

BLOCK-1 BATCH 2019-20

GENERAL ANATOMY & UPPER LIMB, GENERAL 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	Day 7 09.09.19 Mon	Day 8 11.09.19 Wed
9-10am	AN 1.1 Terminologies in Anatomy Lecture Hall: 4	PY 1.2 Homeostasis & its Disturbances	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	BI 3.1 Carbohydrates – Importance, Classification, Monosaccharides	AETCOM Module 1.4	BI 3.1 Reactions of Monosaccharides & Disaccharides	PY 1.5 Transport across the cell
10-12am	AN 76.1,76.2 Embryology / First Introduction	AN 77.1 to 77.6 Embryology / First Week of Human development	BI 11.1 Commonly used lab equipments, safety, waste disposal	AN 65.1, 65.2, 66.1, 66.2 Basic tissues Histology of connective tissue	BI 11.6 Colorimetry and spectro photometry		Histology Basic tissues- Bone & cartilage (A)	AN 10.1 to 10.2 Gross Anatomy Axilla I
12-1noon	AN 75.1 to 75.5 Case I Intro-Down's Syndrome: Cell division, inheritance & applied genetics	BI 1.1 (HI-PY 1.1) Structure & functions of the cell & sub-cellular organelles	AN 79.1 to 79.6 Embryology Third week of Human Development	AN 7.1 to 7.8 Nervous system: Central Nervous system	AN 7.1 to 7.8 Nervous system: Peripheral Nervous system		AN 6.1 to 6.3 Lymphatic System	AN 9.2 Pectoral Region - II
1.30-2.30pm	AN 65.1,65.2 Introduction to Microscope Epithelium	AN 78.1 to 78.5 Embryology – Second Week of Human Development	AN 2.1 to 2.6 Bone and Joint	PY 1.6 (HI-BI) Body fluid compartments	AN 5.1 to 5.8 Blood vessels(A)	CM 2.1 Clinco social, cultural, demographic assessment of individual/family community	AN 9.1 Introduction to upper limb- Pectoral region-I	PY 2.11 Microscope & Hemocytometer Hematology lab
2.30-5pm	AETCOM Module 1.5 Part 1 Oa:ch taking	AN 4.1 Composition of Human body – Basic structure	AN 3.1- 3.3(HI-PY) Muscular system	AN 13.1 to 13.7 Introduction to Osteology , Embryology, Surface marking, Histology, Radiological anatomy	AN 9.1 Dissection of Pectoral region	Community medicine tutorials	AN 9.2 Dissection Pectoral region	AN 75.1 Case I Resolution – Down's Syndrome: (Small Group)

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Time	Day 9 12.09.19 Thurs	Day 10 13.09.19 Fri	Day 11 14.09.19 Sat	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	Day 18 23.09.19 Mon	Day 19 24.09.19 Tue	Day 20 25.09.19 Wed
9-10am	AN 10.3 Axilla - II	ECE AN 10.5,10.6 Case2 Resolution - Thoracic outlet syndrome Large Group: LH	AETCOM 1.4 Part II	BI 5.1 Proteins – Definition, Importance & Classification	BI 5.1, 11.16, 11.19 Amino acids, classification, reactions, chromatography	PY 3.4, 3.6(VI- AS, PA) Case4 Introduction MG NMJ & Transmission	ECE – Hospital visit	AN 10.12(VI- SU) Shoulder joint	AETCOM 1.4 Part II	AN 11.5.11.6 Cubital fossa	PY 3.10, 3.12(VI-IM) Types & grades of muscle contraction	CM 8.1.8.3 Definition & Global burden of anemia
10-12am	BI 11.16 Observe auto analyser and use of QC	AN 65.1.65.2 Introduction to microscope		PY 3.8.1.8 Bioelectric Potential AP / RMP	PY 3.14 Ergography	BI 5.1 Proteins – structure Isoelectric pH, Denaturation, sequencing		PY 11.13 General Examination Revision		AN 67.1-67.3 Histology Basic tissues Muscles	PY 3.14 Ergography Revision	Biochemistry Tutorials
12-1pm	AN 79.1 to 79.6 Embryology 4th – 8th Weeks	BI 3.1 Carbohydrate – polysaccharides	PY 3.5, 3.6(VI-AS, PH, PA) Drugs acting at NMJ & MG	PY 11.13 General Examination	PY 3.8,3.13, 3.17 (VI-IM, HI –AN) properties of muscle , SDC	AN 11.1-11.4 Gross Anatomy Arm		BI 4.1(VI-IM) Lipids – Classification & Fatty acid reactions	PY 3.5, 3.6(VI-AS, PH, PA) Drugs acting at NMJ & MG	BI 4.1 (VI-IM) Lipids – phospholipids, cholesterol, lipoproteins	PY 3.9 Molecular basis of smooth muscle contraction	Physiology Revision(GP & Muscle)
1.30 – 2.30pm	AN 10.5, 10.6 Case2 Introduction Thoracic outlet syndrome Brachial plexus	AN 10.10 to 10.13 Gross Anatomy Scapular region	ECE PY 3.6 Case 4 Resolution: Myasthenia gravis Large Group	PY 3.7, 3.13 (VI-IM, HI –AN) Case3 Introduction DMD : Structure of muscle and proteins	AN 10.10 Gross Anatomy Deltoid region	AN 67.1-67.3 Histology Basic tissues Nervous tissues	CM 2.2 Socio cultural factors, family types, roll in health & disease	ECE PY 3.6 Case 4 Resolution: Myasthenia gravis Large Group	ECE PY 3.6 Case 4 Resolution: Myasthenia gravis Large Group	PY 3.9 Molecular basis of skeletal muscle contraction	PY 3.11, 3.15(HI-BI) Changes during muscle contraction & Exercise Metabolism	AN 12.1.12.2 Front of forearm
2.30-5 pm	AN 10.3 Dissection – Axilla - I	AN 10.3 – 10.13 Dissection – Axilla - II		Physiology Tutorial	AN 10.3-10.13 Dissection: Brachial plexus	AN 11.1,11.2 Dissection Scapular region	AN 11.1.11.2 Dissection Deltoid region	Physiology Tutorials		AN 11.1-11.3 Dissection Arm	AN 10.12 Dissection - Shoulder joint	AN 11.5 Dissection - Cubital fossa

Xxxxxx Prof 30/09/19

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Time	Day 21 26.09.19 Thurs	Day 22 27.09.19 Fri	Day 23 30.09.19 Mon	Day 24 16.10.19 Wed	Day 25 17.10.19 Thurs	Day 26 18.10.19 Fri	Day 27 19.10.19 Sat
9-10am	Physiology Revision(GP & Muscle)	PY 2.1, 2.2(HI-BI) Case 5 Introduction: Aplastic Anemia Components of blood, Plasma proteins	BI 5.2, 6.12(HI-PY, VI-PA,IM) Structure & function of Hb & Myoglobin	BI 6.5 (VI-IM) Vitamins B12 & Folic acid	AN 12.2 Radial Nerve and Radial Artery	ECE	AETCOM 1.1-Part-II
10-12 am	Biochemistry Tutorials	PY 2.11(VI-PA) RBC Count	PY 2.12(VI-PA) Hb, PCV and blood indices	PY 2.12, 2.13(VI-PA) Reticulocyte count/Osmotic Fragility	Community Medicine Tutorials		
12-1pm	CM 8.1,8.3 Definition & Global burden of anemia	PY 2.4 Structure and functions of RBC Erythropoiesis -I	BI 5.2, 6.12(HI-PY, VI-PA,IM) Abnormal Hb – its genetic basis	AN 13.3 Elbow joint & anastomosis	AETCOM 1.1- Part I Exploratory Session		
1.30-2.30pm	AN 12.1,12.2 Front of forearm	AN 12.11,12.12 Back of forearm(A)	PY 2.4 Erythropoiesis -II	BI 6.9,6.10 (HI-PY,VI-IM) Iron metabolism	CM 8.3 Prevention of anaemia	AN 12.2 Nerves and Vessels of Forearm	BI 2.1 Enzymes- classification. coenzymes
2.30-5pm	AN 11.5 Dissection - Cubital fossa	AN 12.1,12.2 Dissection forearm	AN 12.1,12.2 Dissection forearm	PY 3.18 Charts(GP & Muscle)	AN 13.3-13.5 Dissection of elbow joint & other joints of Upper Limb	AITo - Anaemia	Physiology Tutorials

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Time	Day 28 21.10.19 Mon	Day 29 22.10.19 Tues	Day 30 23.10.19 Wed	Day 31 24.10.19 Thurs	Day 32 25.10.19 Fri	Day 33 26.10.19 Sat	Day 34 31.10.19 Mon
9-10am	CM 2.3 Barriers of good health & health seeking behavior	AN 12.3-12.6 Case 6 introduction: Carpal Tunnel Syndrome Palm I	AN 13.5,13.6 Osteology & Radiological Anatomy	BI.2.5,11,17 (VI-PA,IM) Isoenzymes, Enzymes of clinical importance	AN 12.12-12.15 dorsum of hand	BI 10.3(VI-OG, SU, PA) Immunoglobulins & Electrophoresis	BI 6.5 (VI-IM) Vitamins – riboflavin & Niacin
10-12 am	PY 2.12(VI-PA) ESR & Revision	BI 2.2.11.13 Est of SGOT,SGPT	PY 2.11(VI-PA) TLC	BI 2.7 (VI-PA,IM) Biochemistry charts	PY 2.11(VI-PA) DLC	Biochemistry tutorials	PY 2.11 Blood Group
12-1 pm	AN 13.3,13.4 Other joints of upper limb	BI 2.4 (VI-PA,IM) Enzyme inhibition	BI 2.6 (VI-PA,IM) Enzyme regulation	PY 2.6 WBC leucopoiesis & functions	AN 13.5,13.6 Osteology & Radiological Anatomy	BI10.3,10.4,10.5 (HI-PY, VI-OG, MI, SU,PA,IM,PE) Immune response & vaccine	PY2.8 (VI-PA) Hemostasis Anticoagulants Disorders
1:30-2:30 pm	BI.2.3 Enzymes-kinetics, mechanism, factors affecting enzyme activity	AN 12.7-12.12 Palm II	AN 12.12-12.15 Palm - III Case Resolution 6: Carpal Tunnel Syndrome(Large Group)	PY2.10 Cellular Immunity	PY 2.10 Humoral Immunity	PY 2.7 Platelets synthesis and function	AN 80.1-80.7 Embryology Placenta and Fetal membranes
2:30-5 pm	Anatomy Tutorials	AN 12.3-12.12 Dissection of palm	Physiology Tutorial	AN 12.12-12.15 Dissection Palm – II	AN 12.12-12.15 Dissection of dorsum of hand	AN 13.5,13.6 Surface Anatomy of upper limb	Anatomy Tutorial

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		Day 35 1.11.19 Fri	Day 36 4.11.19 Mon	Day 37 5.11.19 Tues	Day 38 6.11.19 Weds	First IA 7.11.2019 to 16.11.2019
Time	ECE		AETCOM 1.1 Part III	BI 6.2 Reactions involving nucleotides	Biochemistry Theory Revision/SDL	
	9-10am			AN 70.1,70.2 Histology of Lymphoid organs (A)	PY 2.11,2.13 (VI-PA) BT/CT & Platelet Count	
	10-12noon		AN 10.4,11.3 Veins & lymphatics of upper limb	Physiology- Blood SDL	Anatomy Revision/SDL	
	12-1pm					
	1.30-2.30 pm	BI6.5 (VI-IM) Vitamins K & Thiamin	PY2.9 (VI-PA) Blood group I	PY2.9 (VI-PA) Blood group II	AN 13.1-13.7 Osteology & Radiological Anatomy	
	2.30-5pm	AN 13.6 Surface Anatomy of upper limb	PY 2.8 (VI-PA) Seminar – Coagulation disorders	PY 2.5 (VI-PA; HI-BI) Case 5 Resolution : Aplastic Anemia	Anatomy dissection revision/SDL	

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