Total Hours Physiology	Total Hours Biochemistry Theory	Total Hours Biochemistry Practical	Total Hours Biochemistry SDL	Total Hours Biochemistry	Total Hours Com Med Theory	Total Hours Com Med Practical	Total Hours Com Med SDL	Total Hours Com Med
225	475	40	740	170	320	25	515	90	151	20	261	22	30	5	57

9. FC: 8 Hours Community Medicine mentioned