

PT. JAWAHAR LAL NEHRU GOVT MEDICAL COLLEGE CHAMBA

TIME TABLE - M.B.B.S. PHASE - 1, BATCH 2020 -21

☐ ANATOMY ☐ PHYSIOLOGY ☐ BIOCHEMISTRY ☐ COMMUNITY MEDICINE ☐ SPORTS ☐ AETCOM ☐ HORIZONTAL ☐ VERTICAL ☐ ECE

SUMMARY OF THE TEACHING HOURS



PT JAWAHARLAL NEHRU

GOVT MEDICAL COLLEGE

CMBE TIME TABLE

MBBS PHASE 1

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ANATOMY
PHYSIOLOGY

BIOCHEMISTRY

COMMUNITY
MEDICINE

SPORTS

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☐	☐

AETCOM

HORIZONTAL INTEGRATION

VERTICAL INTEGRATION

ECE (EARLY CLINICAL
EXPOSURE)

Dr. Sanjan Katyal
Dr. Sanjan Katyal
Professor & Head
Department of Biochemistry
Pt. J.L.N.G.M.C.H. Chamba

SUMMARY OF THE TEACHING HOURS

SUBJECT	TOTAL HOURS INCLUSIVE ECE	THEORY	PRACTICAL	SDL
ANATOMY	675	220	415	40
PHYSIOLOGY	495	160	310	25
BIOCHEMISTRY	250	80	150	20
EARLY CLINICAL EXPOSURE	*90			
COMMUNITY MEDICINE	52	20	27	5
EXAMINATION	80			
AETCOM	48			0
SPORTS	60			
TOTAL	1750			

SUBJECT	TOTAL HOURS INCLUSIVE ECE	THEORY	PRACTICAL	SDL	ECE
ANATOMY					
PHYSIOLOGY					
BIOCHEMISTRY					
EARLY CLINICAL EXPOSURE					
COMMUNITY MEDICINE					
EXAMINATION					
AETCOM					
SPORTS					
TOTAL					

- Early clinical exposure- The ninety hours of ECE are equally distributed among Anatomy, Physiology and Biochemistry.
- ** Sports-Due to the limitations of the teaching hours, 40 hours of sports have been extended beyond teaching hours i.e. one hour per week for forty weeks.
- The new system of curricular delivery is aimed at contextual learning and converting teacher centric to learner centric education system which is going to make learning an intense experience for the student.

Ranjan Katyal
 Dr. Ranjan Katyal
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(WEEK - 1)

DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM		2 PM - 4 PM	4 PM - 5 PM
Tuesday 02.02.21	Introductory Speech by Principal, Introduction of faculty of 1st YEAR MBBS	Anti-Ragging Rules & Regulation by Member Secretary of AntiRagging Committee	Hostel Rules By Warden PTA formation	lunch	Orientation of College Campus and Hospital in four batches	Orientation of Anatomy dept, Physiology dept, Biochemistry dept, Community Medicine dept
WEDNESDAY 03.02.21	LEC. AN1.1, AN1.2 (ANATOMICAL TERMINOLOGY) INTRODUCTION TO ANATOMY	BI 1.1 LEC. MOLECULAR AND FUNCTIONAL ORGANIZATION OF A CELL & IT'S SUBCELLULAR COMPONENT	LECTURE INTRODUCTION TO PHYSIOLOGY		DOAP PY 2 INTRODUCTION TO MICROSCOPY (BATCH A) SGT BI 11.1 Biomedical Waste Management (Batch B)	FC

Manjan Katyal

Dr. Manjan Katyal
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DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 12 NOON	12 PM- 1 PM	2 PM – 4 PM	4 PM - 5 PM
THURSDAY 04.02.21	LECTURE PY2.2 Plasma Proteins	AN2.1-2.4 LECTURE - GENERAL FEATURES OF BONE AND CARTILAGE	DOAP – CADAVERIC OATH (BATCH A) DOAP. AN1.1, AN1.2 (ANATOMICAL TERMINOLOGY) INTRODUCTION TO ANATOMY (BATCH B)		DOAP PY 2 INTRODUCTION TO MICROSCOPY (BATCH B)	FC
					SGT BI 11.1 Biomedical Waste Management (Batch A)	FC
FRIDAY 05.02.2021	BI 1.1 LECTURE FLUID MOSAIC MODEL OF CELL MEMBRANE	LEC,SGD CM1.1 CONCEPT OF PUBLIC HEALTH	DOAP – CADAVERIC OATH (BATCH B) DOAP. AN1.1, AN1.2 (ANATOMICAL TERMINOLOGY) INTRODUCTION TO ANATOMY (BATCH A)		AETCOM module 5: The cadaver as our first teacher Session 1 Introductory lecture All faculties Department of Anatomy	FC
SATURDAY 06.02.2021	FC	FC	FC		FC	
SUNDAY 07.02.2021	Holiday					

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(WEEK - 2)

DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM	4 PM - 5 PM
MONDAY 08.02.2021	LECTURE PY2.1 Composition & functions of blood components	LECTURE AN15.1-15.3 INTRODUCTION TO LOWER LIMB AND FRONT OF THIGH (1)	SGD; DOAP - AN4.1-4.5; AN15.1-15.3 SKIN AND FACIA; INTRODUCTION TO LOWER LIMB AND FRONT OF THIGH (1) (BATCH A) DOAP- GENERAL FEATURES OF BONE AND CARTILAGE - AN2.1 -2.4) (BATCH B)	ECE - AN. OBSERVE BONE INJURIES (HOSPITAL SETTING)	3-5PM SPORTS
TUESDAY 09.02.2021	LECTURE AN 2.5-2.6 JOINTS	LECTURE PY 1.6 Body Fluids (1)	DOAP, AN2.1 -2.4 (GENERAL FEATURES OF BONE AND CATILAGE (BATCH A)	DOAP, PY 2 MICROSCOPE COMMON OBJECTS (BATCH A)	FC
			SGD, DOAP, AN4.1- 4.5; AN15.1-15.3 SKIN FACIA; INTRODUCTION TO LOWER LIMB AND FRONT OF THIGH (1) (BATCH B)	SGD 11.1 Introduction: Biochemistry lab; lab equipments and apparatus. (Batch B)	FC
WEDNESDAY 10.02.2021	LECTURE AN15.4-15.5 FRONT OF THIGH (2)	BI 3.1 SGD CLASSIFICATION OF CARBOHYDRATES. ROLE OF CARBOHYDRATES	LECTURE; SGD PY1.2 Homeostasis (1)	DOAP, PY 2 MICROSCOPE COMMON OBJECTS (BATCH B)	FC
				SGD BI 11.1 Introduction: Biochemistry lab; lab equipments and apparatus. (Batch A)	FC
THURSDAY 11.02.2021	LEC. PY 1.6 BODY FLUIDS (2)	LECTURE AN3.1 - 3.3) MUSCLE	DOAP; SGD AN15.4-15.5 FRONT OF THIGH (2) (BATCH A) DOAP AN 14.1-14.2 HIP BONE (BATCH B)	AETCOM module 5: The cadaver as our first teacher Session 2: Small group discussion All faculties Department of Anatomy	FC

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DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM – 4 PM	4 PM - 5 PM
FRIDAY 12.02.2021	LEC.BI3.3 DESCRIBE & DISCUSS THE DIGESTION, ASSIMILATION OF CARBOHYDRATES FROM FOOD.	LEC, SGD CM1.2 CONCEPT OF HEALTH & DETERMINANTS OF HEALTH CM1.7 HEALTH INDICATORS	DOAP; SGD AN15.4-15.5 FRONT OF THIGH (2) (BATCH B) DOAP AN 14.1-14.2 HIP BONE (BATCH A)	SDL BATCH A AN3.1-3.3 MUSCLE SDL BATCH B AN 2.5-2.6 JOINTS	FC
SATURDAY 13.02.2021	ECE Biochemistry Basic Science Correlation: Diagnostic Enzymes in MI	Lecture PY 1.2 Homeostasis (2)	AETCOM MODULE 1.2 BIOCHEMISTRY What does it mean to be a patient Exploratory session SDL BI 13.2 Describe the processes involved in digestion and assimilation of carbohydrates and storage B1 13.3. Describe and discuss the digestion and assimilation of carbohydrates from food	FC	
SUNDAY 14.02.2021	HOLIDAY				

Signature

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Week 3

DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM	4 - 5 PM
MONDAY 15.02.2021	LECTURE PY 1.1 Structure and functions of a mammalian cell(1)	LEC. AN7.1-7.8NERVOUS TISSUE	SDL BATCH B AN3.1-3.3 MUSCLE SDL BATCH A AN2.5-2.6 JOINTS	ECE – AN. OBSERVE MUSCLE DYSTROPHIES (PHOTOGRAPHS, VIDEO)	3-5PM SPORTS
TUESDAY 16.02.2021	LECTURE AN 15.1-15.2 MEDIAL SIDE OF THIGH	LECTURE PY 1.1Structure and functions of a mammalian cell (2)	DOAP, AN15.1-15.2 MEDIAL SIDE OF THIGH (BATCH A) SGD, (BATCH B) AN 7.1-7.8 NERVOUS TISSUE	DOAP,PY COLLECTION OF BLOOD SAMPLE (BATCHA)	FC
				BI 11.3 PRACTICAL CHEMICAL COMPONENTS OF NORMAL URINE. (BATCHB)	FC
WEDNESDAY 17.02.2021	LECTURE AN 5.1-5.4 CARDIOVASCULAR SYSTEM 1	BI 3.4 LECTURE PATHWAYS OF CARBOHYDRATE METABOLISM: (GLYCOLYSIS)	LECTURE PY 2.3 Hemoglobin (Synthesis, Structure, breakdown) (1)	DOAP,PY 2 COLLECTION OF BLOOD SAMPLE (BATCHB)	FC
				BI 11.3 PRACTICAL CHEMICAL COMPONENTS OF NORMAL URINE. (BATCHA)	FC
THURSDAY 18.02.2021	LECTURE PY 2.3 Hemoglobin (Synthesis, Structure, breakdown) (2)	LEC - AN65.1 (EPITHELIUM HISTOLOGY) (1)	DOAP, AN15.1-15.2 MEDIAL SIDE OF THIGH (BATCH B) SGD, (BATCH A) AN 7.1-7.8 NERVOUS TISSUE	AETCOM MODULE1.1 Physiology What does it mean to be a doctor (Panel discussion)	FC

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DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM – 4 PM	4 PM - 5 PM
FRIDAY 19.02.2021	BI3.4 LEC. PATHWAYS OF CARBOHYDRATE METABOLISM: (GLUCONEOGENESIS)	LEC.CM1.3, CM1.4 CONCEPT OF DISEASE, EPIDEMIOLOGICAL TRIAD AND NATURAL HISTORY OF DISEASE	DOAP AN65.1 (EPITHELIUM HISTOLOGY) (1) INTRODUCTION TO MICROSCOPE(HIS) (BATCH A) DOAP AN 14.1-14.3 FEMUR (BATCH B)	DOAP AN65.1 (EPITHELIUM HISTOLOGY) (1) INTRODUCTION TO MICROSCOPE(HIS) (BATCH B) DOAP AN 14.1-14.3 FEMUR (BATCH A)	FC
SATURDAY 20.02.2021	Early Clinical Exposure PY 3.13 Myopathies Dept of Physiology HI- Anatomy VI- General medicine	LECTURE PY 1.6 PLASMA PROTEINS	Early Clinical Exposure – Anatomy AN 4.1,4.2,4.5,72.1 1 Basic science correlation With Dermatology to expose the students to observe various types of skin lesions on AV aids	FC	
SUNDAY 21.02.2021	HOLIDAY				

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Week 4

DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM	4 - 5 PM
MONDAY 22.02.2021	LECTURE PY 2.4 RBC (Shape and structure)	LEC AN5.5- 5.8 CARDIOVASCULAR SYSTEM (2)	SGD AN 5.1-5.4 CVS (1) BATCH A SDG AN 5.5- 5.8 CVS (2) BACTCH B	Early Clinical Exposure PY 1.6, 1.7 Topic: Abnormalities of body fluids	3-5PM SPORTS
TUESDAY 23.02.2021	LECTURE AN 6.1-6.3 LYMPHATIC SYSTEM	LEC PY 2.4 RBC (Erythropoiesis)	SGD AN 5.1-5.4 CVS (1) BATCH B SDG AN 5.5- 5.8 CVS (2) BACTCH A	DOAP,PY 2.11 HAEMPCYTOETRY (BATCHA)	FC
				BI 11.4 SGD, PRAC URINE ANALYSIS TO ESTIMATE AND DETERMINE NORMAL AND ABNORMAL CONSTITUENTS	FC
WEDNESDAY 24.02.2021	LEC AN 16.1-16.2 GLUTEAL REGION (1)	BI 3.4 LECTURE PATHWAYS OF CARBOHYDRATE METABOLISM: (GLYCOGENESIS AND (GLYCOGENOLYSIS)) VI GM	Lecture, SGD PY 2.5 JAUNDICE (1) HI BI	DOAP,PY 2.11 HAEMOCYTOETRY (BATCHB)	FC
				BI 11.4 SGD PRAC URINE ANALYSIS TO ESTIMATE AND DETERMINE NORMAL AND ABNORMAL CONSTITUENTS	FC
THURSDAY 25.02.2021	LEC. PY 2.5 JAUNDICE (2) HI BI	LEC AN 65.2 (EPITHELIUM HISTOLOGY)- [EPITHELIUM- II] (HIS)	DOAP AN 16.1-16.2 GLUTEAL REGION (1) BATCH A SDL - AN 14.1-14.3 HIP BONE AND FEMUR (BATCH B)	AETCOM MODULE1.1 Physiology What does it mean to be a doctor SDL	FC

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DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM	4 PM - 5 PM
FRIDAY 26.02.2021	BI 3.6 LECTURE TCA CYCLE AND ITS REGULATION VI GM	SGD CM1.5 LEVELS OF PREVENTION AND MODES OF INTERVENTIONS	DOAP -AN-65.2 (EPITHELIUM HISTOLOGY)- [EPITHELIUM- II] (HIS.) (BATCH A) SDL - AN 14.1-14.3 HIP BONE AND FEMUR	DOAP -AN-65.2 (EPITHELIUM HISTOLOGY)- [EPITHELIUM- II] (HIS.) (BATCH B) SDL - AN 14.1-14.3 HIP BONE AND FEMUR (BATCH A)	FC
SATURDAY 27.02.2021	HOLIDAY				
SUNDAY 28.02.2021	HOLIDAY				

Ranjan Katyal

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Week 5

DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM	4 - 5 PM
MONDAY 01.03.2021	LEC PY 1.6 Body Fluids	FORMATIVE ASSESSMENT GENERAL ANATOMY		DOAP PY 2.11 HB ESTIMATION BATCH A	3-5PM SPORTS
				SDL PY 1.1-1.2 CELL AND HAEMOSTASIS BATCH B	
TUESDAY 02.03.2021	LEC AN16.3-16.4 GLUTEAL REGION (2)	LEC PY 2.2 PLASMA PROTEINS CLINICAL	DOAP LEC AN16.3-16.4 GLUTEAL REGION (2) BATCH A	DOAP, PY 2.11 RBC INDICES (BATCH A)	FC
			DOAP AN 16.1-16.2 GLUTEAL REGION (1) (BATCH B)	DOAP BI11.20 Identify abnormal constituents in urine, interpret the findings and correlate with pathological states. (BATCH-B)	FC
WEDNESDAY 03.03.2021	LEC AN 16.5.16.6 BACK OF THIGH AND POPLITEAL FOSSA	BI 3.4 LECTURE PATHWAYS OF CARBOHYDRATE METABOLISM: HMP SHUNT VI GM	DOAP PY 2.11 HB ESTIMATION BATCH B	DOAP, PY 2.11 RBC INDICES (BATCH B)	FC
			SDL PY 1.1-1.2 CELL AND HAEMOSTASIS	DOAP BI11.20 Identify abnormal constituents in urine, interpret the findings and correlate with pathological states. (BATCH-A)	FC
THURSDAY 04.03.2021	LEC PY 1.5 Transport across cell membrane	LEC AN 66.1-66.2 CONNECTIVE TISSUES	DOAP LEC AN16.3-16.4 GLUTEAL REGION (2) BATCH B PRAC AN 66.1-66.2 CONNECTIVE TISSUES BATCH A	AETCOM MODULE 1.3 Physiology The doctor patient relationship – Large Group Session 1.3 Physiology The doctor patient relationship SDL	FC

Maya Kalyal
Dr. Maya Kalyal
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DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM – 4 PM	4 PM - 5 PM
FRIDAY 05.03.2021	BI 3.4 LECTURE PATHWAYS OF CARBOHYDRATE METABOLISM: GALACTOSE METABOLISM	LEC CM 17.1 CONCEPT OF HEALTH CARE	PRAC AN 66.1-66.2 CONNECTIVE TISSUES BATCH B DOAP AN 14.1-14.3 TIBIA BATCH A	DOAP AN 14.1-14.3 TIBIA BATCH A SDL AN 66.1-66.2 EPITHELIUM AND CONNECTIVE TISSUE	FC
SATURDAY 06.03.2021	ECE Biochemistry Clinical skills: Diabetes Mellitus VI- General medicine	LEC PY 2.5 ANEMIA	SDL BI3.9 Discuss the mechanism and significance of blood glucose regulation in health and diseases VI GM	FC	
SUNDAY 07.03.2021	HOLIDAY				

Rajendra Khatwal
 Dr. Rajendra Khatwal
 Professor & Head
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Week 6

DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM -1 PM	2 PM - 4 PM	4PM - 5 PM
MONDAY 08.03.2021	LEC PY 2.5 ANEMIA (2)	LEC AN 17.1-17.3 HIP JOINT	DOAP SGD PRAC -AN16.5,-16.6 BACK OF THIGH AND POPLITEAL FOSSA	DOAP PY 2.11 RBC COUNT BATCH A B SDL CARBOHYDRATE TUTORIAL BATCH B	3-5PM SPORTS
TUESDAY 09.03.2021	LEC. AN18.4-18.5 KNEE JOINT (1)	LEC. PY 1.5 TRANSPORT ACROSS THE CELL MEMBRANE	DOAP, SGD PRAC AN17.1-17.3 HIP JOINT	DOAP, PY 2.11 BLOOD GROUP (BATCH A) BI 11.5, BI 11.16 SGD PRAC SCREENING OF URINE FOR INBORN ERRORS & THE USE OF PAPER CHROMATOGRAPHY (Batch B) VI GM	FC FC
WEDNESDAY 10.03.2021	LEC AN 71.1 -71.2 HISTOLGY BONE AND CARTILAGE	SDL BI3.8 Discuss and interpret laboratory results of analytes associated with carbohydrate metabolism VI PATH, GM	DOAP PY 2.11 RBC COUNT BATCH B BATCH A SDL CARBOHYDRATE TUTORIAL	DOAP, PY 2.11 BLOOD GROUP (BATCH B) BI 11.5, BI 11.16 SGD PRAC SCREENING OF URINE FOR INBORN ERRORS & THE USE OF PAPER CHROMATOGRAPHY (Batch A) VI GM	FC FC
THURSDAY 11.03.2021	HOLIDAY				

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FRIDAY 12.03.2021	LEC SGD BI 3.5 DESCRIBE AND DISCUSS THE REGULATION FUNCTIONS AND INTREGRATION OF CARBOHYDRATE ALONG WITH ASSOCIATED DISORDERS VI GM	LEC SGD CM 17.2 COMMUNITY DIAGNOSIS	DOAP AN 14.1-14.2 FEBULA BATCH A DOAP AN 17.1-17.2 HISTOLGY BONE AND CARTILAGE BATCH B	DOAP AN 14.1-14.2 FEBULA BATCH B DOAP AN 17.1-17.2 HISTOLGY BONE AND CARTILAGE BATCH A	FC
SATURDAY 13.03.2021	ECE ANATOMY AN 20.3-5 Anatomical basis of varicose ulcers, varicose veins and trendelenburg test with charts, videos & PPT in class room	LEC PY 1.3 Intracellular Communications	SDL BI3.7 DESCRIBE THE COMMON POISONS THAT INHIBIT CRUCIAL ENZYMES OF CARBOHYDRATE METABOLISM HI PY	FC	
SUNDAY 14.02.2021	HOLIDAY				

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Week 7

DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM	4 - 5 PM
MONDAY 15.03.2021	LEC PY 1.3 Intracellular Communications	LEC AN 18.6 -18.7 KNEE JOINT (2)	DOAP SGD PRAC - AN 18.6 -18.7 KNEE JOINT	DOAP PY 2.11 WBC COUNT BATCH A SDL PY 2.5 JAUNDICE BATCH B	3-5PM SPORTS
TUESDAY 16.03.2021	LEC AN 18.1-18.3 FRONT OF LEG AND DORSAL OF FOOT	LEC PY 2.9 BLOOD TRANSFUSION	DOAP SGD PRAC AN 18.1-18.3 FRONT OF LEG AND DORSAL OF FOOT	DOAP PY 2.11 BT CT (Batch A)	FC
				BI 11.4 SGD / ECE URINE ANALYSIS TO ESTIMATE AND DETERMINE NORMAL AND ABNORMAL CONSTITUENTS	FC
WEDNESDAY 17.03.2021	LEC AN 19.1-19.4 BACK OF LEG AND LATERAL COMPARTMENT	LEC SGD BI 4.1 MAIN CLASSES OF LIPIDS AND RELAVANT TO HUMAN SYSTEM AND THEIR MAJOR FUNCTIONS VI GM	DOAP PY 2.11 WBC COUNT BATCH B SDL PY 2.5 JAUNDICE BATCH A	DOAP PY 2.11 BT CT (Batch B)	FC
				BI 11.4 SGD / ECE URINE ANALYSIS TO ESTIMATE AND DETERMINE NORMAL AND ABNORMAL CONSTITUENTS	FC
THURSDAY 18.03.2021	LEC PY 2.10 IMMUNITY	LEC AN 69.1-69.3 HISTOLOGY CIRCULATORY SYSTEM	DOAP SGD PRAC AN 19.1-19.4 BACK OF LEG AND LATERAL COMPARTMENT	AETCOM module 1: PY: What does it means to be a doctor? Session 4: Reflections of previous sessions	FC

Ranjan Katyal
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DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM – 4 PM	4 PM - 5 PM
FRIDAY 19.03.2021	LEC.BI 4.2 DESCRIBE THE PROCESSES INVOLVED IN DIGESTION AND ABSORPTION OF DIETARY LIPIDS AND ALSO THE KEY FEATURES OF THEIR METABOLISM VI GM	LEC, SGD CM 17.3 PRIMARY HEALTH CARE	DOAP AN 14.4 ARTICULATED FOOT, TALUS, CALCENEUM BATCH A DOAP AN 69.1-69.3 HISTOLOGY CIRCULATORY SYSTEM BATCH B	DOAP AN 14.4 ARTICULATED FOOT, TALUS, CALCENEUM BATCH B DOAP AN 69.1-69.3 HISTOLOGY CIRCULATORY SYSTEM BATCH A	FC
SATURDAY 20.03.2021	Early Clinical Exposure – Anatomy Clinical skills With orthopedics to discuss LOWER limb fractures and nerve injuries on a specified case venue- LT theatre	LEC PY 1.7 pH AND BUFFER	AETCOM module 5: The cadaver as our first teacher Session-3 Reflections, experience sharing Deptt of Anatomy	FC	
SUNDAY 21.03.2021	HOLIDAY				

Ranjan Katyal

Dr. Ranjan Katyal
Professor & Head
Department of Biochemistry

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☐ ANATOMY ☐ PHYSIOLOGY ☐ BIOCHEMISTRY ☐ COMMUNITY MEDICINE ☐ SPORTS ☐ AETCOM ☐ HORIZONTAL ☐ VERTICAL ☐ ECE

Week 8

DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM	4 - 5 PM
MONDAY 22.03.2021	LEC PY 2.10 IMMUNITY 2	LEC AN 20.1 ANKLE JOINT AND TIBIA FEBULAR JOINT	DOAP SGD PRAC AN 20.1 ANKLE JOINT AND TIBIA FEBULAR JOINT	SDL PRAC PY 2.11 WBC COUNT SDL PRAC PY 2.11 RBC COUNT	3-5PM SPORTS
TUESDAY 23.03.2021	LEC AN 19.1, 19.5-19.7 ARCHES OF FOOT	LEC PY 1.4 APOPTOSIS	DOAP SGD PRAC AN 19.1-19.2 SOLE OF FOOT	DOAP PY 2.11 PREPARATION OF BLOOD SMEAR BATCH A	FC
				FORMATIVE ASSESSMENT URINE ANALYSIS BATCH A	FC
WEDNESDAY 24.03.2021	LEC AN 20.3-20.5 VENOUS AND LYMPHATIC DRAINAGE OF LOWER LIMB	BI4.4 SGD STRUCTURE AND FUNCTIONS OF LIPOPROTEINS, THEIR FUNCTIONS, INTERRELATIONS & RELATIONS WITH ATHEROSCLEROSIS VI GM	FORMATIVE ASSESSMENT GENERAL PHYSIOLOGY	DOAP PY 2.11 PREPARATION OF BLOOD SMEAR BATCH B	FC
				FORMATIVE ASSESSMENT URINE ANALYSIS BATCH B	FC
THURSDAY 25.03.2021	LEC PY 2.10 IMMUNITY (3)	LEC AN 67.1-67.3 HISTOLOGY MUSCULAR SYSTEM	DOAP SGD AN 20.3-20.5 VENOUS AND LYMPHATIC DRAINAGE OF LOWER LIMB	AETCOM Module 1.2 BIOCHEMISTRY What does it mean to be a patient Small group discussion	FC

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DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM – 4 PM	4 PM - 5 PM
FRIDAY 26.03.2021	LEC BI4.3; 4.4 REGULATION OF LIPOPROTEIN METABOLISM AND ASSOCIATED DISORDERS CHOLESTEROL METABOLISM VI GM	LEC, SGD CM 17.4 NATIONAL POLICIES RELATED TO HEALTH and health planning and millennium development goals	DOAP, SGD AN 20.6- 20.9 RADIOLOGY AND SURFACE MARKING OF LOWER LIMB BATCH A DOAP SGD AN 67.1-67.3 HISTOLOGY MUSCULAR SYSTEM BATCH B	DOAP, SGD AN 20.6- 20.9 RADIOLOGY AND SURFACE MARKING OF LOWER LIMB BATCH B DOAP SGD AN 67.1-67.3 HISTOLOGY MUSCULAR SYSTEM BATCH A	FC
SATURDAY 27.03.2021	Early Clinical Exposure PY 2.5 Topic : Anaemia Deptt of Physiology Lecture theatre HI- Biochemistry VI- Pathology	LEC PY 2.6 WBC STRUCTURE AND FUNCTION	AETCOM Module1.2 BIOCHEMISTRY What does it mean to be a patient closure	FC	
SUNDAY 28.03.2021	HOLIDAY				

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Week 9

DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM – 4 PM	4AM - 5 PM
MONDAY 29.03.2021	HOLIDAY				
TUESDAY 30.03.2021	SDL AN 15.1-20.10 LOWER LIMB	LEC PY 2.6 WBC FORMATION	SDL AN 15.1- 20.10 LOWER LIMB	DEMO PY 2.12 OSMOTIC FRAGILITY BATCH A	FC
				BI 11.6, 11.18 PRACTICAL COLORIMETER & SPECTROPHOTOMETER	FC
WEDNESDAY 31.03.2021	LEC AN 20.2 JOINTS OF FOOT	LEC SGD BI 4.6 FATTY ACID METABOLISM VI GM	DEMO, DOAP PY 2.12 ESR	DEMO PY 2.12 OSMOTIC FRAGILITY BATCH B	FC
				BI 11.6, 11.18 PRACTICAL COLORIMETER & SPECTROPHOTOMETER	FC
THURSDAY 01.04.2021	LEC PY 2.6 WBC FORMATION (2)	ANATOMY FORMATIVE ASSESSMENT LOWER LIMB		AETCOM Module 1.4 Foundation of communications Large group discussions AN	FC

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☐ ANATOMY ☐ PHYSIOLOGY ☐ BIOCHEMISTRY ☐ COMMUNITY MEDICINE ☐ SPORTS ☐ AETCOM ☐ HORIZONTAL ☐ VERTICAL ☐ ECE

DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM – 4 PM	4 PM - 5 PM
FRIDAY 02.04.2021	HOLIDAY				
SATURDAY 03.04.2021	Early Clinical Exposure - Anatomy AN 41.1,41.2 Clinical Skills With Ophthalmology to discuss the cases of cataract, glaucoma & central retinal artery occlusion on specified cases	LEC PY 2.7 PLATELETS STRUCTURE AND MORPHOLOGY	BI 11.24 ECE - ADVANTAGES AND/OR DISADVANTAGES OF USE OF UNSATURATED, SATURATED AND TRANS FATS IN FOOD. VIGM	FC	
SUNDAY 04.04.2021	HOLIDAY				

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☐ ANATOMY ☐ PHYSIOLOGY ☐ BIOCHEMISTRY ☐ COMMUNITY MEDICINE ☐ SPORTS ☐ AETCOM ☐ HORIZONTAL ☐ VERTICAL ☐ ECE

Week 10

DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM	4 - 5 PM
MONDAY 05.04.2021	LEC PY 2.8 PLATELETS HEMOSTASIS	ANATOMY Formative assessment LOWER LIMB PRACTICAL		DOAP PY 2.11 IDENTIFICATION OF WBC BATCH A SDL PY 2.10 IMMUNITY BATCH B	3-5PM SPORTS
TUESDAY 06.04.2021	LEC AN 9.1 INTRODUCTION TO UPPER LIMB PECTORAL REGION (1)	LEC PY 2.8 PLATELETS HEMOSTASIS (2)	DOAP SGD PRAC AN 9.1 INTRODUCTION TO UPPER LIMB PECTORAL REGION (1)	DOAP PY 2.11 IDENTIFICATION OF WBC BATCH A REVISION BI 11.21 PRACTICAL ESTIMATION OF BLOOD GLUCOSE	FC FC
WEDNESDAY 07.04.2021	LEC AN 9.2-9.3 PECTORAL REGION (2) MAMMARY GLANDS	LEC.BI4.6 DESCRIBE THE THERAPEUTIC USES OF PROSTAGLANDINS AND INHIBITORS OF EICOSANOID SYNTHESIS. VI GM	DOAP PY 2.11 IDENTIFICATION OF WBC BATCH B SDL PY 2.10 IMMUNITY BATCH A	DOAP PY 2.11 IDENTIFICATION OF WBC BATCH B REVISION BI 11.21 PRACTICAL ESTIMATION OF BLOOD GLUCOSE	FC FC
THURSDAY 08.04.2021	LEC PY 2.6 WBC VARIATIONS	LEC AN 68.1-68.3 HISTOLOGY NERVOUS TISSUE	DOAP SGD AN 9.2-9.3 PECTORAL REGION (2) MAMMARY GLANDS	AETCOM PY Doctor patient Relationship Interactive session	FC

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DAY / DATE	9 AM - 10 AM	10 AM - 11 AM	11 AM - 1 PM	2 PM - 4 PM	4 PM - 5 PM
FRIDAY 09.04.2021	BI 4.5, 4.7 ECE/ CASE STUDY INTREPRET LAB RESULTS OF ANALYTES ASSOCIATED WITH LIPID METABOLISM VI GM	LEC, SGD CM 1.6 HEALTH PROMOTION AND EDUCATION; IEC; BCC	DOAP PRAC SGD AN 8.1-8.4 CLAVICLE AND SCAPULA BATCH A DOAP PRAC SGD AN 68.1-68.3 HISTOLOGY NERVOUS TISSUE BATCH B	DOAP PRAC SGD AN 8.1-8.4 CLAVICLE AND SCAPULA BATCH B DOAP PRAC SGD AN 68.1-68.3 HISTOLOGY NERVOUS TISSUE BATCH A	FC
SATURDAY 10.04.2021	ECE PY 10.11, 10.20 Topic: Bell's Palsy Deptt of Physiology HI- anatomy VI- Ophthalmology	LEC PY 3.7 MUSCLE FIBER (types and structure)	ECE ANATOMY Clinical skills With orthopedics to discuss UPPER limb fractures and nerve injuries on a specified case	FC	
SUNDAY 11.04.2021	HOLIDAY				

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Week 11

DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM	4 - 5 PM
MONDAY 12.04.2021	LEC PY 2.8 PLATELETS DISORDERS	LEC AN 76.1-76.2; 77.1-77.2 GENRAL EMBROYOLOGY	DOAP AN 9.2-9.3 PECTORAL REGION 2	DOAP PY 2.11 DLC BATCH A	3-5PM SPORTS
				DOAP BI11.8 Demonstrate estimation of serum proteins, albumin and A:G ratio (BATCH-B)	
TUESDAY 13.04.2021	LEC AN 10.2 AXILLA (1)	LEC PY 3.1 NEURON STRUCTURE AND FUNCTION	DOAP SGD PRAC AN 10.2 AXILLA (1)	DOAP PY 2.11 DLC BATCH B	FC
				DOAP BI11.8 Demonstrate estimation of serum proteins, albumin and A:G ratio (BATCH-B)	FC
WEDNESDAY 14.04.2021	HOLIDAY				
THURSDAY 15.04.2021	HOLIDAY				

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DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM – 4 PM	4 PM - 5 PM
FRIDAY 16.04.2021	LEC BI 5.1 DESCRIBE AND DISCUSS STRUCTRAL ORGANISATION OF PROTEINS	LEC CM 1.8 DEMOGRAPHIC PROFILE OF INDIA AND IMPACT ON HEALTH	DOAP SGD PRAC AN 8.1-8.2 HUMERUS BATCH A SGD DEMO AN 76.1-76.2; 77.1-77.2 GENRAL EMBROYOLOGY BATCH B	DOAP SGD PRAC AN 8.1-8.2 HUMERUS BATCH B SGD DEMO AN 76.1-76.2; 77.1-77.2 GENRAL EMBROYOLOGY BATCH A	FC
SATURDAY 17.04.2021	ECE – AN, OBSERVE A CASE OF DOWN'S SYNDROME (A-V AID / CASE BASED)	LEC. PY 3.8 ACTION POTENTIAL AND PROPERTIES OF MUSCLE FIBER	DOAP SESSION CM 1.9 Demonstrate the role of effective Communication skills in health in a simulated environment	FC	
SUNDAY 18.04.2021	HOLIDAY				

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Week 12

DAY / DATE	9 AM - 10 AM	10 AM - 11 AM	11 AM - 1 PM	2 PM - 4 PM	4 - 5 PM
MONDAY 19.04.2021	LEC PY 3.9 MOLECULAR BASIS OF MUSCLE CONTRACTION	LEC AN 10.4, 10.7-10.11, 10.13 AXILLA (2)	DOAP SGD PRAC AN 10.4, 10.7-10.11, 10.13 AXILLA (2)	DOAP PY 2.11 DLC BATCH A DOAP BI11.12 Demonstrate the estimation of serum bilirubin (Batch-B)	3-5PM SPORTS
TUESDAY 20.04.2021	LEC AN 77.3-77.6 GENERAL EMBRYOLOGY (2)	LEC PY 3.9 MOLECULAR BASIS OF MUSCLE CONTRACTION (2)	SGD DEMO AN 77.3-77.6 GENERAL EMBRYOLOGY	DOAP PY 2.11 DLC BATCH B DOAP BI11.12 Demonstrate the estimation of serum bilirubin (Batch- A)	FC FC
WEDNESDAY 21.04.2021	HOLIDAY				
THURSDAY 22.04.2021	LEC PY 3.1 NEUROGLIA AND NERVE GROWTH FACTOR	LEC AN 70.2 HISTOLOGY LYMPHOID TISSUE	SGD, DEMO AN 77.3- 77.6 GENERAL EMBRYOLOGY	LEC BI 8.3 Provide dietary advice for optimal health in childhood and adult, in disease conditions like diabetes mellitus, coronary artery disease and in pregnancy BI8.4 Describe the causes (including dietary habits), effects and health risks associated with being overweight/ obesity VI GM	FC

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DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM – 4 PM	4 PM - 5 PM
FRIDAY 23.04.2021	LEC BI 5.2 HB AND HB PATHIES VI PAT, GM HI PY	DOAP SESSION CM1.10 Demonstrate the important aspects of the doctor patient relationship in a simulated environment	PRAC, SGD AN 70.2 HISTOLOGY LYMPHOID TISSUE BATCH A DOAP AN 8.4 HUMERUS BATCH B	PRAC, SGD AN 70.2 HISTOLOGY LYMPHOID TISSUE BATCH B DOAP AN 8.4 HUMERUS BATCH A	FC
SATURDAY 24.04.2021	ECE Biochemistry Basic Science Correlation: Hemoglobinopathies VI GM, PATH	LEC PY 3.12 MOTOR UNIT	SGD/Tutorial LIPID Metabolism	FC	
SUNDAY 25.04.2021	HOLIDAY				

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Week 13

DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM	4PM - 5 PM
MONDAY 26.04.2021	LEC PY 3.2 NERVE FIBER TYPE FUNCTION AND PROPERTIES	LEC AN 10.3, 10.5-10.6 BRACHIAL PLEXUS	DOAP SGD PRAC AN 10.3, 10.5-10.6 BRACHIAL PLEXUS	DEMO PY 3.18 AMPHIBIAN NERVE MUSCLE SIMPLE MUSCLE TWITCH BATCH A DEMO PY 3.18 AMPHIBIAN NERVE MUSCLE INSTRUMENTS BATCH B	3-5PM SPORTS
TUESDAY 27.04.2021	LEC AN 78.1-78.3 GENERAL EMBRYOLOGY (3)	LEC PY 3.3 DEGENERATION AND REGENERATION IN PERIPHERAL NERVES	SGD, DEMO AN 78.1-78.3 GENERAL EMBRYOLOGY (3)	DEMO PY 3.18 AMPHIBIAN NERVE MUSCLE BATCH A	FC
				DOAP BI11.13 Demonstrate the estimation of SGOT/ SGPT(Batch-B)	FC
WEDNESDAY 28.04.2021	LEC AN11.1-11.6 ARM AND CUVITAL FOSSA	LEC BI 5.3 DIGESTION AND ABSORPTION OF PROTEINS VI PEDIA	DEMO PY 3.18 AMPHIBIAN NERVE MUSCLE SIMPLE MUSCLE TWITCH BATCH B DEMO PY 3.18 AMPHIBIAN NERVE MUSCLE INSTRUMENTS BATCH A	DEMO PY 3.18 AMPHIBIAN NERVE MUSCLE BATCH B	FC
				DOAP BI11.13 Demonstrate the estimation of SGOT/ SGPT(Batch-A)	FC
THURSDAY 29.04.2021	LEC PY 3.13 MUSCLE DISORDERS	LEC AN 72.1 HISTOLOGY SKIN AND MAMMARY GLANDS	DOAP SGD PRAC AN11.1-11.6 ARM AND CUVITAL FOSSA	FORMATIVE ASSESSMENT CARBOHYDRATES AND LIPDS	FC

Rajni Kant
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of Biochemistry

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DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM	4 PM - 5 PM
FRIDAY 30.04.2021	LEC SGD BI 5.4 COMMON DISORDERS OF PROTEIN METABOLISM VI PEDIA	LEC,SGD, DOAP CM 2.1 Describe the steps and perform clinic-socio-cultural and demographic assessment of the individual, family and community	DOAP AN 72.1 HISTOLOGY SKIN AND MAMMARY GLANDS BATCH A SDL AN 76.1, 76.2, 77.1, 77.2, 77.3, 77.4, 77.5, 77.6, 78.1-78.3 GENRAL EMRYOLOGY BATCH B	DOAP AN 72.1 HISTOLOGY SKIN AND MAMMARY GLANDS BATCH B SDL AN 76.1, 76.2, 77.1, 77.2, 77.3, 77.4, 77.5, 77.6, 78.1-78.3 GENRAL EMRYOLOGY BATCH A	FC
SATURDAY 01.05.2021	ECE BI 7.7 & 11.17 BIOCHEMICAL BASIS AND TESTS DONE IN DYSLIPIDAEMIA AND ATHEROSCLEROSIS VI GM PATH	LEC PY 3.4 STRUCTURE OF NEUROMUSCULAR JUNCTION AND IMPULSE TRANSMISSION	LEC SGD, DOAP CM 2.2, 2.3 Describe the socio-cultural factors, family (types), its role in health and disease & demonstrate in a simulated environment the correct assessment of socio-economic status; DEMO IN SIMULATED ENVIRONMENT, assessment of barriers to good health and health seeking behavior	FC	
SUNDAY 02.05.2021	HOLIDAY				

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☐ ANATOMY ☐ PHYSIOLOGY ☐

BIOCHEMISTRY ☐ COMMUNITY MEDICINE ☐ SPORTS

☐ AETCOM ☐ HORIZONTAL

☐ VERTICAL ☐ ECE

(WEEK - 14 & 15)

FIRST TERMINAL EXAMINATION

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WEEK 16

DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM	4PM - 5 PM
MONDAY 17.05.2021	LEC SGD PY 10.5 Describe and discuss structure and functions of reticular activating system, autonomic nervous system (ANS)	LEC AN44.1, 44.2, 44.3 Anterior abdominal wall-1 (Rectus sheath)	SGD PRAC AN44.1,44.244.7 Introduction to abdomen- Planes and Quadrant AN78.3 Embryology -Implantation & its sites	DEMO ,CAL PY 3.18 Explain the change in different phases of simple muscle twitch curve with variation in temperature. (Batch A) Know the physio-clinical significance of estimating nerve conduction velocity (Batch B)	FC
TUESDAY 18.05.2021	LEC AN44, 44.5, 44.6 44.7Anterior abdominal wall-2 (Inguinal canal)	LEC, SGD PY 3.5 Discuss the action of neuromuscular blocking agents	PRAC,SGD,DEMO;AN44.4&44.6 Describe and Demonstrate inguinal canal, Hesselbach's triangle and muscles of ant. Abdomen wall. SGD, DOAP ; AN78.4, 78.5 Embryology -Formation of Extra-embryonic mesoderm & coelom	DEMO ,CAL PY 3.18 Explain the change in different phases of simple muscle twitch curve with variation in temperature. Know the physio-clinical significance of estimating nerve conduction velocity	FC
				DOAP BI11.14 Demonstrate the estimation of ALP (Batch-B)	FC
WEDNESDAY 19.05.2021	LEC AN47.1&47.2 Peritoneum-1	LEC SGD BI 5.4 COMMON DISORDERS OF PROTEIN METABOLISM VI PEDIA	SDL SGD, LEC PY 6.1 Describe the functional anatomy of respiratory tract HI ANATOMY	DEMO ,CAL PY 3.18 Enumerate the factors that affect the conduction velocity in a nerve fiber. Describe the relation between force of contraction and initial fiber length.	FC
				DOAP BI11.14 Demonstrate the estimation of ALP (Batch-A)	FC
THURSDAY 20.05.2021	LEC SGD PY 10.5 Describe and discuss structure and functions of reticular activating system, autonomic nervous system (ANS)	LEC AN 52.1 Histology: Esophagus & Stomach	ECE AN44.4,44.5 ECE - Explain anatomical basis of Inguinal Hernia (Case based) VI, Gen. surgery	DEMO ,CAL PY 3.18 Enumerate the factors that affect the conduction velocity in a nerve fiber. Describe the relation between force of contraction and initial fiber length.	FC

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DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM	4 PM - 5 PM
FRIDAY 21.05.2021	LEC/ CASE STUDY/ SGD BI 5.5 INTREPRET LAB RESULTS OF ANALYTES ASSOCIATED WITH PROTEIN METABOLISM	LEC AN52.4, 52.6 GIT Embryology-1	Practical SGD, DOAP AN53.4 Bone demo (Lumbar Vertebra) (BatchA) AN52.1 Histology: Esophagus & Stomach (Batch-B)	Practical SGD, DOAP AN53.4 Bone demo (Lumbar Vertebra) (BatchB) AN52.1 Histology: Esophagus & Stomach (Batch-A)	FC
SATURDAY 22.05.2021	LEC BI 2.1 Explain fundamental concepts of enzyme, isoenzyme, alloenzyme, coenzyme & co-factors. Enumerate the main classes of IUBMB nomenclature.	SGD, LEC CM 3.1 Describe the health hazards of air, water, noise, radiation and Pollution	LEC PY 3.6 Describe the pathophysiology of Myasthenia gravis	AETCOM PY What does it mean to be a doctor? Discussion and closure	FC 3-5PM SPORTS
SUNDAY 23.05.2021	HOLIDAY				

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WEEK 17

DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM	4PM - 5 PM
MONDAY 24.05.2021	LEC SGD PY 4.1 Describe the structure and functions of digestive system	LEC AN 47.3, 47.4 Peritoneum-2	SDL AN 47.1, 2, 3, 4 Peritoneum & Embryology models of GIT (Batch A) SGD, DOAP AN79.1 2; Formation and fate of Primitive streak and notochord (Batch-B)	DEMO, CAL PY 3.18 Describe the relation between load and velocity of contraction. Describe the relation between frequency of stimulation and muscle contraction	FC
TUESDAY 25.05.2021	LEC AN 47.5, 6 Stomach	LEC, SGD PY 10.5 Describe and discuss structure and functions of reticular activating system, autonomic nervous system (ANS)	Practical, SGD DOAPAN47.5& 47.6 Stomach SGD, DOAP AN79.3, 79.4,79.5& 79.6 Embryology- Process of Neurulation & Formation of somites and intra-embryonic coelom	DEMO, CAL PY 3.18 Describe the relation between load and velocity of contraction. Describe the relation between frequency of stimulation and muscle contraction DOAP BI11.9 Demonstrate the estimation of total Cholesterol and HDL Cholesterol (Batch-B)	FC FC
WEDNESDAY 26.05.2021	Holiday				
THURSDAY 27.05.2021	LEC SGD PY 4.2 Describe the composition, mechanism of secretion, functions, and regulation of saliva, gastric, pancreatic, intestinal juices and bile secretion	LEC AN 52.6 GIT Embryology-2	DOAP SGD PRAC AN 47.5,8,10, Duodenum & Portal Vein formation SGD, DOAP AN 80.1 TO 80.7 Embryology- Fetal membranes & Placenta	DEMO, CAL PY 3.18 Explain the beneficial effect, treppe, fatigue, contraction remainder, tetanus, tetanizing frequency, clonus, all or none law, summation.	FC

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PT. JAWAHAR LAL NEHRU GOVT MEDICAL COLLEGE CHAMBA

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☐ ANATOMY ☐ PHYSIOLOGY ☐ BIOCHEMISTRY ☐ COMMUNITY MEDICINE ☐ SPORTS ☐ AETCOM ☐ HORIZONTAL ☐ VERTICAL ☐ ECE

DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM	4 PM - 5 PM
FRIDAY 28.05.2021	LEC BI 2.3 Describe and explain the basic principles of enzyme activity	Substage (D-Hall)	Substage (D-Hall)	Substage (D-Hall)	FC
SATURDAY 29.05.2021	LEC BI 2.4 Describe and discuss enzyme inhibitors as poisons and drugs and as therapeutic enzymes VI PATH , GM	LEC SGD CM 3.2 Describe concepts of safe and wholesome water, sanitary sources of water, water purification processes, water quality standards, concepts of water conservation and rainwater harvesting	ECE PY Oedema	AETCOM BI Doctor patient relationship Discussion and closure	3-5PM SPORTS
SUNDAY 30.05.2021	HOLIDAY				

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WEEK 18

DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM	4PM - 5 PM
MONDAY 31.05.2021	LEC SGD PY Formative assessment	LEC AN 10.3, 10.5-10.6 BRACHIAL PLEXUS	ECE- AN47.1,47.2,47.3& 47.4 Observe Ascites, Peritonitis & sub phrenic abscess in clinical cases VI, Gen. surgery	DEMO, CAL PY 3.18 Explain the beneficial effect, treppe, fatigue, contraction remainder, tetanus, tetanizing frequency, clonus, all or none law, summation.	FC
TUESDAY 01.06.2021	LEC AN 47.5, 6 LIVER VI, Gen. surgery	LEC SGD PY 6.2 Describe the mechanics of normal respiration, pressure changes during ventilation, lung volume and capacities, alveolar surface tension, compliance, airway resistance, ventilation, V/P ratio, diffusion capacity of lungs	SGD, PRAC AN47.5& 47.6 Liver VI, Gen. surgery	DEMO CAL PY 3.18 Describe the effect of increasing strength of stimuli on muscle contraction. Explain the terms subthreshold, threshold, maximal, and supramaximal stimuli.	FC
				DOAP BI11.10 Demonstrate the estimation of TG (Batch-B)	FC
WEDNESDAY 02.06.2021	LEC AN47.5& 47.6 Pancreas VI, Gen. surgery	SGD BI 2.5 Describe and discuss the clinical utility of various serum enzymes as markers of pathological conditions. VI PATH, GM	LEC, SGD PY 4.2 Describe the composition, mechanism of secretion, functions, and regulation of saliva, gastric, pancreatic, intestinal juices and bile secretion	DEMO CAL PY 3.18 Describe the effect of increasing strength of stimuli on muscle contraction. Explain the terms subthreshold, threshold, maximal, and supramaximal stimuli.	FC
				DOAP BI11.9 Demonstrate the estimation of total Cholesterol and HDL Cholesterol (Batch-A)	FC
THURSDAY 03.06.2021	LEC, SGD PY 4.2 Describe the composition, mechanism of secretion, functions, and regulation of saliva, gastric, pancreatic, intestinal juices and bile secretion HI BI	LEC AN 52.1 Histology: Small, Large Intestine and appendix	SGD PRAC AN 47.5, 47.6 Pancreas VI, Gen. surgery	DEMO CAL PY 3.18 REVISION and Formative assessment	FC

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DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM	4 PM - 5 PM
FRIDAY 04.06.2021	LEC BI 2.6 DISCUSS THE ENZYMES IN LAB INVESTIGATIONS (enzyme based assays) VI PATH, GM	LEC AN 52.6 GIT Embryology-3 VI, Gen. surgery	Prac, SGD, DOAP AN 53.4 Bone demo (Sacrum) BATCH A Prac, SGD, DOAP AN 52.1 Histology: Small, Large Intestine and appendix BATCH B	Prac, SGD, DOAP AN 53.4 Bone demo (Sacrum) BATCH B Prac, SGD, DOAP AN 52.1 Histology: Small, Large Intestine and appendix BATCH A	FC
SATURDAY 05.06.2021	ECE BI 2.7 INTREPRET LAB RESULTS OF ENZYME ACTIVITIES AND DESCRIBE THE CLINICAL UTILITY OF VARIOUS ENZYMES AS MARKERS OF PATHOLOGICAL CONDITIONS VI PATH, GM	LEC, SGDDOAP CM 2.4 Describe social psychology, community behaviour and community relationship and their impact on health and disease	LEC SGD PY 6.2 Explain the physical laws applicable in respiratory physiology. * Explain the role of muscles of inspiration and expiration. * Describe the pressure-flow- volume changes during the respiratory cycle.	AETCOM AN - MOD 1.4 FOUNDATION OF COMMUNICA- TION SDL AETCOM AN - MOD 1.4 FOUNDATION OF COMMUNICATI ON SDL	FC 3-5PM SPORTS
SUNDAY 06.06.2021	HOLIDAY				

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☐ ANATOMY ☐ PHYSIOLOGY ☐ BIOCHEMISTRY ☐ COMMUNITY MEDICINE ☐ SPORTS ☐ AETCOM ☐ HORIZONTAL ☐ VERTICAL ☐ ECE

WEEK 19

DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM	4PM - 5 PM
MONDAY 07.06.2021	LEC SGD PY 4.3 Describe GIT movements, regulation and functions. Describe defecation reflex. Explain role of dietary fiber.	LEC AN 52.1 Histology: Pancreas & spleen	DOAP SGD PRAC AN 47.5; 47.6 SD; DH (Tutorials: Jejunum, Ileum, Large Intestine & blood vessels of gut) VI, Gen. surgery	DEMO, CAL, REVISION PY 3.18 Formative assessment	FC
TUESDAY 08.06.2021	LEC AN 52.6 GIT embryology- 4 VI, Gen. surgery	LEC SGD PY 6.2 Define compliance of lungs, enumerate factors affecting. Explain the regional variation of compliance and the effect of gravity. * Explain the functions of surfactant and understand the pathophysiology of respiratory distress syndrome.	ECE AN47.10 & 47.11 Enumerate Sites of portosystemic anastomosis and correlate it with hematemesis & caput medusae in portal hypertension. VI, Gen. surgery	TEST (Experimental Nerve Muscle)	FC
				DOAP BI11.7 Demonstrate the estimation of creatinine and creatinine clearance (Batch-B)	FC
WEDNESDAY 09.06.2021	LEC AN47.5 Rectum and Anal Canal	LEC; SGD BI 6.6 Describe the biochemical processes involved in the generation of energy in cells	SDL, LEC, SGD PY 4.3 *List the major forms of motility in the GI and their roles in digestion and excretion; Distinguish between peristalsis and segmentation. * Explain the electrical basis of gastrointestinal contractions and the role of basic electrical activity in governing motility patterns.; Explain the stages and mechanism of deglutition	TEST (experimental Nerve Muscle)	FC
				DOAP BI11.10 Demonstrate the estimation of TG (Batch-A)	FC
THURSDAY 10.06.2021	LEC SGD PY 3.13 List the factors contributing to stability of alveoli; determinants of airway resistance; Describe the concept of shunt and physiological dead space.	LEC AN 52.1 Histology: Liver and gallbladder	DOAP SGD PRAC AN47.5& 47.6 SDL; DH: Tutorials (Spleen) DOAP SGD PRAC AN 52.1 Histology: Pancreas and Spleen VI Gen SURGERY	DOAP PY 11.13 General Physical Examination	FC

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TIME TABLE - M.B.B.S. PHASE - 1, BATCH 2020

☐ ANATOMY ☐ PHYSIOLOGY ☐ BIOCHEMISTRY ☐ COMMUNITY MEDICINE ☐ SPORTS ☐ AETCOM ☐ HORIZONTAL ☐ VERTICAL ☐ ECE

DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM	4 PM - 5 PM
FRIDAY 11.06.2021	LEC; SGD BI 6.6 Describe the biochemical processes involved in the generation of energy in cells	SDL, SGD EMBRYOLOGY MODELS	Prac, SGD & DOAP AN47.5, 47.6&52.6 DH: Tutorials: (GIT Embryo & Extrahepaticbiliary apparatus) (BatchA) Prac, SGD & DOAP AN52.1 Histology: Liver & Gallbladder (Batch B) VI GS	Prac, SGD & DOAP AN47.5, 47.6&52.6 DH: Tutorials: (GIT Embryo & Extrahepaticbiliary apparatus) (BatchA) Prac, SGD & DOAP AN52.1 Histology: Liver & Gallbladder (Batch B) VI GS	FC
SATURDAY 12.06.2021	FORMATIVE ASSESSMENT BI	LEC, SGD., DOAP, CM 2.5 Describe poverty and social security measures and its relationship to health and disease	LEC SGD PY 4.4 Digestion, absorption and steps involved in the breakdown and absorption of carbohydrates and proteins HI BI	AETCOM AN - MOD 1.4 FOUNDA TION OF COMMUN ICATION SGD	FC 3-5PM SPORTS
SUNDAY 13.06.2021	HOLIDAY				

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☐ ANATOMY ☐ PHYSIOLOGY ☐

BIOCHEMISTRY ☐ COMMUNITY MEDICINE ☐ SPORTS

☐ AETCOM ☐ HORIZONTAL

☐ VERTICAL ☐ ECE

WEEK 20

DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM	4PM - 5 PM
MONDAY 14.06.2021	LEC SGD PY * Compare the composition of the alveolar air, inspired air, and expired air; methods of transport of oxygen in the blood; Draw a diagram to show the oxygen dissociation curve and Bohr's effect and explain the curves	LECAN49.1,49.2,49.3 Perineum-1 VI -ObG	DOAP SGD PRAC AN53.1, 53.2& 52.3 Bone demo (bony pelvis) VI GS, ObG	DOAP PY 11.13 General Physical Examination	FC
TUESDAY 15.06.2021	LEC AN 49.4, 49.5 Perineum-2 VI ObG	LEC SGD PY 4.4 * Describe the steps involved in the breakdown and absorption of fats.; Explain absorption of water, electrolytes, and minerals in the intestines.; List the functions of large intestine in relation to water and electrolyte absorption, and gut fermentation. HI BI	Prac, SGD, DOAP AN49.1 to 49.5 Perineum-1 superficial & deep perineal pouch, Perineal body and ischiorectal fossa VI ObG	DOAP PY 11.13 General Principals of Inspection/ Palpation/ Percussion/ Auscultation	FC
				DOAP BI11.21 Demonstrate estimation of urea and urea clearance and uric acid (Batch -B)	FC
WEDNESDAY 16.06.2021	LEC AN52.7 Embryology- Development of Urinary system VI GS	LEC, SGD BI6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency VI GM	LEC, SGD, SDL PY 6.3 * Describe the methods of transport of carbon dioxide in the blood. * Explain the Haldane effect and chloride shift HI -AN	DOAP PY 11.13 General Principals of Inspection/ Palpation/ Percussion/ Auscultation	FC
				DOAP BI11.7 Demonstrate the estimation of creatinine and creatinine clearance (Batch-A)	FC
THURSDAY 17.06.2021	LEC, SGD PY 4.5 Describe the source of GIT hormones, their regulation and functions	PCT(Abdomen)	PCT(Abdomen)	REVISION PY 11.13 Formative assessment	FC

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☐ ANATOMY ☐ PHYSIOLOGY ☐ BIOCHEMISTRY ☐ COMMUNITY MEDICINE ☐ SPORTS ☐ AETCOM ☐ HORIZONTAL ☐ VERTICAL ☐ ECE

DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM	4 PM - 5 PM
FRIDAY 18.06.2021	LEC BI6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency VI GM	PCV (Abdomen)	PCV (Abdomen)	PCV (Abdomen)	FC
SATURDAY 19.06.2021	LEC BI6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency VIGM	LEC SGD CM 3.3 Describe the aetiology and basis of water borne diseases /jaundice/hepatitis/ diarrheal diseases	LEC SGD PY 6.4 Describe the changes that occur on exposure to high altitudes; Understand the basis of acute and chronic mountain sickness.	AETCOM AN - MOD 1.4 FOUNDAT ION OF COMMUNI CATION SGD	FC 3-5PM SPORTS
SUNDAY 20.06.2021	HOLIDAY				

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WEEK 21

DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM	4PM - 5 PM
MONDAY 21.06.2021	LEC SGD PY 4.6 Describe the Gut-Brain Axis	LEC PY AN48.1, 48.2 Wall of Pelvis-1	AN 50.3 ECE- Describe and observe the site, direction of the needle, structures pierced during the lumbar puncture (simulation/case based) VI GM	REVISION PY 11.13 Formative assessment	FC
TUESDAY 22.06.2021	LEC AN 48.3, 48.4 Wall of Pelvis-2	LEC SGD PY 6.4 Describe the changes that occur with deep sea diving.	Prac, SGD, DOAP AN48.1, 48.2 Wall of Pelvis-1 with muscles of pelvic Diaphragm and identification of pelvic viscera	DOAP PY 11 Clinical Examination of Abdomen DOAP BI11.11 Demonstrate estimation of calcium and Phosphate (Batch -B)	FC FC
WEDNESDAY 23.06.2021	LEC AN 52.2 Histology: Kidney, Ureter & Urinary Bladder	LEC BI 6.1 Discuss the metabolic processes that take place in specific organs in the body in the fed and fasting states. VI GM	LEC, SGD HI -BI * Describe the major functions of the liver. * Describe the enterohepatic circulation. * Describe the formation of bile and its role in the excretion of cholesterol and bilirubin. * Briefly outline functional architecture of hepatic lobule. * Outline the bilirubin metabolism	DOAP PY 11 Clinical Examination of Abdomen DOAP BI11.21 Demonstrate estimation of urea and urea clearance and uric acid (Batch -A)	FC FC
THURSDAY 24.06.2021	HOLIDAY				

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TIME TABLE - M.B.B.S. PHASE – 1, BATCH 2020

BIOCHEMISTRY

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☐ ANATOMY ☐ PHYSIOLOGY ☐ BIOCHEMISTRY ☐ COMMUNITY MEDICINE ☐ SPORTS ☐ AETCOM ☐ HORIZONTAL ☐ VERTICAL ☐ ECE

WEEK 22

DAY / DATE	9 AM - 10 AM	10 AM - 11 AM	11 AM - 1 PM	2 PM - 4 PM	4 PM - 5 PM
MONDAY 28.06.2021	LEC, SGD PY 4.7 * Understand the physiological basis of classification of jaundice. * Appreciate the differences in laboratory findings of different types of jaundice. * Identify the mechanisms that permit normal functioning of the gallbladder and the basis of gallstone disease	LEC AN48.2, 48.5& 48.6 Urinary Bladder VI GS	DOAP SGD PRAC AN48.2, 48.5& 48.6 Urinary bladder, Prostate & Urethra VI GS	DOAP PY 6.9 PY Clinical Examination of Respiratory System	FC
TUESDAY 29.06.2021	LEC AN48.2, 48.5& 48.7 Prostate & Urethra VI GS	ECE PY PEPTIC ULCER	Prac, SGD, DOAP AN48.3, 48.4 Wall of Pelvis-2 with identification of branches of internal Iliac artery and sacral plexuses	DOAP PY 6.9 PY Clinical Examination of Respiratory System FORMATIVE ASSESSMENT PRACTICALS	FC FC
WEDNESDAY 30.06.2021	LEC AN 52.2 Histology: Male Reproductive System	LEC, SGD BI6.9 Describe the functions of various minerals in the body, metabolism and homeostasis. VI GM HI PY	Formative assessment And test	REVISION PY 11 / 6.9 DOAP BI11.11 Demonstrate estimation of calcium and Phosphate (Batch -A)	FC FC
THURSDAY 01.07.2021	LEC PY 6.5 * complications of chronic oxygen therapy.; Learn the importance of CPR in clinical Medicine; *methods of artificial ventilation* List the indications for CPR.* Understand the physiological principle of AR and external cardiac massage.	LEC AN 52.2 Histology: Female Reproductive System	ECE- AN Explain and observe anatomical and radiological aspects of Scoliosis, Lordosis, Prolapsed disc, Spondylolisthesis & Spina bifida VI Ortho	REVISION PY 11 / 6.9	FC

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DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM		2 PM - 4 PM	4 PM - 5 PM
FRIDAY 02.07.2021	FORMATIVE ASSESSMENT BI	LEC AN 52.8 Embryology- Development of Female Reproductive System	Prac, SGD DOAP AN52.7 & 52.8 Embryology Models (Batch A) Prac, SGD DOAP AN52.2, Histology: Male and Female Reproductive System (Batch B) VI GS		Prac, SGD DOAP AN52.7 & 52.8 Embryology Models (Batch B) Prac, SGD DOAP AN52.2, Histology: Male and Female Reproductive System (Batch A) VI GS	FC
SATURDAY 03.07.2021	ECE SGD BI6.10 Enumerate and describe the disorders associated with mineral metabolism VI GM	SGD, DOAP CM 3.5 Describe the standards of housing and the effect of housing on health	LEC, LGD PY 4.8 Describe & discuss gastric function tests, pancreatic exocrine function tests & liver function tests HI -BI	AETCOM BI Mod 1.1 What does it mean to be a patient? Hospital visit	AETCOM BI Mod 1.1 What does it mean to be a patient? Hospital visit	3-5PM SPORTS
SUNDAY 04.07.2021	HOLIDAY					

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Week 23

DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM
MONDAY 05.07.2021	LEC SGD PY 6.6 Various respiratory diseases and describe the pathophysiology* types of hypoxia * Treatment of each type of hypoxia.* Describe the changes in blood gases during hyperventilation and hypoventilation	LEC AN48.2, 48.5, 48.8 Uterus	DOAP SGD PRAC AN48.2, 48.5 Uterus Ovary and Fallopian Tube	DOAP PY 6.8/ 6.10 Spirometry- lung volume and capacities
TUESDAY 06.07.2021	LEC AN48.2, 48.5 Ovary and Fallopian Tube	LEC SGD PY 4.9 * List the various disorders of the GI system. * physiological basis of etiology of peptic ulcer. * various forms of treatment for acid peptic disease. * Learn the physiological basis of malabsorption syndrome.* Understand the physiological abnormalities in reflux oesophagitis and achalasia cardia. VI GM	SGD, DEMO, PRAC AN54.1,54.2 & 54.3 Radiology- Abdomen & Pelvis VI Radio	DOAP PY 6.8/ 6.10 Spirometry- lung volume and capacities DOAP BI11.23 Calculate energy content of different food items, identify food items with high and low glycemic index and explain the importance of these in the diet (Batch-B)
WEDNESDAY 07.07.2021	SDL Revision- Pelvis/Embryology	LEC BI8.1 Discuss the importance of various dietary components and explain importance of dietary fibre. VI GM, PEDIA, PATH	LEC SGD PY 6.6; SDL * Understand the respiratory abnormalities in drowning, respiratory acidosis & respiratory alkalosis. * Define asphyxia, hypocapnia and hypercapnia and list their causes * Understand the physiological basis of abnormalities that occur in asphyxia, hypocapnia and hypercapnia. * Define periodic breathing, give its causes and understand its physiological basis* Understand the physiological basis of Kussmaul breathing, Biot's respiration and sleep apnea syndrome	DOAP PY 6.8/ 6.10 Spirometry- lung volume and capacities Revision FORMATIVE ASSESSMENT PRAC
THURSDAY 08.07.2021	ECE PY Dyspnoea	PCT	PCT	DOAP PY 6.8/ 6.10 Spirometry- lung volume and capacities Revision

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DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM	4 PM - 5 PM
FRIDAY 09.07.2021	LEC; SGD BI 8.2 Describe the types and causes of protein energy malnutrition and its effects VI GM, PEDIA, PATH	PCV	PCV	PCV	
SATURDAY 10.07.2021	ECE BI 6.7 Describe the processes involved in maintenance of normal pH, water & electrolyte balance of body fluids and the ASSOCIATED derangements VI GM, HI PY	LEC, SGD CM 3.6 Describe the role of vectors in the causation of diseases. Also discuss National Vector Borne disease Control Program	LEC SGD PY 4.9 Correlate the electrophysiology of gastric contractions with gastric motor dysfunctions. * Appreciate the physiological basis of motility disorders. * Learn the physiological basis of Hirschsprung, disease, Irritable bowel syndrome, diarrhea, and constipation. describe vomiting index	SDL AN4.1-4.5 Skin and Fascia SDL AN 2.1-2.4 General features of Bone and Cartilage	3-5PM SPORTS
SUNDAY 11.07.2021	HOLIDAY				

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☐ ANATOMY ☐ PHYSIOLOGY ☐☐ BIOCHEMISTRY ☐ COMMUNITY MEDICINE ☐ SPORTS☐ AETCOM☐ HORIZONTAL☒ VERTICAL☐ ECE

Week 24

DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM
MONDAY 12.07.2021	LEC PY 6.7 Describe and discuss lung function tests & their clinical significance	LEC AN21.3 Inlet of Thorax & Pleura	DOAP SGD PRAC AN21.1 Thoracic Cavity, Thoracic inlet and outlet	DOAP PY 5.14 ANS Testing
TUESDAY 13.07.2021	LEC AN 24.1 to 24.5 Lungs	LEC PY 6.3 SDL	PRAC, SGD, DEMO AN24.1, 24.2, 24.3, 24.4 & 24.5 DH-Lungs Demo	DOAP PY 5.14 ANS Testing DOAP BI11.16 Observe use of commonly used equipments / techniques in biochemistry •TLC, PAGE (Batch-B)
WEDNESDAY 14.07.2021	LEC AN23.1 & 23.4, 21.11 Embryology-CVS-I VI -GS	SGD BI6.11 Describe the functions of haem in the body and describe the processes IN ITS METABOLISM VI PATH, GM HI PY	Formative assessment TEST	DOAP PY 5.15 Examination of Radial Pulse DOAP BI11.23 Calculate energy content of different food items, identify food items with high and low glycemic index and explain the importance of these in the diet (Batch-A)
THURSDAY 15.07.2021	LEC PY 6.7 SDL	LEC AN25.1 Histology- Epiglottis, Trachea and lungs	DOAP SGD PRAC AN23.1 & 23.4, 21.11 Mediastinum VI GS	DOAP PY 5.15 Examination of Radial Pulse

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DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM	4 PM - 5 PM
FRIDAY 16.07.2021	LEC BI 6.11 Describe the Porphyrin metabolism and different disorders associated with it.	LEC AN25.2 Embryology-CVS-II	Prac, SGD & DOAP AN21.3 to ,21.5 Bone Demo- Sternum (Batch-A) Prac, SGD & DOAP AN25.1 Histology- Epiglottis, Trachea and lungs (Batch-B)	Prac, SGD & DOAP AN21.3 to 21.5 Bone Demo- Sternum (Batch-B) Prac, SGD & DOAP AN25.1 Histology- Epiglottis, Trachea and lungs (Batch-A)	
SATURDAY 17.07.2021	ECE BI : DOAP estimation of Hb using different methods	LEC, SGD CM 3.7 Identify and describe the identifying features and life cycles of vectors of Public Health importance and their control measures	ECE PY Hospital visit in the Pulmonary department for Lung function test	SDL AN 2.5-2.6 Joints	SDL AN 3.1-3.3 MUSCLE 3-5PM SPORTS
SUNDAY 18.07.2021	HOLIDAY				

Ranjan Katar
Dr. Ranjan Katar
Professor & Head
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Week 25

DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM
MONDAY 19.07.2021	LEC SGD PY 3.3 LEC PY 5.1 Describe the functional anatomy of heart including chambers, sounds; and Pacemaker tissue and conducting system. HI AN	LEC AN22.1, 22.2, 22.3 & 22.5 Heart and Pericardium-1 HI PY	DOAP SGD PRAC AN22.1, 22.2, 22.3 & 22.5 Demo- Heart (External Features) & Mediastinum HI PY	DOAP session Clinical Examination of CVS
TUESDAY 20.07.2021	LEC AN22.4, 22.6 & 22.7 Heart-2 HI PY VI GS	LEC, SGD PY 5.2 * List the special anatomical and functional characteristics of cardiac muscle. * Understand the myocardial contractile system and arrangement of sarcomeric system in cardiac muscle. * Explain the length-tension relationship of cardiac muscle. * Define Frank-Starling law of the heart and explain its mechanism. HI AN	Practical, SGD, DOAP AN22.1, 22.2, 22.3 & 22.5 Demo- Heart (Internal Features) HI PY	DOAP session Clinical Examination of CVS SGD BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions: diabetes mellitus, myocardial infarction (Batch-B)
WEDNESDAY 21.07.2021	HOLIDAY			
THURSDAY 22.07.2021	LEC SGD PY 5.2 * Differentiate the effects of vagal and sympathetic stimulations of heart. * Describe the genesis of the resting membrane potential in cardiac muscle. * Describe and draw a labelled diagram of the cardiac action potential. * Describe the effect of ions on the cardiac action potential.	LEC AN 43.4 Histology- Tooth and Tongue	AN22.3 & 22.4 ECE- describe and demonstrate anatomical basis of ischaemic heart disease (Case based) VI GM	REVISION PY 5.15

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DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM		2 PM - 4 PM	4 PM - 5 PM
FRIDAY 23.07.2021	LEC BI 6.12 Describe major types of Hemoglobin and its derivatives found in the body and their physiological and pathological relevance VI PATH, GM HI-PY	LEC AN25.2 AN25.3, 23.4, 23.5 Embryology-CVS-III	Practical, SGD, DOAP AN22.1,21.6,21.7 Bone demo (Ribs) (BatchA) Practical, SGD, DOAP AN43.4 Histology: Tooth and Tongue (Batch-B)		Practical, SGD, DOAP AN22.1,21.6,21.7 Bone demo (Ribs) (BatchB) Practical, SGD, DOAP AN43.4 Histology: Tooth and Tongue(Batch A)	
SATURDAY 24.07.2021	ECE BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions- jaundice - liver diseases, pancreatitis, thyroid disorders VI PATH, GM, HI PY	LEC, SGD CM 3.8 Describe the mode of action, application cycle of commonly used insecticides and rodenticides	LEC SGD PY 5.3 Discuss the events occurring during the cardiac cycle	SDL AN 7.1-7.8 NERVOUS TISSUE	SDL AN 5.1-5.4 CVS I	3-5PM SPORTS
SUNDAY 25.07.2021	HOLIDAY					

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WEEK 26

DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM
MONDAY 26.07.2021	LEC SGD PY 5.4 Describe generation, conduction of cardiac impulse	LEC AN23.3, 23.5&23.6 Azygous System and Sympathetic chain	DOAP SGD AN21.1 & 21.2 Demo-Thoracic Vertebrae	DEMO CAL PY 3.18 Describe the physiological basis of the effect of temperature on frog's heart. Explain staircase phenomenon, refractory period, extrasystole and compensatory pause. REVISION PY 5.15
TUESDAY 27.07.2021	LEC AN24.6 & 23.1 Trachea and Esophagus VI GS	LEC SGD PY 5.5 * Describe the electrical basis of the electrocardiogram. * Compare the relationship of the ventricular muscle action potential and the waves of the ECG. * Draw and label a typical normal ECG and match the parts to electrical events in the heart VI GM	DOAP SGD AN25.2, 25.3, 23.4, 23.5, 25.6 Demo- CVS Models	DEMO CAL PY 3.18 Describe the physiological basis of the effect of temperature on frog's heart. Explain staircase phenomenon, refractory period, extrasystole and compensatory pause Feedback and Formative assessment DOAP BI11.16 Autoanalyzer AND Quality control
WEDNESDAY 28.07.2021	LEC AN23.2, & 23.7 Thoracic duct and Joints of Thorax VI GS	LEC BI 6.2 DISCUSS METABOLIC PROCESSES IN WHICH NUCLEOTIDES ARE INVOLVED	LEC SGD PY 5.5, 5.6 Define and give normal values and significance of various ECG waves, segments and intervals. State Einthoven's law. * Determine mean QRS axis, and list the common causes of left and right axis deviations. Describe abnormal ECG, arrhythmias, heart block and MI VI GM	DEMO CAL PY 3.18 Explain the phenomenon of vagal inhibition and vagal escape. DOAP BI11.16 Observe use of commonly used equipments/techniques in biochemistry • TLC, PAGE (Batch-A)
THURSDAY 29.07.2021	LEC PY 5.7 blood vessels of circulatory system. Poiseuille's law. Differentiate between laminar and turbulent Flow, Reynold's number. critical closing pressure autoregulation" of blood flow	LEC AN47.13, 47.14&24.4 Diaphragm and Phrenic Nerve	DOAP SGD PRAC AN25.7, 25.8 & 25.9 Surface Marking and Radiology of Thorax VI- GM, Radiodiagnosis HI- PY	DEMO CAL PY 3.18 Explain the phenomenon of vagal inhibition and vagal escape.

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DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM	4 PM - 5 PM
FRIDAY 30.07.2021	LEC SGD BI 6.3 DESCRIBE COMMON DISORDERS ASSOCIATED WITH NT METABOLISM HI PY	PCV	PCV	PCV	
SATURDAY 31.07.2021	LEC SGD BI 6.3 DESCRIBE COMMON DISORDERS ASSOCIATED WITH NT METABOLISM HI PY	LEC, SGD CM 4.1 Describe various methods of health education with their advantages and limitations	LEC SGD PY 5.7 * Describe the factors that regulate right atrial Pressure. List and briefly describe the determinants of peripheral venous pressure. * Describe the circulatory dynamics associated with common valvular lesions. * Describe the murmurs caused by common valvular lesions. * Understand the factors governing peripheral resistance. * Understand the application of law of Laplace in determining various cardiovascular functions.	PCT	3-5PM SPORTS
SUNDAY 01.08.2021	HOLIDAY				

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WEEK 27

DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM
MONDAY 02.08.2021	LEC SGD PY 5.8 * Describe the vasomotor centers. * Describe the physiological anatomy of the baroreceptors and their innervation* Describe the baroreceptor adaptation.	LEC AN27.1 to AN27.2 Scalp VI GS	DOAP SGD PRAC AN26.1, AN26.2, AN26.6 Anatomical position of the skull, fontanelles and Norma frontalis	DEMO CAL PY 3.18 Explain the physiological basis of atropine and nicotine
TUESDAY 03.08.2021	LEC AN28.1 to AN28.4 Face I	LEC PY 5.8 * Describe the role of the Bainbridge reflex, Cushing's CNS ischemic response, and the chemoreceptor reflex. * Describe pressure natriuresis curves and the role of the kidney in arterial pressure regulation.	PRAC, SGD, DEMO AN26.2, AN27.1 to AN27.2 Norma verticalis and Scalp	DEMO CAL PY 3.18 Explain the physiological basis of atropine and nicotine DOAP BI11.22 Calculate albumin: globulin (AG) ratio and creatinine clearance
WEDNESDAY 04.08.2021	LEC AN28.6 to AN28.8 Face II VI GS	ECE BI 6.4 DISCUSS LAB RESULTS OF ANALYTES ASSOCIATED WITH GOUT AND LESCH NYHAN SYNDROME	LEC SGD PY 5.8 * Describe the components of the reninangiotensin system. * Describe effect of angiotensin on the kidney and its role in regulation of blood pressure.	DOAP PY 6 Stethography SGD BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions: diabetes mellitus, myocardial infarction(Batch-A)
THURSDAY 05.08.2021	LEC PY 5.9 Define cardiac output (CO), stroke volume, EDV, ESV, ejection fraction, cardiac index and cardiac reserve and give their normal values; determinants of cardiac output and venous return, and their control; methods used to measure cardiac output; intrinsic regulation of cardiac output. VI GM	LEC AN43.2 Histology: Endocrine system (Pituitary gland, Thyroid gland, parathyroid gland and Adrenal gland)	DOAP SGD PRAC AN28.1 to AN28.4 AN28.6 to AN28.8 FACE	DOAP PY 6 Stethography

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DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM	4 PM - 5 PM
FRIDAY 06.08.2021	LEC, SGD BI 7.1 STRUCTURE AND FUNCTION OF DNA AND RNA	LEC AN 43.4 Embryology: Pharyngeal Arches	Practical, DOAP AN43.2 Histology practical (Batch A) DOAP, SGD AN26.5, AN27.7 Cervical vertebrae (Batch B)	Practical, DOAP AN43.2 Histology practical (Batch B) DOAP, SGD AN26.5, AN27.7 Cervical vertebrae (Batch A)	
SATURDAY 07.08.2021	ECE BI 11.17 (SGD) Biochemical basis of acid base disorder and ABG interpretation (ABG Analyser -Demo)	SGD, DOAP CM 4.2 Describe the methods of organizing health promotion and education and counselling activities at individual family and community settings	LEC SGD PY 5.9 * Describe the control of cardiac output by the autonomic nervous system, extracellular ions, and other factors. * Define the following terms: blood pressure, systolic blood pressure, diastolic blood pressure, pulse pressure, and mean arterial blood pressure.	LEC SGD PY 5.9 * Give the values of blood pressure in normal persons based on JNC criteria. Describe the determinants of arterial blood pressure.	3-5PM SPORTS
SUNDAY 08.08.2021	HOLIDAY				

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WEEK 28

DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM
MONDAY 09.08.2021	LEC PY 5.9 List the risk factors for HT; normal range of heart rate physiological variation of heart rate. Understand the mechanisms of regulation of heart rate. List the causes of bradycardia and tachycardia.	LEC AN35.1, AN35.10 Deep fascia of the neck	DOAP SGD AN26.2 Norma occipitalis	DOAP PY 6 Stethography Revision
TUESDAY 10.08.2021	LEC AN29.1 to AN29.4 Posterior triangle	LEC PY 5.9 Formative assessment and revision	DOAP PRAC AN29.1 to AN29.4 Posterior triangle	DOAP PY 6 Stethography Revision DOAP BI11.16 equipments/techniques in biochemistry including Electrolyte analysis by ISE
WEDNESDAY 11.08.2021	LEC AN42.1 to AN42.3 Back of neck and suboccipital triangle	LEC BI 7.1 Cell cycle	PY 5.10/ECE Describe & discuss regional circulation including microcirculation, lymphatic Circulation VI GM	DOAP PY 5.13 Record and interpret normal ECG in a volunteer or simulated environment Feedback and Formative assessment DOAP BI11.16 Autoanalyzer and Quality control
THURSDAY 12.08.2021	LEC PY 5.10 Describe & discuss regional circulation including coronary, cerebral, circulation	LEC AN43.2, AN43.3 Histology: Retina and cornea	DOAP SGD PRAC AN42.1 to AN42.3 Back of neck and suboccipital triangle	DOAP PY 5.13 Record and interpret normal ECG in a volunteer or simulated environment

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DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM		2 PM - 4 PM	4 PM - 5 PM
FRIDAY 13.08.2021	LEC BI 7.2 Replication of DNA	LEC AN 43.4 Embryology: Development of face, nose and palate	Prac, DOAP, SGD AN43.2, AN43.3 Histology practical (Batch A) DOAP, SGD AN 43.4 Embryology Models (Batch B)		Prac, DOAP, SGD AN43.2, AN43.3 Histology practical (Batch B) DOAP, SGD AN 43.4 Embryology Models (Batch A)	
SATURDAY 14.08.2021	LEC BI 7.2 Repair of DNA	SGD, SDL CM4.3 Demonstrate and describe the steps in evaluation of health promotion and education program	LEC SGD PY 5.10 Describe & discuss regional circulation including skin, foetal, and splanchnic circulation	SDL AN 5.5- 5.8 CVS- II	SDL AN65.1 Histology - Epithelium	3-5PM SPORTS
SUNDAY 15.08.2021	HOLIDAY					

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☐ ANATOMY ☐ PHYSIOLOGY ☐

BIOCHEMISTRY ☐ COMMUNITY MEDICINE ☐ SPORTS

☐ AETCOM ☐ HORIZONTAL

☐ VERTICAL ☐ ECE

Week 29

DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM – 4 PM
MONDAY 16.08.2021	LEC PY 5.11 * circulatory dynamics in heart failure. * Distinguish between left and right heart failure. * compensated and decompensated heart failure. * principles of treatment of heart failure.	LEC AN32.1 Anterior Triangle I	AN ECE: Observe a case of Black eye (Hospital visit)	DOAP PY 5.13. Record and interpret normal ECG in a volunteer or simulated environment
TUESDAY 17.08.2021	LEC AN 32.2 Anterior triangle II	LEC PY 5.11 * Define shock. * Describe the physiological pathways operative in shock. * Describe the stages of shock.	PRAC, SGD, DEMO AN 31.1, 31.2 Anterior triangle	DOAP PY 5.13. Record and interpret normal ECG in a volunteer or simulated environment FORMATIVE ASSESSMENT PRAC
WEDNESDAY 18.08.2021	LEC AN28.9 to AN28.10 Parotid region VI GS	LEC BI 7.2 TRANSCRIPTION AND POST TRANSCRIPTIONAL MODIFICATIONS	Lec , SGD PY 5.11 * List the causes of shock and briefly describe them. * Discuss the principles of treatment of shock. * Explain vasovagal syncope	DOAP PY 5.12 Recording of Normal Blood pressure DOAP BI11.22 Calculate albumin: globulin (AG) ratio and creatinine clearance
THURSDAY 19.08.2021	HOLIDAY			

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DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM		2 PM - 4 PM	4 PM - 5 PM
FRIDAY 20.08.2021	LEC, SGD BI 7.2 TRANSLATION AND POST TRANSLATIONAL MODIFICATIONS	LEC AN 43.4 Embryology: Thyroid gland, tongue and Salivary glands	PRAC, SGD, DOAP AN 26.2 Norma Lateralis (Batch A) PRAC, SGD, DOAP AN 43.4 Embryology Models (Batch B)		PRAC, SGD, DOAP AN 26.2 Norma Lateralis (Batch B) PRAC, SGD, DOAP AN 43.4 Embryology Models (Batch A)	
SATURDAY 21.08.2021	LEC SGD BI 7.3 GENE MUTATION VI PEDIA	SDL CM 5.1 Describe the common sources of various nutrients and special nutritional requirements according to age, sex, activity, physiological conditions	LEC, SGD PY 10.1 Describe and discuss the organization of nervous system HI AN	SDL BI 7.3 REGULATI ON OF PROKARYO TIC GENE EXPRESSI ON VI PEDIA	SDL BI 7.3 REGULATION OF EUKARYOTIC GENE EXPRESSION VI PEDIA	3-5PM SPORTS
SUNDAY 22.08.2021	HOLIDAY					

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(WEEK – 30th)
SECOND TERMINAL EXAMINATION

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Week 31

DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM
MONDAY 30.08.2021			HOLIDAY	
TUESDAY 31.08.2021	LEC AN28.4 Facial nerve	LEC PY 10.2 types of synapses; Draw a typical synapse and label its parts; the mechanism of synaptic transmission; inhibitory postsynaptic potential and excitatory postsynaptic potential. HIAN	ECE: Observe a case of UMN and LMN lesion of Facial nerve (Case study/ Videos/ Photographs)	DOAP PY 5.12 Recording of Posture on Blood pressure SGD BI11.19 Outline the basic principles involved in the functioning of instruments commonly used in a biochemistry laboratory and their applications
WEDNESDAY 01.09.2021	LEC AN33.1, AN33.2 Temporal and infratemporal region I VI GS	LEC SGD BI 7.4 APPLICATION OF RECOMBINANT DNA TECHNOLOGY VI PEDIA, GM	TEST	DOAP PY 5.12 Recording of Normal Blood pressure DOAP BI11.16 equipments/techniques in biochemistry Electrolyte analysis by ISE
THURSDAY 02.09.2021	LEC PY 10.2 Properties of synaptic transmission. Explain the following: convergence, divergence, spatial and temporal summation, occlusion and subliminal fringe.* Classify neurotransmitters (NTs). VI GM	LEC AN 33.4 Temporal and infratemporal region II VI GS	SGD PRAC AN33.1 to AN33.3 Temporal and infratemporal region	DOAP PY 5.12 Recording of Normal Blood pressure

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DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM	4 PM - 5 PM
FRIDAY 03.09.2021	LEC SGD BI 7.4 PCR IN DIAGNOSIS AND TREATMENT OF DISEASES WITH GENETIC BASIS VI GM, PEDIA	LEC AN43.4 Embryology: development of eye and ear	DOAP PRAC AN26.2 Norma Basalis BATCH A DOAP PRAC AN43.4 Embryology models (Batch B) BATCH B	DOAP PRAC AN26.2 Norma Basalis BATCH B DOAP PRAC AN43.4 Embryology models BATCH A	
SATURDAY 04.09.2021	LEC SGD BI 7.5 Xenobiotics: Introduction and role in disease	SGT, DOAP CM 5.2 Describe and demonstrate the correct method of performing a nutritional assessment of Individuals, families and the community by using the appropriate method	LEC PY 10.2 *Classify the sensory receptors and give examples. * Enumerate the properties of receptors. * Understand the mechanism of receptor potential. HI AN	SDL AN 66.1-66.2 Histology- Connective Tissue	SDLAN 17.1 Histology -Bone 3-5 PM SPORTS
SUNDAY 05.09.2021	HOLIDAY				

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Week 32

DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM
MONDAY 06.09.2021	LEC PY 10.2 Describe the labelled line principle and the law of projection.; reflex action. * components of reflex arc with a diagram; schematic diagrams of stretch reflex and inverse reflex and explain their importance in motor functions.*Understand the importance of withdrawal reflex.; properties of reflexes	LEC AN33.3, AN33.5 Temporomandibular Joint VI GS	AN ECE: Observe a case of dislocated temporomandibular joint (Hospital visit)	DOAP PY 5.12 Recording of Posture on Blood pressure
TUESDAY 07.09.2021	LEC AN34.1 Submandibular region I VI GS	LEC PY 10.3 Describe and discuss somatic sensations & sensory tracts	SGD, PRAC, DOAP AN26.4 MANDIBLE	DOAP PY 5.12 Effect of Exercise on BP PRAC TEST
WEDNESDAY 08.09.2021	LEC AN34.2 Submandibular region II VI GS	SDL BI7.7 Role of oxidative stress in the pathogenesis of conditions such as cancer, complications of diabetes mellitus and atherosclerosis. VI GM PATH	Lec, SGD PY 10.3 Describe and discuss somatic sensations & sensory tracts. Describe and discuss somatic sensations & sensory tracts (SGD)	DOAP PY 5.12 Effect of Exercise on BP SGD BI11.19 Outline the basic principles involved in the functioning of instruments commonly used in a biochemistry laboratory and their applications
THURSDAY 09.09.2021	LEC PY 10.3 Describe and discuss somatic sensations & sensory tracts	LEC AN35.2 to AN35.4, AN35.8, AN35.9 Thyroid gland VI GS	AN ECE: Observe clinical examination of thyroid swellings (Case based/ Hospital visit)	DOAP 10.11 Clinical Examination of nervous system

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☐ ANATOMY ☐ PHYSIOLOGY ☐ BIOCHEMISTRY ☐ COMMUNITY MEDICINE ☐ SPORTS ☐ AETCOM ☐ HORIZONTAL ☐ VERTICAL ☐ ECE

DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM	4 PM - 5 PM
FRIDAY 10.09.2021	LEC, SGD BI10.1 Describe the cancer initiation, promotion oncogenes & oncogene activation. VI OBG, GS, PATH	LEC AN28.5, AN35.5, AN43.1 Lymphatic Drainage of head and neck and Joints of neck	DOAP PRAC, SGD AN28.5, AN35.5, AN43.1 Lymphatic Drainage of head and neck and Joints of neck (Batch A) DOAP, PRAC AN26.3 Cranial Cavity, its subdivisions, foramina and structures passing through them (Batch B)	DOAP PRAC, SGD AN28.5, AN35.5, AN43.1 Lymphatic Drainage of head and neck and Joints of neck (Batch B) DOAP, PRAC AN26.3 Cranial Cavity, its subdivisions, foramina and structures passing through them (Batch A)	
SATURDAY 11.09.2021	SDL BI 10.1 CANCER: p53 & apoptosis VI OBG, GS, PATH	CM 5.3 LEC, SGD Define and describe common nutrition related health disorders (including macro-PEM, Micro-iron, Zn, iodine, Vit. A), their control and management	LEC SGD PY 10.3 Describe and discuss motor tracts	SDL AN 17.2 Histology - Cartilage	SDL AN 69.1-69.3 Histology - Circulatory system
SUNDAY 12.09.2021	HOLIDAY				

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Week 33

DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM
MONDAY 13.09.2021	LEC SGD PY 10.3 Describe and discuss motor tracts	LEC AN30.1, AN30.3 Cranial cavity I VI GS	DOAP SGD PRAC AN 30.1, AN30.3 Cranial cavity	DOAP PY 10.11 Clinical Examination of nervous system
TUESDAY 14.09.2021	LEC AN 30.3 to 30.5 Cranial Cavity II VI OP	LEC SGD PY 10.3 Describe and discuss motor tracts	SGD, AN30.1 to AN30.5 Cranial Cavity	DOAP PY 10.11 Examination of Sensory System BI11. 16 DNA isolation from blood/ tissue
WEDNESDAY 15.09.2021	LEC AN 35.7 Glossopharyngeal Nerve	ECE Biochemistry: Lab diagnosis of cancer AND Tumour markers	LEC, SGD PY 10.4 Tone and Posture	DOAP PY 10.11 Examination of Sensory System BI11. 16 DNA isolation from blood/ tissue
THURSDAY 16.09.2021	LEC PY 10.4 Vestibular Apparatus	LEC, AN35.7 Vagus and cranial accessory Nerve	AN ECE: Observe a case of Parotid swellings (video based/ photographs based)	DOAP PY 10.11 Examination of Motor System

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DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM		2 PM - 4 PM	4 PM - 5 PM
FRIDAY 17.09.2021	LEC SGD BI 7.6 Describe antioxidant defense system in the body	LEC AN35.6, AN35.7 Hypoglossal nerve and cervical sympathetic chain	DOAP, PRAC AN35.7 9 th , 10 th 11 th Nerves (Batch A) DOAP, PRAC, AN35.6, AN35.7 Hypoglossal nerve and cervical sympathetic chain (Batch B)		DOAP, PRAC AN35.7 9 th , 10 th 11 th Nerves (Batch B) DOAP, PRAC, AN35.6, AN35.7 Hypoglossal nerve and cervical sympathetic chain (Batch A)	
SATURDAY 18.09.2021	LEC SGD BI9.1 List the functions and components of the extracellular matrix (ECM)	CM 5.4 SGT, DOAP Plan and recommend a suitable diet for the individuals and families based on local availability of foods and economic status, etc in a simulated environmen	ECE PY	SDL AN 67.1-67.3 Histology – Muscular system	SDL AN 68.1-68.3 Histology – Nervous tissue	3-5PM SPORTS
SUNDAY 19.09.2021	HOLIDAY					

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Week 34

DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM
MONDAY 20.09.2021	LEC SGD PY 10.6 Describe and discuss Spinal cord, its functions, lesion & sensory disturbances HI AN	LEC AN31.1, 31.2 Orbit I	AN ECE: observe a case of ear infections (case study)	DOAP PY 10.11 Examination of Motor System
TUESDAY 21.09.2021	LEC AN31.3 to AN31.5 ORBIT II	LEC SGD PY 10.7 Describe and discuss functions of cerebral cortex HI AN	DOAP, PRAC AN31.1 to AN31.5 ORBIT	DOAP PY 10.11 Examination of Motor System Revision SGD BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions: renal failure, gout, proteinuria, nephrotic syndrome ,edema
WEDNESDAY 22.09.2021	LEC AN36.1 to AN36.2 MOUTH and Pharynx, I VI ENT	LEC SGD BI9.2 Discuss the involvement of ECM components in health and disease VI GM	LEC SGD PY 10.7 List components of the basal ganglia and describe their connections. Describe functions of the basal ganglia. List clinical disorders of the basal ganglia. Describe the pathophysiology and clinical features of Parkinsonism and its treatment.	DOAP PY 10.11 Examination of Motor System (revision) SGD BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions: renal failure, gout, proteinuria, nephrotic syndrome ,edema
THURSDAY 23.09.2021	PY ECE case study of Parkinsonism and its treatment.	LEC AN36.3 to AN36.5 Pharynx II VI ENT	DOAP SGD PRAC AN36.1 to AN36.5 Mouth and Pharynx	Formative assessment and Test

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DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM		2 PM - 4 PM	4 PM - 5 PM
FRIDAY 24.09.2021	LEC, SGD BI 9.3 PROTEIN TARGETTING AND SORTING ALONG WITH ASSOCIATED DISORDERS	LEC AN37.1 to AN37.3 Nose, paranasal Sinuses and pterygopalatine fossa VI ENT	PRAC, DOAP AN37.1 to AN37.3 Nose, paranasal Sinuses and pterygopalatine fossa BATCH A ECE Observe a case of sinusitis/ DNS/ epistaxis (Hospital visit) (Batch B)		PRAC, DOAP AN37.1 to AN37.3 Nose, paranasal Sinuses and pterygopalatine fossa BATCH B ECE Observe a case of sinusitis/ DNS/ epistaxis (Hospital visit) (Batch A)	
SATURDAY 25.09.2021	SGD BI6.13 Describe the functions of the kidney, liver, thyroid and adrenal glands (tutorials) VI PATH, GM HI PY AN	CM 5.5 LEC, SGD Describe the methods of nutritional surveillance, principles of nutritional education and rehabilitation in the context of socio- cultural factors	LEC SGD PY 10.7 Thalamus HI AN	SDL AN 70.2 Histology – Lymphoid tissue	SDL AN 72.1 Histology – skin and mammary gland	3-5PM SPORTS
SUNDAY 26.09.2021	HOLIDAY					

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☐ AETCOM

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Week 35

DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM
MONDAY 27.09.2021	LEC PY 10.7 List the anatomical subdivisions of the hypothalamus. * Describe the various functions of the hypothalamus HI AN	LEC AN 38.1 Larynx I VI ENT	DOAP SGD PRAC, AN 38.1 Larynx I	DOAP PY 10.11 Superficial Reflexes
TUESDAY 28.09.2021	LEC AN38.2,38.3 Larynx II	LEC SGD PY 10.7 Describe the physiological anatomy of the cerebellum. * Describe the neuronal or functional unit of the cerebellum	PRAC, SGD, DEMO AN38.2, AN38.3 Larynx II	DOAP PY 10.11 Superficial Reflexes SGD BI 11.16 Discuss and interpret results of ELISA
WEDNESDAY 29.09.2021	LEC AN39.1, AN39.2 Tongue	LEC,SGD BI6.14 Describe the tests that are commonly done in clinical practice to assess the functions of these organs (kidney, liver, thyroid and adrenal glands). VI PATH, GM HI PY, AN	LEC SGD PY 10.7 * List the afferent and efferent connection of the cerebellum. List tests of cerebellar function and describe its clinical disorders (SGD)	DOAP PY10.11 Deep Reflexes SGD BI 11.16 Discuss and interpret results of ELISA
THURSDAY 30.09.2021	LEC SGD PY 10.7 LIMBIC system	LEC AN40.1, AN40.2 EAR I VI ENT	DOAP SGD PRAC AN39.1, AN39.2 and AN40.1, AN40.2 Tongue and Ear I	DOAP PY10.11 Deep Reflexes

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DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM
FRIDAY 01.10.2021	L BI6.14 Describe the tests that are commonly done in clinical practice to assess the functions of these organs (kidney, liver, thyroid and adrenal glands). VI PATH, GM HI PY, AN	LEC AN40.3 to AN40.5 EAR II VI ENT	SGD AN40.1 to AN40.5 EAR (BATCH A) Practical, DOAP AN43.7 to AN43.9 Radiology (Batch B)	SGD AN40.1 to AN40.5 EAR (BATCH A) Practical, DOAP AN43.7 to AN43.9 Radiology (Batch B)
SATURDAY 02.10.2021	HOLIDAY			
SUNDAY 03.10.2021	HOLIDAY			

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Week 36

DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM
MONDAY 04.10.2021	LEC SGD PY 10.8 Describe the EEG * List the different "wave forms" and state their characteristics. * List the uses of EEG. Name the stages of sleep and draw the EEG waves in different stages.	LEC AN41.1 to AN41.3 EYE BALL VI ENT	DOAP SGD PRAC AN43.5, AN43.6 Surface Anatomy	DOAP PY 10.11 Cranial Nerves
TUESDAY 05.10.2021	ECE AN A CASE STUDY OF EAR INFECTION	LECSGD PY 10.8 Understand the mechanisms of NREM and REM sleep. List the differences'. * Interplay between brainstem neurons that contain norepinephrine, serotonin, and acetylcholine as well as GABA and histamine in mediating transitions between sleep and wakefulness	DOAP SGD PRAC AN43.5, AN43.6 Surface Anatomy	DOAP PY 10.11 Cranial Nerves
				BI 11.16; BI 11.2 Describe the preparation of Buffers and estimation of pH.
Wednesday 06.10.2021	SDL AN Surface anatomy	ECE Biochemistry BASIC SCIENCE CORRELATION: LFT & Jaundice hospital/lab visit	LEC SGD PY 10.8 Discuss the circadian rhythm and the role of the suprachiasmatic nuclei (SCN) in its regulation. Describe the diurnal regulation of synthesis of melatonin from serotonin in the pineal gland and its secretion into the bloodstream. List the essential features of common sleep disorders. discuss behavioural and EEG characteristics during sleep and mechanism responsible for its production	DOAP PY 10.11 Cranial Nerves
				BI 11.16; BI 11.2 Describe the preparation of Buffers and estimation of pH.
THURSDAY 07.10.2021	LEC PY 10.9 Define and classify learning and memory. * Describe the key features of classical and operant conditioning. List the different stages of memory storage. VI Psychiatry	AN PCT	AN PCT	DOAP PY 10.11 Cranial Nerves

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DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM	4 PM - 5 PM
FRIDAY 08.10.2021	LEC SGD BI 6.15 DESCRIBE THE ABNORMALITIES OF KIDNEY, LIVER, THYROID AND ADRENAL GLANDS VI GM, PATH HI AN, PY	PCV	PCV	PCV	
SATURDAY 09.10.2021	SDL BI 8.5 Summarize the nutritional importance of commonly used items of food including fruits and vegetables. (macro- molecules & its importance) & Tutorials VI CM, GM, PEDIA	LEC, SGD CM 5.6 Enumerate and discuss the National Nutrition Policy, important national nutritional Programs including the Integrated Child Development Services Scheme (ICDS) etc	LEC SGD PY 10.9 Name the brain areas involved in different types of learning and memory. * Define synaptic plasticity, long-term potentiation (LTP), long-term depression (LTD), habituation, and sensitization, and their roles in learning and memory.	ECE PY * Describe the various types of amnesia. Describe features of Alzheimer's disease.	SDL AN 77.1-77.2 General Embryology - 1 3-5PM SPORTS
SUNDAY 10.10.2021	HOLIDAY				

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☐ AETCOM

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☐ ECE

Week 37

DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM
MONDAY 11.10.2021	LEC SGD PY 10.9 Describe the areas in the brain involved in speech and language. * Trace the pathway for speech and understand the theory of speech production. * List the types of aphasia and give the salient features of each.	LEC AN56.1 Introduction to Neuroanatomy VI GM	PRAC DOAP AN 56.1 Introduction to Neuroanatomy	DOAP PY 10.11 Cranial Nerves
TUESDAY 12.10.2021	LEC AN 56.1,56.2 Meninges of brain and CSF VI GM HI PY	ECE PY 9.8 Physiology of Pregnancy & Parturition	PRAC DOAP AN 56.1,56.2 Meninges of brain and CSF	DOAP PY 10.11 Cranial Nerves
				SGD BI 11.16 Discuss and interpret results of Immunodiffusion
WEDNESDAY 13.10.2021	LEC AN 64.1 Histology: cerebrum, cerebellum and spinal cord	Feedback AND Formative assessment	ECE PY 9.8 Physiology of Pregnancy & Parturition	DOAP PY 10.11 Cranial Nerves
				SGD BI 11.16 Discuss and interpret results of Immunodiffusion
THURSDAY 14.10.2021	LEC SGD PY 10.10 Describe and discuss chemical transmission in the nervous system. (Outline the psychiatry element). VI psychiatry	LEC AN 64.2 Embryology: CNS-I	DOAP SGD AN 64.1 Histology practical (Batch A) DOAP SGD AN 64.2 Embryology models (Batch B)	DOAP PY 10.11 Cranial Nerves

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DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM	4 PM - 5 PM
FRIDAY 15.10.2021	HOLIDAY				
SATURDAY 16.10.2021	ECE Lec / SGD/ BI 8.4 Describe CAUSES EFFECTS AND HEALTH RISKS ASSOCIATED WITH OBESITY/ OVERWEIGHT	CM 5.7, 5.8 LEC, SGD Describe food hygiene Describe and discuss the importance and methods of food fortification and effects of additives and adulteration	LEC SGD PY 10.13 Describe and discuss perception of smell and taste Sensation VI ENT	DOAP SGD AN 64.1 Histology practical (BatchB) DOAP SGD AN 64.2 Embryology models (BatchA)	DOAP SGD AN 64.1 Histology practical (Batch B) DOAP SGD AN 64.2 Embryology models (Batch A) 3-5PM SPORTS
SUNDAY 17.10.2021	HOLIDAY				

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Week 38

DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM
MONDAY 18.10.2021	LEC SGD PY 10.14 Describe and discuss pathophysiology of altered smell and taste sensation	LEC AN 62.6 Blood supply of the brain VI GM HI PY	DOAP PRAC SGD AN 62.6 Blood supply of the brain	DOAP PY 10.11 Cranial Nerves
TUESDAY 19.10.2021	LEC AN57.1 to AN57.2 Spinal cord - I	LEC SGD PY 10.15 Describe the components and functions of the external, middle, and inner ear. Describe middle ear functions: impedance matching and tympanic reflex VI ENT	DOAP PRAC SGD AN57.1 to AN57.2 Spinal cord - I	DOAP PY 10.11 Cranial Nerves Revision of Urine ANALYSIS
WEDNESDAY 20.10.2021	HOLIDAY			
THURSDAY 21.10.2021	LEC PY 10.15 Describe the cochlea; draw and describe the organ of Corti. * Describe the theory of transduction of sound	LEC AN57.3 to AN57.5 Spinal cord -II VI GM HI PY	LEC SGD AN58.1 to AN58.4, AN62.1 BRAIN STEM-1 MEDULLA VI GM HI PY	DOAP PY 10.11 Cranial Nerves

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DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM		2 PM - 4 PM	4 PM - 5 PM
FRIDAY 22.10.2021	SDL BI10.3Describe the cellular and humoral components of the immune system & describe the types and structure of antibody VI OBG, GM PATH	LEC AN-64.3 Embryology: CNS-II VI OBG HI PY	DOAP AN58.1 to AN58.4, Brain stem - I (Medulla) (Batch A) SGD AN62.1 TO AN64.3 Embryology models (Batch B)		DOAP AN58.1 to AN58.4, Brain stem - I (Medulla) (Batch B) SGD AN62.1 TO AN64.3 Embryology models (Batch A)	
SATURDAY 23.10.2021	SDL BI10.3Describe the cellular and humoral components of the immune system & describe the types and structure of antibody VI OBG, GM PATH	CM 13.1,13.2 LEC, TUTORIAL concept of Disaster management, Disaster management CYCLE	SGD PY 10.15 Trace the auditory pathway. Name Auditory cortical areas.	ECE: AN Observe clinical examination of a case of stroke (Hospital visit)	ECE: AN Observe clinical examination of a case of stroke (Hospital visit)	3-5PM SPORTS
SUNDAY 24.10.2021	HOLIDAY					

Rajeev Kataria
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Week 39

DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM – 4 PM
MONDAY 25.10.2021	LEC SGD PY 10.16 Describe and discuss pathophysiology of deafness. Describe hearing tests VI ENT	LEC AN59.1 to AN59.3 Brain stem –II (Pons) HI PY	DOAP SGD AN59.1 to AN59.3 Brain stem –II (Pons)	DOAP PY 10.20 Tuning fork tests
TUESDAY 26.10.2021	LEC AN61.1 to AN61.3 Brainstem – III (Midbrain) VI GM HI PY	LEC SGD PY 10.17 Describe and discuss functional anatomy of eye, physiology of image formation, VI OP	SGD, DOAP AN61.1 to AN61.3 Brainstem –III (Midbrain)	DOAP PY 10.20 Tuning fork tests Formative assessment of quantitative ESTIMATIONS
WEDNESDAY 27.10.2021	LEC AN 60.1 -60.3 Cerebellum VI GM HI PY	LEC SGD BI10.4 Describe & discuss innate and adaptive immune responses, self/nonself recognition and the central role of T-helper cells in immune responses. VI- GM, PATH HI PY	LEC SGD PY 10.17 Physiology of vision including colour vision, refractive errors, VI OP	DOAP PY 10.20 Tuning fork tests Formative assessment of quantitative ESTIMATIONS
THURSDAY 28.10.2021	LEC SGD PY 10.17 colour blindness VI OP	AN Formative assessment and test	AN Formative assessment and test	DOAP PY 10.20 Tuning fork tests

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DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM		2 PM - 4 PM	4 PM - 5 PM
FRIDAY 29.10.2021	LEC SGD BI10.5 Describe antigens and concepts involved in vaccine development VI -PEDIA, PATH, MICROBIOLGY	LEC AN 73.1 Chromosomes	SGD AN 73.1 Chromosomes (BATCH A) DOAP SGD AN60.1 to AN60.3 Cerebellum (Batch B)		SGD AN 73.1 Chromosomes (BATCH b) DOAP SGD AN60.1 to AN60.3 Cerebellum (Batch a)	
SATURDAY 30.10.2021	ECE BI DISCUSS THE TYPES, REGIMEN AND ADR OF CORONA VACCINE	CM 13.3, LEC, TUTORIAL Describe manmade disasters in the world and in India.	LEC SGD PY 10.17 physiology of pupil and light reflex VI OP	SDL AN 77.3- 77.6 General Embryology -2	SDL AN78.1- 78.3 General Embryology -3	3-5PM SPORTS
SUNDAY 31.10.2021	HOLIDAY					

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Week 40

DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM
MONDAY 01.11.2021	LEC SGD PY 10.18 Describe and discuss the physiological basis of lesion in visual pathway VI OP	LEC AN63.1 4 th ventricle HI PY	DOAP SGD PRAC AN63.1 4 th ventricle	DOAP PY 10.20 Testing of visual acuity, colour vision
TUESDAY 02.11.2021	LEC AN 62.2 Cerebrum (Sulci and Gyri)	LEC SGD PY 10.18 Describe and discuss the physiological basis of lesion in visual pathway VI OP	SGD, DOAP PRAC AN 62.2 Cerebrum (Sulci and Gyri)	DOAP PY 10.20 Testing of visual acuity, colour vision Practical Revision
WEDNESDAY 03.11.2021	LEC AN 62.2 Cerebrum (functional areas) HI GM VI PY	FORMATIVE ASSESSMENT AND TEST	PY10.19/SGD 9.9, 9.10 Describe and discuss auditory & visual evoke potentials Pregnancy test & Semen Analysis.	DOAP PY 10.20 Testing of visual acuity, colour vision Revision Practical Revision
THURSDAY 04.11.2021	HOLIDAY			

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DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM		2 PM - 4 PM	4 - 5 PM
FRIDAY 05.11.2021	LEC SGD, BI 8.3 PROVIDE DIETARY ADVICE FOR OPTIMAL HEALTH IN CHILDHOOD AND ADULT, IN DISEASE CONDITION LIKE DM VI GM	LEC SGD AN74.1 to AN74.4 Patterns of inheritance	PRAC DOAP AN62.2 Cerebrum (functional areas) (Batch A) SGD AN74.1 to AN74.4 Patterns of inheritance (Batch B)		PRAC DOAP AN62.2 Cerebrum (functional areas) (Batch B) SGD AN74.1 to AN74.4 Patterns of inheritance (Batch A)	
SATURDAY 06.11.2021	LEC SGD, BI 8.3 PROVIDE DIETARY ADVICE FOR OPTIMAL HEALTH IN CHILDHOOD AND ADULT, IN DISEASE CONDITION LIKE CORONARY ARTERY DISEASE VI GM	LEC, TUT, CM 13.4 Describe the details of the National Disaster management Authority.	PY Formative assessment And test	ECE: AN observe clinical features of Turners syndrome (video based/ photographs based)	SDL AN 78.3 Embryology- Implantation & its sites	3-5PM SPORTS
SUNDAY 07.11.2021	HOLIDAY					

Rayan hospital

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Week 41

DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM
MONDAY 08.11.2021	SGD LEC PY 11.1 Describe and discuss mechanism of temperature regulation	LEC AN 62.3 White matter of the brain VI GM HI PY	SGD AN 62.3 White matter of the brain	DOAP PY 10.20 Perimetry
TUESDAY 09.11.2021	LEC AN62.5, AN63.1 Diencephalon and 3 rd ventricle VI GM HI PY	LEC SGD PY 11.2 Describe and discuss adaptation to altered temperature (heat and cold)	PRAC DOAP AN62.5, AN63.1 Diencephalon and 3 rd ventricle VI GM HI PY	DOAP PY 10.20 Perimetry Practical revision
WEDNESDAY 10.11.2021	LEC AN 63.1,63.2 Lateral ventricle	LEC SGD, BI 8.3 PROVIDE DIETARY ADVICE FOR OPTIMAL HEALTH IN PREGNANCY VI GM	LEC SGD PY 11.3, 11.4 Describe and discuss mechanism of fever, cold injuries and heat stroke Describe and discuss cardiorespiratory and metabolic adjustments during exercise; physical training effects	DOAP PY 10.20 Perimetry Revision Practical revision
THURSDAY 11.11.2021	LEC PY 11.5 Describe and discuss physiological consequences of sedentary lifestyle	LEC AN 75.1-75.3 Principles of genetics, Chromosomal aberrations and clinical genetics - I VI PEDIATRICS	SGD AN 75.1-75.3 Principles of genetics, Chromosomal aberrations and clinical genetics - I	DOAP PY 10.20 Perimetry revision

Signature

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Week 42

DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM
MONDAY 15.11.2021	LEC SGD PY 11.7 Describe and discuss physiology of aging; free radicals and antioxidants	LEC AN81.1 to AN81.3 Prenatal Diagnosis	SGD AN81.1 to AN81.3 Prenatal Diagnosis	DOAP PY 11.14 Demonstrate Basic Life Support in a simulated Environment
TUESDAY 16.11.2021	PCV	Formative assessment And feedback	PCV	DOAP PY 11.14 Demonstrate Basic Life Support in a simulated environment Practical revision
WEDNESDAY 17.11.2021	PCV	SDL BI EXPLAIN THE CALORIFIC VALUE OF COMMON INDIAN FOODS VI PEDIA	LEC SGD PY 11.8 Discuss & compare cardiorespiratory changes in exercise (isometric and isotonic) with that in the resting state and under different environmental conditions (heat and cold)	SGD, PY 6.9 Clinical Examination of Respiratory System (Revision) Practical revision
THURSDAY 18.11.2021	LEC SGD PY 11.9 Interpret growth charts Interpret anthropometric assessment of infants VI PEDIATRICS	PCT	PCT	SGD, PY 6.9 Clinical Examination of Respiratory System (Revision)

Rayan Khaty

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DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM	4 PM - 5 PM
FRIDAY 12.11.2021	LEC, SGD BI 11.15 DESCRIBE AND DISCUSS THE COMPOSITION OF CSF	LEC AN 62.4 Basal ganglia and limbic lobe VI GM HI PY	SGD AN 62.4 Basal ganglia and limbic lobe	LEC SGD Principles of genetics, Chromosomal aberrations and clinical genetics - II VI PEDIATRICS, OBG	
SATURDAY 13.11.2021	ECE LEC, SGD BI 11.15 INTREPRET THE RESULTS OF BIOCHEMICAL INDICES IN CSF	LEC, SGD CM 14.1 Define and classify hospital waste	LEC SGD PY 11.6/9.11 Describe physiology of Infancy; Discuss the hormonal changes and their physiologic effects during perimenopause and menopause. VI Pediatrics	SDL AN 78.4- 78.5 Embryology- Formation of Extra- embryonic mesoderm & coelom	SDL AN 79.1, 79.2 Embryology- Formation and fate of Primitive streak and notochord
SUNDAY 14.11.2021	HOLIDAY				

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DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM	4 PM - 5 PM
FRIDAY 19.11.2021	HOLIDAY				
SATURDAY 20.11.2021	SGD , SEMINAR BI 5.4 COMMON DISORDERS OF PROTEIN METABOLISM	LEC, TUT CM 14.2 Describe various methods of treatment of hospital waste.	SGD PY 11.11 Discuss the concept, criteria for diagnosis of Brain death and its implication s VI GM	SDL AN79.3, 79.4,79.5& 79.6 Embryology - Process of Neurulation & Formation of somites and intra- embryonic coelom	SDL AN80.1 to 80.7 Embryology- Fetal membranes & Placenta 3-5PM SPORTS
SUNDAY 21.11.2021	HOLIDAY				

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Week 43

DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM
MONDAY 22.11.2021	LEC SGD PY 11.12 Discuss the physiological effects of meditation	SDL Abdomen -I REVISION	DOAP SGD Abdomen -I REVISION	SGD PY 5.15 Clinical Examination of CVS (Revision)
TUESDAY 23.11.2021	SDL Abdomen -II	LEC SGD PY 7.1 Describe structure and function of kidney	DOAP SGD Abdomen -II Abdomen -III	SGD PY 5.15 Clinical Examination of CVS (Revision) Practical revision
WEDNESDAY 24.11.2021	SDL Abdomen -III	SGD, SEMINAR INBORN ERRORS OF CARBOHYDRATE METABOLISM	LEC SGD PY 7.2 Describe the structure and functions of the juxtaglomerular apparatus. * Outline the cascade of reactions that lead to the formation of angiotensin II and its metabolites in the circulation. List the functions of angiotensin II and the receptors on which it acts to carry out these functions. *. Describe the role of renin-angiotensin system in health and disease.	SGD PY 10.11 Examination of Sensory & Motor System (Revision) Practical revision
THURSDAY 25.11.2021	LEC SGD PY 7.3 ultrastructure of glomerulocapsular filtration barrier. * Define glomerular filtration rate, describe how it can be measured, and list the major factors affecting it	SDL Pelvis- I	DOAP SGD Pelvis- I	SGD PY 10.11 Examination of Sensory & Motor System (Revision)

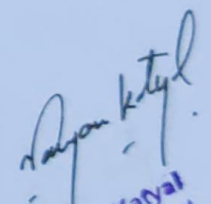
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☐ ANATOMY
 ☐ PHYSIOLOGY
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 ☐ COMMUNITY MEDICINE
 ☐ SPORTS
 ☐ AETCOM
 ☐ HORIZONTAL
 ☐ VERTICAL
 ☐ ECE

DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM		2 PM - 4 PM	4 PM - 5 PM
FRIDAY 26.11.2021	SGD , LEC, SEMINAR INBORN ERRORS OF LIPID METABOLISM	SDL Pelvis- II	DOAP SGD Pelvis- II		DOAP SGD Pelvis- I, Pelvis- II	
SATURDAY 27.11.2021	ECE : SGD BI CHOOSE AND INTREPRET A LIPID PROFILE AND IDENTIFY THE DESIRABLE LIPID PROFILE IN CLINICAL CONTEXT	LEC, SGD TUT CM 14.3 Describe laws related to hospital waste management	LEC SGD PY 7.3 Understand the mechanism of tubuloglomerula r feedback and glomerulotubula r balance	SDL AN 73.1 Chromosomes	SDLAN74.1 to AN74.3 Patterns of inheritance I	3-5PM SPORTS
SUNDAY 28.11.2021	HOLIDAY					


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Week 44

DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM
MONDAY 29.11.2021	LEC SGD PY 7.3 List the major sites of reabsorption of solutes in the nephron. * Describe mechanisms of tubular reabsorption. * Outline tubular handling of Na ⁺ and water	SDL Pelvis- III	DOAP SGD Pelvis- III	DOAP PY 5.12 Recording of Exercise & Posture on Blood pressure (Revision)
TUESDAY 30.11.2021	SDL Head and Neck-I	LEC SGD PY 7.3 Describe the functions of antidiuretic hormone. Describe how the countercurrent mechanism in the kidney operates to produce hypertonic or hypotonic urine. * Understand the concept of obligatory and facultative reabsorption of water.	DOAP SGD Head and Neck-I	DOAP PY 5.12 Recording of Exercise & Posture on Blood pressure (Revision) Practical revision
WEDNESDAY 01.12.2021	SDL Head and Neck-II	SGD, SEMINAR DNA REPLICATION	LEC SGD PY 7.3, 7.4 Describe disorders of renal concentrating or diluting ability, * List the diuretics and give their mechanism of action. Describe & discuss the significance & implication of Renal clearance	DOAP PY 6.8/6.10 Spirometry- lung volume and capacities (Revision) Practical revision
THURSDAY 02.12.2021	ECE PY 7.4 Describe & discuss the significance & implication of Renal clearance	SDL Head and Neck-II	DOAP SGD Head and Neck-III	DOAP PY 6.8/6.10 Spirometry- lung volume and capacities (Revision)

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DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM	4 PM - 5 PM
FRIDAY 03.12.2021	SGD SEMINAR TRANSCRIPTION	SDL Head and Neck-III	DOAP SGD Head and Neck-IV	DOAP SGD Head and Neck-IV	
SATURDAY 04.12.2021	SGD SEMINAR TRANSLATION	LEC, SGD CM 17.5 Describe Health care delivery in India	LEC SGD PY 7.5 List the principal buffers in blood, interstitial fluid, and intracellular fluid, and, using the Henderson-Hasselbalch equation,	SGD PY 7.5 Describe what is unique about the bicarbonate buffer system.	SDL AN74.4 Patterns of inheritance II
SUNDAY 05.12.2021	HOLIDAY				

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Week 45

DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM
MONDAY 06.12.2021	LEC SGD PY 7.5 Outline the processes involved in the secretion of H ⁺ into the tubules and discuss the significance of these processes in the regulation of acid-base balance. HI BI	SDL Head and Neck-V	DOAP SGD Head and Neck-V	SGD PRAC PY 3.18 Amphibian Experiments (Revision)
TUESDAY 07.12.2021	SDL Head and Neck-VI	LEC SGD PY 7.5 Describe renal mechanisms of conserving bicarbonate. Describe acidosis and alkalosis. Describe the respiratory and renal compensations for these conditions. HI BI	DOAP SGD Head and Neck-VI	SGD PRAC PY 3.18 Amphibian Experiments (Revision) Test for nutrition practical
WEDNESDAY 08.12.2021	SDL Thorax-I	SDL RT PCR	LEC SGD PY 7.2 Understand the relation of functional anatomy of urinary bladder with its functions. SGD PY 7.2 Describe the neural control of the bladder. Describe the disorders of bladder function VI GM	SGD PRAC PY 2.11 RBC and WBC Count (Revision) Test for nutrition practical
THURSDAY 09.12.2021	SGD PY 7.7 ECE Describe artificial kidney, dialysis and renal transplantation VI GM	SDL Thorax-I	DOAP SGD Thorax-II	SGD PRAC PY 2.11 RBC and WBC Count (Revision)

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DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM		2 PM - 4 PM	4 PM - 5 PM
FRIDAY 10.12.2021	SGD SEMINAR UREA CYCLE	SDL Thorax-III	DAOP SGD Thorax-I, Thorax-II, Thorax-III		DOAP SGD Thorax-I, Thorax-II, Thorax-III	
SATURDAY 11.12.2021	SGD SEMINAR ELECTROMN TRANSPORT CHAIN	SDL DISCUSS HELATH POLICY IN INDIA	LEC SGD PY 7.8/7.9 Describe cystometry and discuss the normal cystometrogram Describe & discuss Renal Function Tests H/ B/	SDL AN75.1 to AN75.3 Principles of genetics, Chromosomal aberrations and clinical genetics - I	SDL AN 75.4-75.5 Principles of genetics, Chromosomal aberrations and clinical genetics - II	3-5PM SPORTS
SUNDAY 12.12.2021	HOLIDAY					

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Dr. Rajan Karyal
Professor & Head
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Week 46

DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM
MONDAY 13.12.2021	LEC SGD PY 8.1 Outline calcium metabolism with regard to: Forms of total serum calcium. Daily calcium requirements. Daily inter organ calcium fluxes. Intestinal absorption of calcium. Role of the kidneys in excretion of calcium. Sites of calcium storage.	SDL Thorax-IV	DOAP SGD Thorax-IV	SGD PRAC PY 2.11 DLC (Revision)
TUESDAY 14.12.2021	SDL Lower Limb-I	LEC SGD PY 8.1 Pools of calcium storage. Cells involved. Functions of each cell type. List the mechanism of action of parathormone, calcitonin, and vitamin D3 in the regulation of calcium homeostasis.	DOAP SGD Lower Limb-I	SGD PRAC PY 2.11 DLC (Revision) Practical revision
WEDNESDAY 15.12.2021	SDL Lower Limb-II	SGD SEMINAR LIVER FUNCTION TEST	SGD PY 8.1/8.3 List the clinical features of (a) hypo- and hypercalcemia, (b) hypo- and hyperparathyroidism, (c) osteoporosis, and (d) osteomalacia Describe the physiology of Thymus & Pineal Gland	SGD PRAC PY 2.11 Hb Estimation/ BT, CT/ Blood group (Revision) Practical revision
THURSDAY 16.12.2021	LEC SGD PY 8.2 List the hypothalamic hormones involved in the control of pituitary hormone secretion.	SDL Lower Limb-III	DOAP . SGD Lower Limb-II, Lower Limb-III	SGD PRAC PY 2.11 Hb Estimation/ BT, CT/ Blood group (Revision)

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Dr. Rajen Khatwal
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DAY / DATE	9 AM -10 AM	10 AM -11 AM	11 AM - 1 PM	2 PM - 4 PM	4 PM - 5 PM
FRIDAY 17.12.2021	SGD SEMINAR KIDNEY FUNCTION TEST	SDL Upper Limb	DOAP, SGD UPPER LIMB	DOAP SGD UPPER Limb	
SATURDAY 18.12.2021	SGD THYROID FUNCTION TEST	SDL WASTE MANAGEMENT IN HOSPITALS	SGD PY 8.2 List the hormones secreted by the different parts of the pituitary	SDL AN81.1 to AN81.3 Prenatal Diagnosis	SDL AN 58.4 Lateral Medullary Syndrome MEDIAL Medullary Syndrome 3-5PM SPORTS
SUNDAY 19.12.2021	HOLIDAY				

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Send up week 47 and 48

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