KING GEORGE'S MEDICAL UNIVERSITY, U.P. LUCKNOW
FOUNDATION COURSE-MBBS 2020

Days	Sessions		Time
1st Jan (Fri)	• Welcome address	Dean faculty of Medicine	10-10:30 am
	• Welcome address	Dean faculty of Dental Sciences	10:30-11:00am
	• Introduction of Heads of phase 1 and members of administrative bodies (FC 1.5)	Dean faculty of Medicine	11:00-11:30am
	• Welcome address and facilities for students (FC 1.5)	Dean Student Welfare	11:30-12 noon
	• Anti-Ragging rules (FC 1.4)	Proctor, KGMU	12:00-1:00pm
	• Rules and regulations of hostels (FC 1.4) • Name and contact details of Provosts of Hostels	Chief Provost	1:00-1:30pm
	• Welcome by KGMU Alumni Association (FC 1.5)	Dr Sudhir Dr Rishi Sethi	1:30-2:00pm
4th Jan (Mon)	• Past, present, future of KGMU (FC 1.5)	Dr Diwakar Dalela	10-11:00am
	• Academic ambience (FC 1.6)	Dr Rishi Sethi	11-12:00noon
	• Research opportunities (FC 1.6)	Faculty In-charge Research cell	12-12:30pm
	• Student exchange program, Scholarships (FC 1.6)	Faculty In-charge Student exchange program	12:30-1pm
	• Library facilities (FC 1.5)	Honorary Librarian	1-2pm
5th Jan (Tue)	• Sports facilities in campus (FC 1.5)	In-charge Athletic association	10-11am
	• Extracurricular Activities in campus (FC 1.5)	Faculty In-charge Cultural activities	11-12 noon
	• Virtual tour of College Campus (FC 1.5)	Dean Quality and planning	12-1 pm
	• Registration on Alumni portal (FC 1.5)	Dean Quality and planning	1-2pm
6th Jan (Wed)	• Introduction of faculty and Department of Anatomy (FC 1.5)	Head Department of Anatomy	10-11am

	• Introduction of faculty and Department of Physiology (FC 1.5)	Head Department of Physiology	11-12noon
	• Introduction of faculty and Department of Biochemistry (FC 1.5)	Head Department of Biochemistry	12-1pm
	• Introduction of faculty and Department of Community Medicine (FC 1.5)	Head Department of Community Medicine	1-2pm
	• Extracurricular activity (Task)		3-5 pm

Days	10-11 am	11-12 noon	12-1 pm	1-2 pm	3-5 pm
7th Jan (Thurs)	• MBBS Program (FC 1.7, FC 1.8)		• Mentorship and its importance (FC 4.11)		• Role of Doctor's in society (Assignment and SDL) (FC 1.1, FC 1.2)
8th Jan (Fri)	• Role of Doctor's in society (Dr Ridhi) (FC 1.1, FC 1.2		• Extracurricular activity		• Mentorship and its importance (FC 4.11)(Assignment and SDL)
11th Jan (Mon)	• Expectations of IMG (FC 1.3)		• Principles of family practice (FC 1.9)		
12th Jan (Tue)	• National health priorities and policies (FC 3.1, FC 3.2)	• Environmental health problems (FC 3.2)	• Health care system & its delivery(FC 3.3, FC 3.5)		• Extracurricular activity (Task)

13th Jan (Wed)	• Bio-safety and universal precautions, Infection prevention and control training (FC 2.3)			• Stress management (FC 4.7)(Assignment and SDL)
14th Jan (Thurs)	• Adolescent friendly exposure (FC 4.6)	• Workshop on Stress management (FC 4.7)		• Group dynamics(FC 4.4, 4.10, 4.12)(Assignment and SDL)
15thJan (Fri)	• Workshop on Group dynamics (FC 4.4, 4.10, 4.12)	• Extracurricular activity		• Learning skills(FC 4.13, 4.14, 4.15)(Assignment and SDL)
18th Jan (Mon)	• Guided Meditation(FC 4.8)	• Workshop on Learning skills(FC 4.13, 4.14, 4.15)		• Ethical dilemmas in medicine (Assignment and SDL)
19thJan (Tue)	• Bio-waste management (FC 2.4)	• Hand washing technique (FC 2.5)	• Needle, scalpel stick injury (FC 2.6)	• Time management(FC 4.9)(Assignment and SDL)
20th Jan (Wed)	• Healthy life style (FC 4.8)	• Workshop on Time management (FC 4.9)		
21st Jan (Thurs)	• Professionalism (FC 4.1, 4.3)	• Concept of Professionalism and ethics and Ethical dilemmas in medicine (FC 4.1, 4.2, 4.3)		• Assignment on value, honesty and respect during interaction with peers and seniors (FC 4.3)
22nd Jan (Fri)	Workshop on First aid (FC 2.2)			

25th Jan (Mon)	How to use online resources (FC 5.5)	Accessing e-library KGMU (FC 1.5)	E world pros and cons (FC 5.5)	

S No	Module	Number of hours (Including online and offline mode)
1	Orientation Module	27+3=30
2	Skills Module	12+23=35
3	Community orientation module	4+4=8
4	Professional Development and Ethics Module	34+6=40
5	Enhancement of Language and Computer Skills Module	3+43=46
6	Sports and extracurricular activities	8+16=24

Activity	**Faculty In-Charge**
Sports	Dr RK Dixit, Dr Jagdish Narayan, Dr RK Diwan, Dr Garima Sehgal(Member Athletic association)
Extracurricular activities	Dr Raja Rupani, Dr Anand Srivastava, Dr Shiuili, Dr Sangeeta (Member Cultural Committee)
Computer Course	Dr Sravesh Singh (Computer lab incharge)
Language course	Dr Ranjana, Dr Kalpana (English teacher will be hired, peer assisted teaching)
Campus Visit	Dr RK Diwan, Dr Jagdish Narayan, Dr Sonkar
OPD Visit	Dr Manish Bajpai, Dr RK Verma, Dr Kaleem
IPD Visit	Dr AK Pankaj, Dr Dileep, Dr Shweta Kumari

KING GEORGE'S MEDICAL UNIVERSITY, U.P. LUCKNOW

TIME TABLE OF PHASE I OF MBBS 2020 BATCH

Subject	Lectures (Hours)	Small group teaching/Integrated teaching/ Tutorials/Practical (hours)	Self-directed learning (hours)	Total (hours)
Anatomy	198	437	41	676
Physiology	162	310	25	497
Biochemistry	80	154	20	254
Community Medicine	20	27	5	52
Early Clinical Exposure				90
Attitude, Ethics and Communication				34
Sports and Extracurricular activity				61
Formative Assessment and Terminal Examination				94
Total				1758

Aligned and Integrated topics:

- Anaemia
- Renal Failure
- Congestive heart failure
- Spinal cord compression
- Thyroid gland disorder

29/11/21

Dean Faculty of Medicine
King George's Medical University,
UP, Lucknow

Dean
Faculty of Medicine
K.G. Medical University, U.P.
Lucknow

KING GEORGE'S MEDICAL UNIVERSITY, U.P. LUCKNOW
TIME TABLE OF PHASE I (MBBS, 2020 BATCH)
DEPARTMENT OF ANATOMY, PHYSIOLOGY, BIOCHEMISTRY & COMMUNITY MEDICINE
BLOCK I
GENERAL ANATOMY, HISTOLOGY AND EMBRYOLOGY, LOWER LIMB,
GENERAL PHYSIOLOGY, MUSCLE-NERVE, BLOOD & IMMUNITY
BASIC BIOCHEMISTRY, CHEMISTRY OF CARBOHYDRATES & LIPIDS, STRUCTURE AND FUNCTION OF PROTEINS,HEMOGLOBIN, VITAMINS AND MINERALS
1st week

Days	8-9am	9-10 am.	10-11 am.	11-12 am.	12-1 pm.	1-2 pm.	2-4 pm.	4 - 5 pm.
MONDAY 1stFeb (Day 01)	**Address by Hon'ble Vice Chancellor** **White Coat Ceremony (FC 4B)**						**Foundation Course** Visit of Campus (FC 1.5)	
TUESDAY 2ndFeb (Day 02)	BIOCHEMISTRY [L] Introduction to Biochemistry [BI1.1]	ANATOMY [L] Introduction & History of Anatomy [AN 1.1	ANATOMY [L] Anatomical Terminology [AN1.1]	ANATOMY [L] Bones I [AN1.2, AN2.1, 2.2,2.3, 2.4] **VI**	PHYSIOLOGY (L) PY 1.1,1.3,1.4,1.9 (VI-PA) Introduction to physiology, The Cell & its functions, Body fluid compartments, ionic composition		**LAB Introduction to Lab** HUMAN LAB- AB BATCH EXP LAB- CD BATCH HEMAT LAB - EF BATCH PHYSIOLOGY BIOCHEM LAB - GH BATCH Lab Introduction (Commonly used laboratory apparatus in biochemistry [BI11.1] lab)[BI	
WEDNESDAY 3rdFeb (Day 03)	PHYSIOLOGY (L) PY 1.6 (HI-BI) Homeostasis Feedback Mechanisms	PHYSIOLOGY (L) PY 1.2[L] Transport across the cell Membrane	PHYSIOLOGY (SGT) PY1.9,9.1,1.4(VI) Cell division: Mitosis Phases of cell cycle, apoptosis Nernst potential Electrotonic potential	ANATOMY [L] Bones II [AN1.2, AN2.1, 2.2,2.3, 2.4] **VI**	ANATOMY [L] Introduction to microanatomy, Principles of light and electron microscopy [HI)		ANATOMY [L] Joints [AN 2.5, 2.6] **VI**	
THURSDAY 4thFeb (Day 04)	PHYSIOLOGY (L) PY 1.5 Bioelectric Potential RMP	ANATOMY [L] Introduction to nervous system [AN 7.1-7.8] **HI**		ANATOMY [L] Introduction to developmental anatomy [AN76.1,76.2]**VI**	PHYSIOLOGY (SGT) PY 1.2 Osmosis and diffusion	**LUNCH**	Physiology AETCOM Module 1.1 What does it mean to be a doctor? [Small group]	
FRIDAY 5thFeb (Day 05)	BIOCHEMISTRY [SGT] Good Laboratory Practice and Biomedical waste management in Biochemistry Lab [11.1]	BIOCHEMISTRY [SGT] Good Laboratory Practice and Biomedical waste management in Biochemistry Lab [11.1]	BIOCHEMISTRY [SGT] Good Laboratory Practice and Biomedical waste management in Biochemistry Lab [11.1]	ANATOMY [L] General principles of Radiological Anatomy	COMMUNITY MEDICINE (L) Concept of Public health CM 1.1		ANATOMY [L] Vascular and Lymphatic system [AN5.1- 5.8,AN6.1, 6.2, 6.3] **VI,HI**	**Foundation Course** Sports
SATURDAY 6thFeb (Day 06)	ANATOMY [L] Muscular system [AN3.1,3.2, 3.3] **15.**	BIOCHEMISTRY [L] Structure and functional organization of a cell and its subcellular components [BI1.1] (HI-PY 1.1, AN 65.2)	PHYSIOLOGY (L) PY 1.5 Action Potential & its properties	**PHYSIOLOGY LAB ORIENTATION TO LAB** HUMAN LAB - PHYSIOLOGY LAB INTRODUCTION TO LAB HUMAN LAB - GH EXP LAB - AB HEMAT LAB - CD **BIOCHEM LAB INTRODUCTION -EF** Lab Introduction [BI11.1] (Commonly used laboratory apparatus iniochemistry lab)			Foundation Course Visit to OPD (FC 3.4, 3.6, 5.1)	

2 week

Days	8-9am	9-10 am.	10-11 am.	11-12 am.	12-1 pm.	1-2 pm.	2-4 pm.	4-5 pm.
MONDAY 8th Feb (Day 7)	PHYSIOLOGY (L) **AITo - Anemia** PY 3.8,1.8 Introduction, Components of blood	PHYSIOLOGY (SGT) PY 1.5 Inter Cellular junctions, Cell adhesion molecules	BIOCHEMISTRY [SGT] Structure and functional organization of a cell and its subcellular components [BI1.1] (HI-PY 1.1, AN 65.2)	ANATOMY [L] Gametogenesis [AN 77.2- 77.6]VI	ANATOMY [L] Epithelium - I [AN65.1, 65.2, 43.3]		HISTOLOGY LAB [DOAP] Epithelium - I [AN65.1, 65.2, 43.3	**Foundation Course** Visit to IPD (FC 3.4, FC 3.6,FC 5.1)
TUESDAY 9th Feb (Day 08)	BIOCHEMISTRY [L] Carbohydrates Chemistry–Importance, Classification, Monosaccharides [BI3.1]	ANATOMY [L] Epithelium - II [AN65.1, 65.2,43.3]	HISTOLOGY LAB [DOAP] Epithelium - II [AN65.1, 65.2, 43.3]		PHYSIOLOGY (L) **AITo - Anemia** PY 3.8,1.8 Plasma Proteins		**PHYSIOLOGY LAB Introduction** to Lab HUMAN LAB-EF EXP LAB - GH HEMAT LAB - AB **BIOCHEM - CD** **Lab Introduction** (Commonly used laboratory apparatus in biochemistry lab)[BI11.1]	**Foundation Course** Computer/ Language class
WEDNESDAY 10th Feb (Day 09)	PHYSIOLOGY (L) **AITo - Anemia** PY3.3 Erythropoiesis structure of RBC	PHYSIOLOGY (L) **AITo - Anemia** PY 3.5, 3.6, 3.13(VI-AS, PH, PA) Fate of RBC and Hemoglobin, jaundice Thalassemia	PHYSIOLOGY (SGT) PY 3.2 Differences between local potential & AP, Properties of AP	ANATOMY AETCOM Module 1.5 Cadaver as a first teacher [Large group]		**LUNCH**	ANATOMY [SGT] Hip bone I (AN14.1;AN14.2)	**Foundation Course** Computer/ Language class
THURSDAY 11th Feb (Day 10)	PHYSIOLOGY(L) **AITo - Anemia** PY 3.4 Structure and functions of Hemoglobin	ANATOMY [SGT] Structures met during dissection-Skin & Superficial and deep fascia [AN4.1-4.5]VI	ANATOMY [SGT] Hip bone II (AN14.1;AN14.2) VI	ANATOMY [L] Introduction of lower limb (AN14.1;AN14.2,AN14.3,AN14.4, AN20.10 & Cutaneous innervation of lower limb. (AN 20.3)	PHYSIOLOGY (SGT) **AITo - Anemia** PY 3.8, 1.8 Normal values of blood components		**PHYSIOLOGY LAB Introduction** TO LABS HUMAN - CD EXP - EF HEMAT - GH **BIOCHEM Lab Introduction- AB** (Commonly used laboratory apparatus apparatus in biochemistry lab) [BI11.1] [BI11.1]	**Foundation Course** Computer/ Language class
FRIDAY 12th Feb (Day 11)	BIOCHEMISTRY [L] Carbohydrate chemistry - Reactions of Monosaccharides & Disaccharides [BI3.1]	BIOCHEMISTRY [SGT] Carbohydrate chemistry - Polysaccharides [BI3.1]	BIOCHEMISTRY [SGT] Carbohydrate chemistry - Polysaccharides [BI3.1]	ANATOMY [SGT] Femur I (AN14.1;AN14.2)	**COMMUNITY MEDICINE (L)** **Concept of health, and determinants of health CM 1.2**		ANATOMY [SGT] Femur II (AN14.1;AN14.2)	**Foundation Course** Sports
SATURDAY 13th Feb (Day 12)	ANATOMY [SGT] Patella (AN14.1;AN14.2)	BIOCHEMISTRY [L] Protein Chemistry : Amino acids and Peptides -1 [BI5.1]	PHYSIOLOGY (SGT) **AITo - Anemia** PY 3.8,1.8 Composition and function of blood	PHYSIOLOGY LAB Introduction to labs HUMAN – (AB)- General Examination EXP LAB – (CD)- Introduction & study of apparatus HEMAT LAB – (EF) - Introduction to Microscopy **BIOCHEM LAB (GH)** Chemical (normal and abnormal) components of urine - Briefing [BI11.3]			**Foundation Course** **Visit to BMW Department (FC 2.7)/Basic life support course (FC 2.1)**	

3rd week

Days	8-9am	9-10 am.	10-11 am.	11-12 am.	12-1 pm.	1-2 pm.	2-4 pm.	4 -5 pm.
MONDAY 15thFeb (Day 13)	PHYSIOLOGY (SGT) **AITo - Anemia** PY 3.2 Erythropoisis and its regulation	PHYSIOLOGY (L) **AITo - Anemia** PY3.7 Anemia and its classification	BIOCHEMISTRY [SGT] Protein Chemistry : Functions of proteins and Determination of Primary structure [BI5.1]	ANATOMY [L] Fertilization and Implantation [AN 78.1-78.4] **VI**	ANATOMY [L] Front of thigh I (AN15.2,AN15.3, AN15.4, AN20.3		DISSECTION [DOAP] Dissect & demonstrate front of thigh [AN 15.1-15.3]	ANATOMY **SDL** CBD ON FRACTURE NECK OF FEMUR [L] [AN 17.2]
TUESDAY 16thFeb (Day 14)	BIOCHEMISTRY [L] Protein Chemistry : Proteins Higher Order of Structure -2 [BI5.1]	ANATOMY [L] Front of thigh II (AN15.1,AN15.5) VI	DISSECTION [DOAP] Dissect & demonstrate front of thigh [AN 15.1-15.3]		PHYSIOLOGY (SGT) **AITo - Anemia** PY 3.10, 3.12(VI-IM) Structure of Hemoglobin and types	LUNCH	PHYSIOLOGY LAB. [DOAP] Skill (SK)lab PY.3.18 (CD)- Physiograph – its handling Human(hu) lab PY.11.13 (AB)- Examination of pulse Haematology (HE) lab PY.2.11- (EF)- Preparation of Blood smear & Identification of cells **BIOCHEM LAB(GH)** Urine analysis- Practical (Normal constituent) [BI11.4]	**Foundation Course** Computer/ Language class
WEDNESDAY 17TH Feb (Day 15)	PHYSIOLOGY (L) **AITo - Anemia** PY 3.9 Blood indices and approach to anemia	PHYSIOLOGY (L) PY 3.10, 3.12(VI-IM) WBC	PHYSIOLOGY (SGT) PY 3.2, 3.17(HI) Structure, Function and Identification of WBCs	ANATOMY [SGT] CBD ON FRACTURE NECK OF FEMUR [L] [AN 17.2]	ANATOMY [L] AN 66.1, 66.2 Microstructure of connective tissue **HI VI**		HISTOLOGY LAB [DOAP] Identify Microstructure of connective tissue AN 66.1, 66.2	**Foundation Course** Computer/ Language class
THURSDAY 18TH Feb (Day 16)	PHYSIOLOGY [L] PY 3.9 Platelets	ANATOMY [L] Medial side of thigh (AN 15.1)	DISSECTION [DOAP] Dissect & demonstrate medial side of thigh (AN 15.1)		PHYSIOLOGY [SGT] PY 3.9 Platelets and its applied		PHYSIOLOGY LAB.[DOAP] Skill (SK)lab PY.3.18 (CD)- Simple muscle curve & effect of Temperature Human(hu) lab PY.5.12 (AB)- Abdominal examination Haematology (HE)lab PY.2.11-(EF) - Revision **BIOCHEM LAB(GH)** - Urine analysis (abnormal constituents) [BI11.4]	**Foundation Course** Computer/ Language class
FRIDAY 19TH Feb (Day 17)	BIOCHEMISTRY [**SDL**] Carbohydrate chemistry	BIOCHEMISTRY [SGT] Preparation of buffers and estimation of pH [BI11.2]	BIOCHEMISTRY [SGT] Protein Chemistry : Structure and function relationships in relevant areas (Protein conformation and its pathological consequences) [BI5.1]	ANATOMY [L] Gluteal region I (AN16.1,AN16.2,AN16.3	**COMMUNITY MEDICINE (L) Concept of health care to community CM7.1**		DISSECTION [DOAP] Dissect & demonstrate gluteal region I (AN16.1,AN16.2,AN16.3)	**Foundation Course** Sports
SATURDAY 20TH Feb (Day 18)	ANATOMY [L] Venous & lymphatic drainage of lower limb (AN20.3, AN20.4,AN20.5)	BIOCHEMISTRY [SGT] (**AITo - Anemia**) BI 5.2(HI-PY, VI-PA,IM) Structure & function of Hb & Myoglobin	PHYSIOLOGY (L) PY3.7 Hemostasis-clotting mechanism	PHYSIOLOGY LAB.[DOAP] Sk lab PY3.18 (CD)- Effect of repeated stimuli & fatigue Human(hu) lab PY.3.16 (AB)- Measurement of blood pressure He lab PY2.11 (EF) – DLC **BIOCHEM LAB (GH)** - Urine analysis (abnormal constituent and interpretation of report) [BI11.20]			**Foundation Course** **Visit to BMW Department (FC 2.7)/Basic life support course (FC 2.1)**	

4th week

Days	8-9am	9-10 am.	10-11 am.	11-12 am.	12-1 pm.	1-2 pm.	2-4 pm.	4-5 pm.
MONDAY 22ND Feb (Day 19)	PHYSIOLOGY [L] PY 3.9 Blood Group, Blood transfusion	Physiology(SGT)PY3.9 Hemostasis, Clotting Mechanism	BIOCHEMISTRY [L] **AITo - Anemia** Hemoglobin: Major types of Hemoglobin and its derivatives [BI 6.12]	ANATOMY [SGT] Varicose Veins	ANATOMY [L] Microstructure of Cartilage [AN 71.2] VI		HISTOLOGY LAB [DOAP] Identify Microstructure of Cartilage [AN 71.2]	ANATOMY SDL Varicose Veins
TUESDAY 23RD Feb (Day 20)	BIOCHEMISTRY [SDL] Protein Chemistry	ANATOMY [L] Gluteal region II (AN16.1,AN16.2,AN16.3)VI	DISSECTION [DOAP] Dissect & demonstrate gluteal region II (AN16.1,AN16.2,AN16.3)		PHYSIOLOGY SDL / Seminar on General Physiology		PHYSIOLOGY LAB[DOAP] Sk lab PY3.18 (CD)- Revision Human(hu) lab (AB) - Effect of posture on blood pressure He lab PY2.11 (EF) Revision **BIOCHE. LAB (GH)** Principle of Colorimetry BI11.6,11.18 (Briefing) [11.6, 11.20]	**Foundation Course** Computer/ Language class
WEDNESDAY 24thFeb (Day 21)	Physiology(SGT)PY3.9 Hematopoiesis	PHYSIOLOGY (L) Immunity, Part-1	PHYSIOLOGY SDL / Seminar on Blood	ANATOMY [SGT] Tibia (AN14.1;AN14.2)	ANATOMY [L] Microanatomy of Bone [AN 71.1]	**LUNCH**	HISTOLOGY LAB [DOAP] Identify the microanatomy of bone[AN 71.1]	**Foundation Course** Computer/ Language class
THURSDAY 25thFeb (Day 22)	PHYSIOLOGY (L) PY 2.1, 2.2(HI-BI),2,12 Immunity – Part II	ANATOMY [SGT] Back of thigh (AN16.4,AN16.5)	ANATOMY [L] Hip joint (AN17.1, AN17.2, AN17.3)		PHYSIOLOGY [SGT] PY 3.9 Bleeding disorder		PHYSIOLOGY LAB. [DOAP] He lab-PY.2.11 (EF) - TLC Human(hu) lab PY.3.15 (AB)- Effect of exercise on blood pressure Sk lab-PY.3.18 (CD)- Seat of fatigue till exhaustion **Biochem lab(GH)**- Finding of Lamda max (Demonstration)	**Foundation Course** Computer/ Language class
FRIDAY 26thFeb (Day 23)	BIOCHEMISTRY [SGT] **AITo - Anemia** Hemoglobin: Physiological and pathological relevance of derivatives of hemoglobin [BI6.12]	BIOCHEMISTRY [SGT] **(AITo - Anemia)** BI 6.12(HI-PY, VI-PA,IM) Abnormal Hb – its genetic basis	BIOCHEMISTRY [SGT] **AITo - Anemia** Iron metabolism [6.9,6.10]	ANATOMY [L] Second week of development	**COMMUNITY MEDICINE** **AITo - Anemia** Definition & global burden of anemia CM 8.1,8.3		DISSECTION [DOAP] Museum Embryology models Second week of development	**Foundation Course** Sports
SATURDAY 27thFeb (Day 24)	ANATOMY [SGT] Fibula (AN14.1;AN14.2)	BIOCHEMISTRY [SGT] Vitamin B12 and Folic acid [BI6.5]	PHYSIOLOGY (SGT) PY 3.5, 3.6, 3.13 Cynosis and Jaundice fate of Hemoglobin	PHYSIOLOGY LAB[DOAP]. He:PY.2.11 (EF) - Revision Human(hu) lab PY.5.14 (AB)- Revision Sk: PY.3.18 (CD)- Various strength of stimuli BIOCHEM. LAB (GH) Estimation of Plasma Glucose and its interpretation - Practical [BI11.21]			**Foundation course** **Visit to BMW Department (FC 2.7)/Basic life support course (FC 2.1)**	

5th week

Days	8-9am	9-10 am.	10-11 am.	11-12 am.	12-1 pm.	1-2 pm.	2-4 pm.	4-5 pm
MONDAY 1st March (Day 25)	PHYSIOLOGY and BIOCHEMISTRY ECE class room setting **AITo -** Anemia Case discussion Thalassemia, Fe deficiency anaemia[VI IM]	PHYSIOLOGY (SGT) **AITo - Anemia** PY 3.5, 3.6, 3.13,1.9 Approach to a case of anaemia	BIOCHEMISTRY [SGT] (**AITo - Anemia**) BI 6.9,6.10 (HI-PY,VI-IM) Iron deficiency anaemia & Thalassemia	ANATOMY [L] Third to eight week I (L) [AN 79.3-79.5]**VI.**	ANATOMY [L] Popliteal fossa (AN16.6)		DISSECTION [DOAP] Museum models Third to eight week II [AN 79.3-79.5]	**Foundation Course** Sports
TUESDAY 2ND March (Day 26)	BIOCHEMISTRY [SGT] (**AITo - Anemia**) BI 6.5 (VI-IM) Vitamins B12 & Folic acid	ANATOMY [L] Microstructure of peripheral nerve [AN 68.1]	HISTOLOGY LAB [DOAP] Microstructure of peripheral nerve [AN 68.1		Physiology [SGT]PY 2.4 Immune disorders		PHYSIOLOGY LAB. [DOAP] Sk: PY.3.18 (CD)- Revision Human(hu) lab PY.3.14 (AB)- Examination of respiratory system He: PY.2.11 (EF)- RBC count **BIOCHEM. LAB (GH**) - Estimation of Urea and report interpretation - Practical[BI11.21]	**Foundation Course** Computer/ Language class
WEDNESDAY 3rd March (Day 27)	Physiology [L] PY 2.4 Neuro Muscular transmission	PHYSIOLOGY (L) PY 2.4,2.5 Drugs acting at Neuro Muscular Junction	PHYSIOLOGY(SGT)PY-1.2 Nernst potential Electrotonic potential	DISSECTION [DOAP] Dissect & demonstrate Hip Joint and Back of thigh. (AN17.1, AN17.2, AN17.3, AN16.4,AN16.5)			DISSECTION [DOAP] Dissect & demonstrate popliteal fossa. (AN16.6)	**Foundation Course** Computer/ Language class
THURSDAY 4th March (Day 28)	PHYSIOLOGY (L) PY Degeneration & regeneration of Nerve fibers	ANATOMY [L] Microstructure of muscle [AN 67.1, 67.3]	HISTOLOGY LAB [DOAP] Identify the skeletal, smooth and cardiac muscle under the light microscope [AN 67.1]		PHYSIOLOGY (L) PY 2.6 Structure of skeletal muscle	**LUNCH**	PHYSIOLOGY LAB[DOAP] Sk: PY.3.18 (CD)- Genesis of tetanus Human(hu) lab PY. 6.9 (AB)- Spirometry, Lung Function Test (volume, capacities) He: PY.2.11 (EF)- Revision **BIOCHEM. LAB (GH**)- Demonstrate the estimation of serum creatinine and calculation of creatinine clearance[BI11.7]	**Foundation Course** Computer/ Language class
FRIDAY 5th March (Day 29)	BIOCHEMISTRY[SGT] Revision Chemistry of Carbohydrate & Protein	BIOCHEMISTRY [SGT] Preparation of buffers and estimation of pH [BI11.2]	BIOCHEMISTRY [L] Lipid chemistry [BI 4.1]	ANATOMY [SGT] Anterior compartment of leg and dorsum of foot (AN18.1,AN18.2,AN 18.3AN14.4)	COMMUNITY MEDICINE **AITo - Anemia** Prevention of anemia CM 8.3		DISSECTION [DOAP] Anterior compartment of leg and Dorsum of foot (AN18.1,AN18.2,AN18.3AN14.4)**VI**	**Foundation Course** Sports
SATURDAY 6th March (Day 30)	ANATOMY [SGT] Foot skeleton (AN14.4)	BIOCHEMISTRY [L] Lipid chemistry [BI4.1]	PHYSIOLOGY (L) PY 2.7 Molecular basis of skeletal muscle contraction	PHYSIOLOGY LAB. [DOAP] Sk Lab -PY.3.18 (CD)- Effect of load on muscle contraction Human(hu) lab PY.6.9 (AB)- Examination of cardiovascular system He lab. -PY.2.11 (EF) - Hb estimation, Hb electrophoresis & it clinical significance **BIOCHEMISTRY LAB(GH)** - Demonstrate the estimation of total protein [BI11.21]			**Foundation course** **Visit to BMW Department (FC 2.7)/Basic life support course (FC 2.1)**	

6th week

Days	8-9am	9-10 am.	10-11 am.	11-12 am.	12-1 pm.	1-2 pm.	2-4 pm.	4 - 5pm.
MONDAY 8thMarch (Day 31)	PHYSIOLOGY(L) PY2.8 (VI-PA) Molecular basis of smooth muscle contraction	PHYSIOLOGY (D/L) Frank starling law & applied	BIOCHEMISTRY [SGT] Lipid chemistry [BI 4.1]	ANATOMY [L] Third to eight week II (L) [AN78.4,78.5, 79.1, 79.2, 80.1, 80.2] VI	ANATOMY [L] Histology of Vascular system [AN 5.3,5.4]		HISTOLOGY LAB [DOAP] Describe and Identify microanatomy of vessels [AN 5.3,5.4]	ANATOMY SDL ON FOOT DROP [AN 18.3]
TUESDAY 9thMarch (Day 32)	BIOCHEMISTRY [SDL] Lipid chemistry	ANATOMY SDL Histology Revision	ANATOMY SDL Histology Revision	ANATOMY SDL Histology Revision	PHYSIOLOGY(SGT) PY-2.8 Types & grades of muscle contraction		PHYSIOLOGY LAB.[DOAP] Sk: PY.3.18 (CD)- Revision Human(hu) lab PY. 5.95 (AB) - Cardiac Autonomic function test He: PY.2.11 (EF) - Interpretation of automated cell monitor report **BIOCHEMISTRY LAB(GH)** Demonstrate the estimation of calcium and phosphorus[BI11.11]	**Foundation Course** Computer/ Language class
WEDNESDAY 10thMarch (Day 33)	PHYSIOLOGY (L) PY 2.10 Properties of cardiac muscle	PHYSIOLOGY(SGT) PY-2.10 Physiology of tetanus & common disorder of skeletal muscle	PHYSIOLOGY (L) PY 2.10 •Energy supply for muscle contraction •Oxygen deficit & O2 debt •Heat production in muscle contraction	ANATOMY [SGT] ON FOOT DROP [AN 18.3]	ANATOMY [SGT] Lateral compartment of leg (AN18.1,18.2, 18.3,14.4)	**LUNCH**	DISSECTION [DOAP] Dissection of lateral compartment of leg [AN18.1-18.3,14.4][DOAP]	**Foundation Course** Computer/ Language class
THURSDAY 11thMarch	**HOLIDAY [MAHA SHIVRATRI]**							
FRIDAY 12THMarch (Day 34)	BIOCHEMISTRY [SGT] Outline the basic principles involved in the functioning of instruments commonly used in biochemistry lab -1 [BI 11.19]	BIOCHEMISTRY [L] Vitamins -B1, B2, B3 [BI 6.5]	BIOCHEMISTRY [L] Vitamins-B3,-B5, B6, B7 [BI 6.5]	ANATOMY [L] Histology of lymphoid organs I [AN 70.2]	COMMUNITY MEDICINE (L) Natural H/O disease,level of prevention(CM1.4)		HISTOLOGY LAB [DOAP] Identify the microscopic structure of lymphoid organs I [AN 70.2]	**Foundation Course** Computer/ Language class
SATURDAY 13thMarch (Day 35)	ANATOMY [L] Knee joint I (AN18.4,AN18.5,AN18.6,AN18.7)	BIOCHEMISTRY [SGT] Vitamins B6,B7 and Vitamin C [BI 6.5]	PHYSIOLOGY (SGT) PY2.10 Differences between fast & slow fibers & Motor Unit	PHYSIOLOGY [DOAP] Sk: PY.3.18 (CD)- Velocity of nerve impulse condution Human(hu) lab PY. 5.95 (AB) - Basic Life Support He: PY.2.11 (EF)- Interpretation of cell shorter technique introductive **BIOCHEM. LAB (GH) -** Estimation of Urea and sugar (Revision)			PHYSIOLOGY AETCOM MODULE1.2 PANEL DISCUSSION LARGE GROUP SESSION	**Foundation Course** Sports

7th week

Days	8-9am	9-10 am.	10-11 am.	11-12 am	12-1 pm.	1-2 pm.	2-4 pm.	
MONDAY 15th March (Day 36)	PHYSIOLOGY (L) PY2.10 Differences in molecular basis of contraction of smooth, cardiac and skeletal muscle	PHYSIOLOGY(SGT)PY2,10 Molecular basis of smooth muscle contraction	BIOCHEMISTRY [L] Vitamins - A,D [BI 6.5]	ANATOMY [L] Fetal period, Determining age & clinical implications [AN80.6]	ANATOMY [L] Knee joint II (AN18.4,AN18.5,AN18.6,AN18.7)		DISSECTION [DOAP] Dissect and demonstrate knee joint.[AN 18.4]	**Foundation Course** History of Outbreaks, Epidemics & Pandemics
TUESDAY 16th March (Day 37)	BIOCHEMISTRY [L] Vitamins - E, K [BI 6.5]	ANATOMY [L] Posterior compartment of leg-I (AN19.1,AN19.2,AN19.3,AN19.4)	DISSECTION [DOAP] Dissect and demonstrate posterior compartment of leg(AN19.1,AN19.2,AN19.3,AN19.4)		PHYSIOLOGY(**SDL**) PY-2.10 Frank starling law & applied	**LUNCH**	PHYSIOLOGY [DOAP] Sk: PY.3.18 (CD)- Revision Human(hu) lab PY. 5.95 (AB) - Revisiont He: PY.2.11 (EF)- Revision **BIOCHEM. LAB (GH)** - Lab leaving test and Grand viva	**Foundation Course** Computer/ Language class
WEDNESDAY 17th March (Day 38)	**PHYSIOLOGY ECE [classroom setting]** Blood transfusion and its applied, Thalassemia , Bleeding disorder			ANATOMY [L] Posterior compartment of leg II (AN19.1,AN19.2,AN19.3, AN19.4)	ANATOMY [L] Ankle joint (AN 20.1)		DISSECTION [DOAP] Dissect and demonstrate posterior compartment of leg (AN19.1,AN19.2,AN19.3,AN19.4)	**Foundation Course** Computer/ Language class
THURSDAY 18th March (Day 39)	PHYSIOLOGY (L) PY2.10 Introduction of digestive system	**ANATOMY ECE [classroom setting]** KNEE INJURY [AN 18.6, AN 18.7]			PHYSIOLOGY (**SDL**) Discussion on Blood disorders		PHYSIOLOGY LAB[DOAP] Sk Lab -PY.3.18 - Lab Leaving Test Human(hu) lab PY. 4.10- Lab Leaving Test He lab. -PY.2.11- Lab Leaving Test **BIOCHEM LAB (GH)** - Lab Leaving Test and Grand viva	**Foundation Course** Computer/ Language class
FRIDAY 19th March (Day 40)	BIOCHEMISTRY [**SDL**] Vitamins	**BIOCHEMISTRY** **Class Test**		ANATOMY [L] Histology of lymphoid organs II [AN 70.2] **VI**	**COMMUNITY MEDICINE (L)** **epidemiology and its principles, concepta and uses** **CM** 7.1		HISTOLOGY LAB [DOAP] Identify the microscopic structure of lymphoid organs II [AN 70.2]	**Foundation Course** Sports
SATURDAY 20th March (Day 41)	ANATOMY [SGT] Joints of Foot (AN20.2)	BIOCHEMISTRY [L] Mineral metabolism functions of various minerals (calcium & Phosphorus) in the body, their metabolism, homeostasis, disorders [BI 6.9]	PHYSIOLOGY (L) PY2.10 Function and Secretion of SALIVA	PHYSIOLOGY LAB.[DOAP] Sk Lab -PY.3.18 (AB) - Introduction & study of apparatus Human(hu) lab PY. (GH) - General Examination He lab. -PY.2.11 (CD) - Introduction to Microscopy **BIOCHE. LAB (EF)** Chemical (normal and abnormal) components of urine - Briefing [BI11.3]			**Foundation Course** **Disability competencies (FC 4.5)**	**Foundation Course** Sports

8th week

Days	8-9am	9-10 am.	10-11 am.	11-12 am.	12-1 pm.	1-2 pm.	2-4 pm.	
MONDAY 22nd March (Day 42)	PHYSIOLOGY (L) Function of hepatobiliary system	PHYSIOLOGY(SGT) PY-1.2 Physiological anatomy and structure function relationship of GIT	BIOCHEMISTRY [SGT] Disorders associated with mineral metabolism (calcium and phosphorus) [BI6.10]	ANATOMY [L] Development of limbs & congenital anomalies. [AN 13.8, 20.10] VI	ANATOMY [SGT] Sole of foot		DISSECTION [DOAP] Dissect & demonstrate sole of foot	ANATOMY **SDL** on Flat foot and Club foot [AN 19.6]
TUESDAY 23rd March (Day 43)	BIOCHEMISTRY [SGT] Mineral metabolism: Copper and its disorders [BI6.9, 6.10]	ANATOMY [L] Arches of foot (AN19.5,AN19.6,AN19.7)	ANATOMY [SGT] Surface marking (AN 20.6)	ANATOMY [SGT] Surface marking (AN 20.6)	PHYSIOLOGY **SDL** / Seminar Blood		PHYSIOLOGY LAB. Sk Lab -PY.3.18 (AB)- Physiograph – its handling Human(hu) lab PY. (GH) - Examination of pulse He lab. -PY.2.11 (CD)- Preparation of Blood smear & Identification of cells **BIOCHEM. LAB (EF)** - Urine analysis- Practical (Normal constituent) [BI11.4]	**Foundation Course** Computer/ Language class
WEDNESDAY 24th March (Day 44)	PHYSIOLOGY(L)PY8.2 Regulation of secretion and acid peptides	**PHYSIOLOGY System Test (Batch A,B,C,D,E,F,G,H) General, Blood, Nerve Muscle and immunity**		ANATOMY [SGT] on Flat foot and Club foot [AN 19.6]	ANATOMY [SGT] Radiology *(AN20.6)* **VI**	**LUNCH**	DISSECTION [**SDL**] **Revision of Lower Limb**	**Foundation Course** Computer/ Language class
THURSDAY 25th March (Day 45)	PHYSIOLOGY(SGT)PY 8.2 Synthesis of Bilirubins and its Fate	**ANATOMY Seminar**	**ANATOMY Seminar**	**ANATOMY Seminar**	PHYSIOLOGY (L)PY8.2 GI Hormones, GUT BRAIN AXIS		PHYSIOLOGY LAB.[DOAP] Skill (SK)lab PY.3.18 (AB)- Simple muscle curve & effect of Temperature Human(hu) lab PY.11.13 (GH) - Abdominal examination Haematology (HE)lab PY.2.11-(CD)- Revision **BIOCHEM. LAB(EF)** Urine analysis (abnormal constituents)[BI11.4]	**Foundation Course** Computer/ Language class
FRIDAY 26th March (Day 46)	BIOCHEMISTRY [L] Mineral metabolism :Mg, Zn & Mn in the body, their metabolism, homeostasis, disorders [BI 6.9, 6.10]	BIOCHEMISTRY [L] Mineral metabolism : Cr, Se, Fluoride in the body, their metabolism, homeostasis, disorders [BI 6.9, 6.10]	BIOCHEMISTRY [SGT] Mineral metabolism: Copper and its disorders [BI6.9, 6.10]	**COMMUNITY MEDICINE (L)** Concept of health education/health promotion CM 1.6	**Part completion assessment Lower Limb**		**Part completion assessment Lower Limb**	**Foundation Course** Sports
	HOLI [27th March to 30th March]							

BLOCK II

Abdomen And Pelvis

GIT, Renal Physiology and Reproduction

Immunology, Enzymology, Bioenergetics, Carbohydrate metabolism, Protein Metabolism, Clinical and Applied Biochemistry

9th week

Days	8-9am	9-10 am.	10-11 am.	11-12 am.	12-1 pm.	1-2 pm.	2-4 pm.	
WEDNESDAY 31st March (Day 47)	PHYSIOLOGY (SGT) PY 8.6 Function of Saliva, Composition and Neural Regulations for Secretion of Saliva	PHYSIOLOGY (L) Pancreatic juice, function & composition	PHYSIOLOGY(L) PY 8.6 Regulation of secretion	ANATOMY [L] Development of Body cavities & Diaphragm [AN 52.5]	ANATOMY [L] Anterior abdominal wall-Layers, skin, cutaneous vessels, nerves, Fascia, Regions & Quadrants, muscles (AN44.1,44.2)		ANATOMY [SGT] Hip bone (AN14.1;AN14.2)VI	**Foundation Course** Computer/ Language class
THURSDAY 1st April (Day 48)	**PHYSIOLOGY (SGT)-** PY8.6 Secretion and Function of Gastric Juice	ANATOMY [L] Anterior abdominal wall-rectus sheath, nerves & vessels;Common Abdominal incisions (AN44.7,44.6,44.3,44.2)VI	DISSECTION [DOAP] Dissection Anterior abdominal wall [AN 44.1,44.2,44.3,44.6)		PHYSIOLOGY(L) PY 8.2 Secretion and function of INTESTINAL JUICES		PHYSIOLOGY LAB. [DOAP] Skill (SK)lab PY.3.18 (AB)- Effect of repeated stimuli & fatigue Human(hu) lab PY.5.12 (GH) - Measurement of blood pressure Haematology (HE)lab PY.2.11-(CD)-DLC **BIOCHEM. LAB(EF)** Urine analysis (abnormal constituent and interpretation of report)[BI11.20]	**Foundation Course** Computer/ Language class
FRIDAY 2nd April (Day 49)	BIOCHEMISTRY [SDL] Mineral metabolism	BIOCHEMISTRY [SGT] Immunology- Outline of Immune system and cells of Immune system [BI10.3]	BIOCHEMISTRY [L] Immunology- Innate and Adaptive immune system, Cellular and Humoral component of immune system [BI10.3, 10.4]	ANATOMY [L] Inguinal canal (44.4,44.5)VI	**COMMUNITY MEDICINE (SGT)** CM1.6 Behaviour change communication		DISSECTION [DOAP] Inguinal canal (44.4,44.5)	**Foundation Course** Sports
SATURDAY 3rd April (Day 50)	ANATOMY [SGT] Lumbar vertebrae (53.1, 53.4)VI	BIOCHEMISTRY [SGT] Immunology- B-cell development, formation of antibodies, types of antibodies and their mechanism of action [BI10.3]	**PHYSIOLOGY (SGT)** PY 8.6 Acid-Peptic Disease	PHYSIOLOGY LAB. [DOAP] Sk lab PY3.18 (AB)- Revision Human(hu) lab PY.5.12 (GH)- Effect of posture on blood pressure He lab PY2.11 (CD) - Revision **BIOCHEM. LAB (EF)** Principle of Colorimetry BI11.6,11.18 (Briefing)[BI11.6,11.18]			**Foundation Course** Significance of documentation in patient care and the proper method of documentation (FC 2.9)	

10th week

ays	8-9am	9-10 am.	10-11 am.	11-12 am.	12-1 pm.	1-2 pm.	2-4 pm.	
MONDAY 5th April (Day 51)	PHYSIOLOGY (SGT) PY8.2- GI Hormones and their Functions	PHYSIOLOGY (L) PY 8.2 Movement of Intestine	BIOCHEMISTRY [L] Immunology - T-lymphocyte development and central role of T-Cells in immune response[BI10.4]	ANATOMY [L] CBD on Inguinal hernia	ANATOMY [L] Development of male reproductive system [AN 52.8]		DISSECTION [DOAP] Dissection of Penis (46.3)	**Foundation Course** Computer/ Language class
TUESDAY 6th April (Day 52)	BIOCHEMISTRY [SGT] Immunology - Immunological memory[BI10.4]	ANATOMY [SGT] Male genitalia I- Penis [D] [46.3]**VI**	DISSECTION [DOAP] Demonstration of Male genitalia - Testis & Epididymis (46.1, 46.2)		PHYSIOLOGY (L) PY 8.2 Regulation of movement - **I**		PHYSIOLOGY LAB. [DOAP] Sk lab PY3.18 (AB)- Revision Human(hu) lab PY.5.12 (GH)- Effect of posture on blood pressure He lab PY2.11 (CD) - Revision **BIOCHE. LAB (EF)** Finding of Lamda max (Demonstration)	**Foundation Course** Computer/ Language class
WEDNESDAY 7th April (Day 53)	**PHYSIOLOGY ECE on GI Physiology [PY8.4] Classroom setting**			ANATOMY [SGT] Male genitalia - Testis & Epididymis I [D] (46.1, 46.2)**VI**	ANATOMY [SGT] Male genitalia - Testis & Epididymis II [D] (46.1, 46.2)**VI**	LUNCH	DISSECTION [DOAP] Identify peritoneal folds, pouches, greater sac, lesser sac(47.1, 47.2)	**Foundation Course** Computer/ Language class
THURSDAY 8th April (Day 54)	PHYSIOLOGY(SGT)- PY8.2 Gut-Brain Axis and its applied	ANATOMY [L] Peritoneum I [AN 47.1, 47.2, 47.3, 47.4]	DISSECTION [DOAP] Demonstrate peritoneal reflections [AN 47.1, 47.2]		PHYSIOLOGY (SGT) PY 8.2 Secretion and Functions of Intestinal Juices		PHYSIOLOGY LAB. [DOAP] Sk lab PY3.18 (AB) - Seat of fatigue till exhaustion Human(hu) lab PY.3.16 (GH)- Effect of exercise on blood pressure He lab PY2.11 (CD) - TLC **BIOCHE. LAB (EF)** Estimation of Plasma Glucose and its interpretation – Practical[BI11.21]	**Foundation Course** Computer/ Language class
FRIDAY 9th April (Day 55)	BIOCHEMISTRY **[SDL]** Immunology	BIOCHEMISTRY[SGT] Immunology- Primary and Secondary response [BI10.4]	BIOCHEMISTRY [L] Immunology- histocompatibility molecules [BI10.4]	ANATOMY [L] Histology male reproductive system [AN 52.2]	**COMMUNITY MEDICINE (L)** Health indicators CM 1.7		HISTOLOGY LAB [DOAP] Histology male reproductive system [AN 52.2]	**Foundation Course** Sports
SATURDAY 10th April (Day 56)	ANATOMY [L] Peritoneum III [AN 47.1, 47.2, 47.3, 47.4]	BIOCHEMISTRY [L] Immunology- Disorders of human immunity (Immunodeficiency, Autoimmunity, Hypersensitivity) [BI10.4]	PHYSIOLOGY (L)PY 8.2 Regulation of movements - II	PHYSIOLOGY LAB. [DOAP] Sk lab PY3.18 (AB)- Various strength of stimuli Human(hu) lab (GH)- Revision He lab PY2.11 (CD)- Revision **BIOCHE. LAB (EF)** Estimation of Urea and report interpretation – Practical[BI11.21]			**PHYSIOLOGY AETCOM MODULE1.4 VISIT TO HOSPITAL**	**Foundation Course** Sports

11th week

Days	8-9am	9-10 am.	10-11 am.	11-12 am.	12-1 pm.	1-2 pm.	2-4 pm.	4-5 pm
MONDAY 12th April (Day 57)	PHYSIOLOGY (SGT) PY8.2 Composition and Functions of Pancreatic Juices	PHYSIOLOGY(SGT) Regulation and Secretion of Intestinal Juices	BIOCHEMISTRY [L] Immunology- Concept involved in Vaccine development [BI10.5]	ANATOMY [L] Stomach [AN 47.5]	ANATOMY [L] Spleen [AN 47.5]		DISSECTION [DOAP] Dissect and demonstrate stomach and spleen [AN 47.5]	**Foundation Course** Computer/ Language class
TUESDAY 13th April (Day 58)	BIOCHEMISTRY [L] Enzymology: Concepts of enzyme, alloenzyme, coenzyme & co-factors. Enumerate the main classes of IUBMB nomenclature [BI 2.1]	ANATOMY [L] Duodenum [AN47.5] **VI**	DISSECTION [DOAP] Dissect and demonstrate Coeliac trunk, SMA & IMA and its branches [AN 47.9]		PHYSIOLOGY(SGT)-PY8.2 Intestinal Movements		PHYSIOLOGY LAB. [DOAP] He lab-PY.2.11 (CD)- RBC count Human(hu) lab PY.3.15 (GH)- Examination of respiratory system Sk lab-PY.3.18 (AB)- Revision **BIOCHE. LAB (EF)** Demonstrate the estimation of serum creatinine and calculation of creatinine clearance [BI11.7]	**Foundation Course** Computer/ Language class
WEDNESDAY 14th April	**HOLIDAY AMBEDKAR JAYANTI**							
THURSDAY 15th April (Day 59)	PHYSIOLOGY(L) PY8.2 Digestion and absorption – I	ANATOMY [SGT] Caecum and Appendix [AN 47.5]**VI**	ANATOMY [SGT] Small Intestine and Large Intestine [AN 47.5] DISSECTION [DOAP] Dissection of Small Intestine and Large Intestine [AN 47.5]		PHYSIOLOGY (L) PY8.2 Digestion and absorption - II		PHYSIOLOGY LAB.[DOAP] He:PY.2.11 (CD) - Revision Human(hu) lab PY.5.14 (GH)- Spirometry, Lung Function Test (volume, capacities) Sk: PY.3.18 (AB) - Genesis of tetanus **BIOCHE. LAB (EF)** Demonstrate the estimation of total protein[BI11.21]	**Foundation Course** Computer/ Language class
FRIDAY 16th April (Day 60)	BIOCHEMISTRY [SGT] Outline the basic principles involved in the functioning of instruments commonly used in biochemistry lab -2 [BI 11.19]	BIOCHEMISTRY [L] Basic principles of enzyme activity [BI2.3]	BIOCHEMISTRY [L] Describe and discuss enzyme inhibitors as poisons and drugs and as therapeutic enzymes [BI2.4]	ANATOMY [L] Histology of GIT: Stomach,& Liver [AN 52.1]	COMMUNITY MEDICINE (SGT) Health indicators: fertility indicators CM 1.7		HISTOLOGY LAB [DOAP] Histology of GIT: Stomach and liver [AN52.1]	**Foundation Course** Sports
SATURDAY 17th April (Day 61)	ANATOMY [L] Development of GIT I [AN 52.6]**VI**	BIOCHEMISTRY [SGT] The clinical utility of various serum enzymes as markers of pathological conditions. [BI2.5]	PHYSIOLOGY(SGT) PY8.4 Digestion and Absorption of Proteins, Vitamins and Minerals	PHYSIOLOGY LAB. [DOAP] Sk: PY.3.18 (AB) - Effect of load on muscle contraction Human(hu) lab PY.3.14 (GH) - Examination of cardiovascular sytem He: PY.2.11 (CD) - Hb estimation, Hb electrophoresis & it clinical significance **BIOCHE. LAB (EF)** Demonstrate the estimation of calcium and phosphorus [BI11.11]			PHYSIOLOGY AETCOM MODULE 1.3 1.5 SDL DISCUSSION AND CLOSURE SESSION (SMALL GROUP)	**Foundation Course** Sports

12th week

Days	8-9am	9-10 am.	10-11 am.	11-12 am.	12-1 pm.	1-2 pm.	2-4 pm.	4-5 pm.
MONDAY 19th April (Day 62)	PHYSIOLOGY (L)PY8.4 Liver function Test	PHYSIOLOGY (L) PY8.2 Defecation reflex and dietary fibres	BIOCHEMISTRY [SGT] Tests commonly done to assess function of liver [BI6.14]	ANATOMY [L] Development of GIT II [AN 52.6]V	ANATOMY [L] Liver-I (AN 47.5)		ANATOMY [SGT] Bony pelvis (53.2, 53.3)	
TUESDAY 20th April (Day 63)	BIOCHEMISTRY [L] Isoenzymes and Interpret laboratory results of enzyme activities & describe the clinical utility of various enzymes as markers of pathological conditions [BI 2.7]	ANATOMY [L] Liver-II (AN 47.5)VI	DISSECTION [DOAP] Demonstrate Liver [AN 47.5]		PHYSIOLOGY (SGT) PY8.2 Digestion and Absorption of Carbohydrates & fat		PHYSIOLOGY LAB[DOAP] Sk: PY.3.18 (AB) - Revision Human(hu) lab PY. 6.9 (GH)- Cardiac Autonomic function test He: PY.2.11 (CD)- Interpretation of automated cell monitor report **BIOCHEM LAB(EF)** Estimation of Urea and Glucose (Revision)	
WEDNESDAY 21st April	**HOLIDAY RAM NAVAMI**					**LUNCH**		
THURSDAY 22nd April (Day 64)	PHYSIOLOGY (L) PY8.1 . Applied of GIT	ANATOMY [L] Portal vein [AN 47.8, 47.10, 47.11]	ANATOMY [SGT] Extra hepatic Biliary Apparatus (AN 47.5, 47.7)	DISSECTION [DOAP] Dissect and demonstrate Portal vein and extra hepatic biliary apparatus [AN 47.5, 47.9]	PHYSIOLOGY (L) **AITo Renal failure** PY8.2 Structure and function of kidney,		PHYSIOLOGY LAB[DOAP] Sk Lab -PY.3.18 (AB) - Velocity of nerve impulse condution Human(hu) lab PY.6.9 (GH)- Basic Life Support He lab. -PY.2.11 (CD)- Interpretation of cell shorter technique introductive **BIOCHE. LAB(EF)** Lab leaving test and Grand viva	
FRIDAY 23rd April (Day 65)	BIOCHEMISTRY [SGT] Discuss use of enzymes in laboratory investigations (Enzyme-based assays) [BI2.6]	BIOCHEMISTRY [SDL] Enzymology	BIOCHEMISTRY[SGT] Revision Vitamins & Minerals Enzymes	ANATOMY [L] Histology of Small and Large Intestine [AN52.1]	COMMUNITY MEDICINE (SGT) Health indicators: demographic and socio economic indicators CM 1.7		HISTOLOGY LAB [DOAP] Histology of Small and Large Intestine [AN52.1]	**Foundation Course** Sports
SATURDAY 24th April (Day 66)	ANATOMY [L] Pancreas (AN 47.5)VI	BIOCHEMISTRY [L] Bioenergetics: Reducing equivalents, Standard Redox Potential, Enzymes of Biological oxidation [BI6.6]	PHYSIOLOGY (L) **AITo Renal failure** PY8.2 Juxta Glomeular Apparatus	PHYSIOLOGY LAB. [DOAP] Sk: PY.3.18 - Lab Leaving Test Human(hu) lab PY.5.13 - Lab Leaving Test He:PY2.11 - Lab Leaving Test **BIOCHE. LAB (EF)** - Lab leaving test and Grand viva			PHYSIOLOGY AETCOM MODULE 2.1 WHAT DOES IT MEAN TO BE A PATIENT (SMALL GROUP)	**Sports and Extracurricular activities**

13th week

Days	8-9am	9-10 am.	10-11 am.	11-12 am.	12-1 pm.	1-2 pm.	2-4 pm.	4-5 pm.
MONDAY 26thApril (Day 67)	PHYSIOLOGY(SGT) **AITo Renal failure** PY-8.2 Structure and function of kidney	PHYSIOLOGY (L) **AITo Renal failure** PY8.4 GFR	BIOCHEMISTRY [L] Bioenergetics: Components of Electron Transport Chain [BI6.6]	ANATOMY [L] Development of GIT III [AN 52.6]VI	ANATOMY [L] Posterior Abdominal wall I [AN 45.1, 45.3, 47.9]		DISSECTION [DOAP] Posterior abdominal wall I [AN45.3, 47.9, 45.2]	
TUESDAY 27thApril (Day 68)	BIOCHEMISTRY [SGT] Inhibitors of Electron Transport Chain [BI6.6] BIOCHEMISTRY [SGT]	**ANATOMY ECE [Classroom setting]** PORTAL HYPERTENSION [AN 47.10, 47.11]			PHYSIOLOGY (L) **AITo Renal failure** PY8.3 Mechanism of urine formation Process of filtration - I		PHYSIOLOGY LAB. [DOAP] Sk Lab -PY.3.18 (GH) - Introduction & study of apparatus Human(hu) lab PY. 4.10 (EF) - General Examination He lab. -PY.2.11 (AB) - Introduction to Microscopy **BIOCHEMISTRY LAB(CD)**- Chemical (normal and abnormal) components of urine – Briefing[BI11.3]	**Foundation Course** Computer/ Language class
WEDNESDAY 28thApril (Day 69)	PHYSIOLOGY PY 11.5 (L) **AITo Renal failure** PY8.5 Mechanism of urine formation Process of filtration - II	PHYSIOLOGY(SDL) PY Seminar	PHYSIOLOGY(L) **AITo Renal failure** PY 10.13,10.14(VI-EN) Tubular reabsorption, concentrating and diluting mechanism I	ANATOMY [L] Posterior Abdominal wall II [AN 45.2, 47.12	ANATOMY [L] **AITo Renal failure** Kidney I [AN 47.5] ANATOMY	**LUNCH**	DISSECTION [DOAP] Posterior abdominal wall II [AN45.3, 47.9, 45.2]	**Foundation Course** Computer/ Language class
THURSDAY 29thApril (Day 70)	PY (L)10.13,10.14(VI-EN) Tubular reabsorption, concentrating and diluting mechanism II	ANATOMY [L] **AITo Renal failure** Kidney II [AN 47.5] VI [AN 47.5]VI	DISSECTION [DOAP] **AITo Renal failure** Dissect and demonstrate Kidney and suprarenal gland [AN 47.5]		**PHYSIOLOGY SDL** Seminar		PHYSIOLOGY LAB. Sk Lab -PY.3.18 (GH)- Physiograph – its handling Human(hu) lab PY. (EF) - Examination of pulse He lab. -PY.2.11 (AB)- Preparation of Blood smear & Identification of cells **BIOCHE. LAB (CD)-** Urine analysis- Practical (Normal constituent)[BI11.4]	**Foundation Course** Computer/ Language class
FRIDAY 30thApril (Day 71)	**BIOCHEMISTRY ECE [Classroom Setting]** Enzymology [BI2.5 & 2.7]			ANATOMY [L] Histology of pancreas, gall bladder [AN 52.1, 52.3]	COMMUNITY MEDICINE (SGT) Health indicators: Health services related CM 1.7		HISTOLOGY LAB [DOAP] Histology of pancreas, gall bladder [AN 52.1, 52.3]	**Foundation Course** Computer/ Language class
SATURDAY 1stMay (Day 72)	ANATOMY [L] Suprarenal Glands (47.5) VI	BIOCHEMISTRY [L] ATP synthesis (Complex V) [BI6.6]	PHYSIOLOGY PY (SGT) **AITo Renal failure** PY 10.13 Juxta glomerular apparatus	PHYSIOLOGY LAB. [DOAP] Sk lab-PY.3.18 (GH)- Simple muscle curve & effect of Temperature Hu lab PY5.10.20 (EF) - Abdominal examination He lab-PY.2.11 (AB)- Revision **BIOCHE. LAB(CD)** - Urine analysis (abnormal constituents)[BI11.4]			**Foundation Course** Immunization requirements of Healthcare professionals (FC 2.8)	

14th week

Days	8-9am	9-10 am.	10-11 am.	11-12 am.	12-1 pm.	1-2 pm.	2-4 pm.	
MONDAY 3rdMay (Day 73)	PHYSIOLOGY (L) **AITo Renal failure** PY 10.15(HI, VI-EN) Renal regulation of fluid and electrolytes, Renalclearence	PHYSIOLOGY(L) **AITo Renal failure** PY10.15 (HI, VI-EN) Renal regulation of fluid and electrolytes,Acid base balance	BIOCHEMISTRY [SGT] Inhibitors of Oxidative phosphorylation, Uncouplers, Inophores [BI6.6]	ANATOMY [L] **AITo Renal failure** Development of Urinary system [AN 52.7]	ANATOMY [L] **AITo Renal failure** Ureter		DISSECTION [DOAP] **AITo Renal failure** Dissect and demonstrate suprarenal gland, ureter & urinary bladder I (AN 47.5, 48.2, 48.6)	**Foundation Course** Computer/ Language class
TUESDAY 4thMay (Day 74)	BIOCHEMISTRY [SDL] Biological oxidation & Bioenergetics	ANATOMY [L] Urinary Bladder (AN 48.2, 48.6) VI	DISSECTION [DOAP] Dissect and demonstrate suprarenal gland, ureter & urinary bladder II (AN 47.5, 48.2, 48.6)		PHYSIOLOGY (L) **AITo Renal failure** PY 10.15 (VI-EN) Cystometry		PHYSIOLOGY LAB. [DOAP] Skill (SK)lab PY.3.18 (GH)- Effect of repeated stimuli & fatigue Human(hu) lab PY.11.13 (EF) - Measurement of blood pressure Haematology (HE) – (AB)- DLC PY.2.11-Microscope **BIOCHE. LAB (CD)** - Urine analysis (abnormal constituent and interpretation of report)[BI11.20]	**Foundation Course** Computer/ Language class
WEDNESDAY 5thMay (Day 75)	**PHYSIOLOGY** **ECE on ECF and Electrolyte balance [PY 8.5]** **Classroom Setting**			ANATOMY [L] Introduction to pelvis, perineum, pelvic fascia and pelvic peritoneum,	ANATOMY [L] Perineum I [AN 49.1] VI	LUNCH	DISSECTION [DOAP] Demonstrate pelvic peritoneum	**Foundation Course** Computer/ Language class
THURSDAY 6thMay (Day 76)	PHYSIOLOGY (L) **AITo Renal failure** PY10.15,10.16,10.19(VI-EN) Artificial Kidney, Dialysis,Renal Transplantation	ANATOMY [L] Perineum II [AN 49.2, 49.3, 49.5]VI	DISSECTION [DOAP] Dissection of perineum [AN 49.1, 49.2, 49.3, 49.5]		PHYSIOLOGY (SGT) **AITo Renal failure** PY 10.15 Mechanism of urine formation		PHYSIOLOGY LAB.[DOAP] Skill (SK)lab PY.3.18 (GH)- Revision Human(hu) lab PY.5.12 (EF) - Effect of posture on blood pressure Haematology (HE)lab PY.2.11- (AB)- Revision **BIOCHE. LAB(CD)** - Principle of Colorimetry (Briefing) [BI11.6,11.18]	**Foundation Course** Computer/ Language class
FRIDAY 7thMay (Day 77)	BIOCHEMISTRY [L] Overview of metabolism [BI3.1]	BIOCHEMISTRY [L] Describe the processes involved in digestion and assimilation of carbohydrates and storage [BI3.2]	BIOCHEMISTRY [SGT] Describe and discuss the digestion and assimilation of carbohydrates from food [BI3.3]	ANATOMY [L] **AITo Renal failure** Histology of urinary system [AN52.1, 52.2]	COMMUNITY MEDICINE (SGT) epidemiology and its concept, study design CM 7.1		HISTOLOGY LAB [DOAP] **AITo Renal failure** Histology of urinary system [AN 52.1, 52.2]	**Foundation Course** Computer/ Language class
SATURDAY 8thMay (Day 78)	ANATOMY [SGT] Sacrum	BIOCHEMISTRY [SGT] **AITo Renal failure** Clinical & Applied Biochemistry: Function of Kidney and biochemical test to assess function of Kidney [BI6.13,6.14,6.15]	PHYSIOLOGY (L) **AITo Renal failure** PY 10.15, 10.16, 10.19 (VI-EN) Renal function tests	PHYSIOLOGY LAB.[DOAP] Sk lab PY3.18 (GH)- Seat of fatigue till exhaustion Human(hu) lab PY.5.12 (EF)- Effect of exercise on blood pressure He lab PY2.11 (AB) - TLC **BIOCHE. LAB (CD)** - Finding of Lamda max (Demonstration)			PHYSIOLOGY AETCOM MODULE 2.1 WHAT DOES IT MEAN TO BE A PATIENT (SMALL GROUP)	ANATOMY SDL **ON BPH**

15th week

Days	8-9am	9-10 am.	10-11 am.	11-12 am.	12-1 pm.	1-2 pm.	2-4 pm.	4-5 pm.
MONDAY 10thMay (Day 79)	PHYSIOLOGY(L) PY4.2 Introduction to Reproductive Physiology ; Sex determination & Differentiation, chromosomal abnormalities	PHYSIOLOGY (SGT) Sex determination	BIOCHEMISTRY [L] Carbohydrate Metabolism - Glycolysis [BI3.4, 3.5]	ANATOMY [L] Prostate (AN 48.2, 48.5, 48.7, 48.8)VI	ANATOMY [SGT] **ON BPH**		DISSECTION [DOAP] Dissect and demonstrate seminal vesicle & ductus deferens (AN 48.2, 48.5)	**Foundation Course** Computer/ Language class
TUESDAY 11thMay (Day 80)	BIOCHEMISTRY [L] Carbohydrate Metabolism - TCA [BI3.6, 3.7]	ANATOMY [SGT] Male and female urethra (AN 48.2)VI	DISSECTION [DOAP] Dissect and demonstrate urethra (AN 48.2)		PHYSIOLOGY(SGT)-PY4.2 Chromosomal anomalies		PHYSIOLOGY LAB.[DOAP] Sk lab PY3.18 (GH)- Various strength of stimuli Human(hu) lab PY.3.16 (EF) - Revision He lab PY2.11 (AB)- Revision **BIOCHE. LAB(CD)** - Estimation of Plasma Glucose and its interpretation – Practical[BI11.21]	**Foundation Course** Computer/ Language class
WEDNESDAY 12thMay (Day 81)	PHYSIOLOGY(L) PY4.5,4.6 Puberty	PHYSIOLOGY(SGT) Physiological changes during puberty	PHYSIOLOGY(SGT)HIPY4.2 Puberty ,Sex hormones	ANATOMY [L] Uterus I (AN 48.2)	ANATOMY [SGT] Uterine tube, ovary (AN 48.2, 48.5) VI	**LUNCH**	DISSECTION [DOAP] Dissect & demonstrate uterus, fallopian tube & ovary I (AN 48.2)	**Foundation Course** Computer/ Language class
THURSDAY 13thMay (Day 82)	PHYSIOLOGY(SGT) PY4.6 Hypothalamic pituitary gonadal axis	ANATOMY [L] Uterus II *(*AN 48.2, 48.5*)* VI	DISSECTION [DOAP] Dissect & demonstrate uterus, fallopian tube & ovary II (AN 48.2)		PHYSIOLOGY(L) PY4.2 Precocious Puberty, Effect of removal of Gonads		PHYSIOLOGY LAB [DOAP] Sk lab PY3.18 (GH)- Revision Human(hu) lab –(EF)- Examination of respiratory system He lab PY2.11 (AB)- RBC count **BIOCHE. LAB(CD)** - Estimation of Urea and report interpretation – Practical[BI11.21]	**Foundation Course** Computer/ Language class
FRIDAY 14thMay	**HOLIDAY EID-UL-FITAR**							
SATURDAY 15TH May (Day 83)	ANATOMY [SGT] Vagina [AN 48.2] VI	BIOCHEMISTRY [L] Carbohydrate Metabolism - Glycogen Metabolism [BI3.4, 3.5]	PHYSIOLOGY(L)HIVI PY4.2 Male reproductive system-functions of testis	PHYSIOLOGY LAB. [DOAP] He lab-PY.2.11 (AB)- Revision Human(hu) lab PY.3.15 –(EF)- Spirometry, Lung Function Test (volume, capacities) Sk lab-PY.3.18 (GH)- Genesis of tetanus **BIOCHE. LAB (CD)** - Demonstrate the estimation of serum creatinine and calculation of creatinine clearance [BI11.7]			Sports/ Extracurricular activity	

16th week

Days	8-9am	9-10 am.	10-11 am.	11-12 am.	12-1 pm.	1-2 pm.	2-4 pm.	4 -5 pm.
MONDAY 17THMay (Day 84)	PHYSIOLOGY(SGT) Gametogenesis	PHYSIOLOGY(SGT) PY4.2 Spermatogenesis	BIOCHEMISTRY [L] Carbohydrate Metabolism - Glycogen Metabolism [BI3.4, 3.5]	ANATOMY [L] Development of female reproductive system (AN 52.8)	ANATOMY [L] Histology of female reproductive system [AN 52.2]		HISTOLOGY LAB [DOAP] Uterus, uterine tube [AN 52.2]	
TUESDAY 18th May **(Day 85)**	BIOCHEMISTRY [SDL] Carbohydrate Metabolism [BI3.4, 3.5]	**ANATOMY SDL** ON Uterine prolapse, PER VAGINAL EXAMINATION	ANATOMY [SGT] Radiological anatomy I (AN 54.1, 54.2, AN 55.1, 55.2) VI	ANATOMY [SGT] Radiological anatomy II (AN 54.1, 54.2, AN 55.1, 55.2) VI	PHYSIOLOGY(L)PY4.3 Female reproductive system-functions of ovary and its control		PHYSIOLOGY LAB. [DOAP] He:PY.2.11 (AB)- Hb estimation, Hb electrophoresis & it clinical significance Human(hu) lab PY.5.14 (EF)- Examination of cardiovascular sytem Sk: PY.3.18 (GH)- Effect of load on muscle contraction **BIOCHE. LAB (CD)**- Demonstrate the estimation of total protein [BI11.21]	
WEDNESDAY 19th May (Day 86)	PHYSIOLOGY(SGT) PY4.2 Role of hormones in puberty	PHYSIOLOGY(L) PY4.3 Male reproductive system-factors modifying it and its association with psychiatric illness	PHYSIOLOGY(SGT) PY4.3 Adolescent behaviour changes	ANATOMY SDL Revision	ANATOMY SDL Revision	**LUNCH**	ANATOMY SDL Revision	
THURSDAY 20th May (Day 87)	**1st TERMINAL**							
FRIDAY 21st May (Day 88)	**1st TERMINAL**							
SATURDAY 22nd May (Day 89)	**1st TERMINAL**						Sports/ Extracurricular activity	

17th week

Days	8-9am	9-10 am.	10-11 am.	11-12 am.	12-1 pm.	1-2 pm.	2-4 pm.	4-5 pm.
MONDAY 24th May (Day 90)	PHYSIOLOGY (L)PY4.3 Female reproductive system-Menstrual Cycle- I	PHYSIOLOGY (L) HI PY4.4 Female reproductive system-Menstrual Cycle- II	BIOCHEMISTRY [L] Carbohydrate Metabolism - Gluconeogenesis [BI3.4]	ANATOMY [L] Placenta I (AN 80.3, 80.5, 80.7) VI	ANATOMY [L] Muscles of pelvic wall and floor (AN 48.1)		DISSECTION [DOAP] Dissect and demonstrate pelvic muscles of pelvis and pelvic floor [AN 47.9, 48.4]	
TUESDAY 25th May (Day 91)	BIOCHEMISTRY [SGT] Regulation of Gluconeogenesis [BI3.5]	ANATOMY [L] Rectum (AN 48.2, 48.5, 48.8) VI	DISSECTION [DOAP] Dissect & demonstrate rectum (AN 48.2)		PHYSIOLOGY(SGT) Secondary sexual correctors		PHYSIOLOGY LAB. [DOAP] Sk: PY.3.18 (GH)- Revision Human(hu) lab PY.3.14 (EF)- Cardiac Autonomic function test He: PY.2.11 (AB)- Interpretation of automated cell monitor report **BIOCHE. LAB(CD)** - Demonstrate the estimation of calcium and phosphorus [BI11.11]	**ANATOMY SDL** Hemorrhoids, PER RECTAL EXAMINATION
WEDNESDAY 26th May	**BUDDHA PURNIMA (HOLIDAY)**							
THURSDAY 27th May (Day 92)	PHYSIOLOGY (SGT) PY4.4 Menstrual cycle	ANATOMY [L] Anal canal (AN 48.2, 48.5, 49.5) VI	DISSECTION [DOAP] Demonstration of features of anal canal in sagittal section. [DOAP] **ANATOMY [SGT]** Hemorrhoids, PER RECTAL EXAMINATION		PHYSIOLOGY(L) PY4.4 Physiology of pregnancy, parturition & lactation		PHYSIOLOGY LAB. [DOAP] Sk: PY.3.18 (GH)- Velocity of nerve impulse conduction Human(hu) lab PY. 6.9 (EF)- Basic Life Support He: PY.2.11 (AB) - Interpretation of cell shorter technique introductive **BIOCHE. LAB(CD)** - Estimation of Urea and Glucose (Revision)	
FRIDAY 28th May (Day 93)	BIOCHEMISTRY [SGT] Discuss the mechanism and significance of blood glucose regulation in health and disease [BI3.9]	BIOCHEMISTRY [SGT] Discuss the mechanism and significance of blood glucose regulation in health and disease [BI3.9]	BIOCHEMISTRY [SGT] Discuss the mechanism and significance of blood glucose regulation in health and disease [BI3.9]	ANATOMY [L] Histology of female reproductive system II [AN 52.2, 9.2]	**COMMUNITY MEDICINE (SGT)** Health indicators : Mortality and Morbidity CM 1.7		HISTOLOGY LAB [DOAP] ovary, vagina, breast [AN 52.2, 9.2]	
SATURDAY 29TH May (Day 94)	ANATOMY [L] Ischiorectal fossa (AN 49.4, 49.5) VI	BIOCHEMISTRY [L] Carbohydrate Metabolism - HMP shunt & Minor Pathways [BI3.4,3.5]	PHYSIOLOGY (SGT) PY4.4 Diagnosis of pregnancy	PHYSIOLOGY LAB. [DOAP] Sk Lab -PY.3.18 (GH)- Revision Human(hu) lab PY.6.9 (EF) Revision He lab. -PY.2.11 (AB)- Revision **BIOCHE. LAB(CD)** - Lab leaving test and Grand viva			**Sports and extracurricular activity**	

18th week

Days	8-9am	9-10 am.	10-11 am.	11-12 am.	12-1 pm.	1-2 pm.	2-4 pm.	4-5pm.
MONDAY 31st May (Day 95)	PHYSIOLOGY (L) PY4.8 Case based discussion Growth charts, Anthropometric assessment of infants, Adolescent clinic	PHYSIOLOGY(SGT)PY4.8 Parturition and lactation	BIOCHEMISTRY [L] Carbohydrate Metabolism - Minor Pathways[BI3.4,3.5]	ANATOMY [L] Placenta II Twinning (AN 80.3- 80.7)**VI**	ANATOMY [SGT] Pelvic nerves (AN 48.4)	**LUNCH**	DISSECTION [DOAP] EMBRYOLOGY MODELS GIT Development	
TUESDAY 1st June (Day 96)	BIOCHEMISTRY [**SDL**] Carbohydrate metabolism	ANATOMY [SGT] Pelvic vessels (AN 47.9, 48.4)	DISSECTION [DOAP] Dissect and demonstrate pelvic vessels and pelvic nerves [AN 47.9, 48.4]		PHYSIOLOGY(SGT) PY4.3 Physiological basis of various pregnancy test, Semenananlysis reporting		PHYSIOLOGY LAB. [DOAP] Sk Lab -PY.3.18 Lab Leaving Test Human(hu) lab PY.6.9 - Lab Leaving Test He lab. -PY.2.11 - Lab Leaving Test **BIOCHE. LAB(CD)** - Lab leaving test and Grand viva	
WEDNESDAY 2nd June (Day 97)	**PHYSIOLOGY ECE on Artificial Reproductive Techniques [PY 10.18] Classroom Setting**			ANATOMY [SGT] Lymphatic drainage of abdomen & pelvis (AN 47.8, 47.9)	ANATOMY [L] Joints of pelvis		DISSECTION [DOAP] EMBRYOLOGY MODELS Urinary system Development	
THURSDAY 3rd June (Day 98)	PHYSIOLOGY (L)HIVI PY4.9 Contraception	ANATOMY **SDL** AUTONOMIC BLADDER [AN 48.6] Episiotomy, [AN 48.5]	ANATOMY [SGT] Surface anatomy I (AN 54.1, 54.2, AN 55.1, 55.2) **VI**	ANATOMY [SGT] Surface anatomy II (AN 54.1, 54.2, AN 55.1, 55.2) **VI**	PHYSIOLOGY(SGT) Blood testis barrier		PHYSIOLOGY LAB. [DOAP] Sk: PY.3.18 (EF)- Introduction & study of apparatus Human(hu) lab PY. 5.95 (CD) - General Examination He: PY.2.11 (GH)- Introduction to Microscopy **BIOCHE. LA(AB)** - Chemical (normal and abnormal) components of urine – Briefing[BI11.3]	ANATOMY **SDL** **CBD** COLIC AND REFERRED PAIN [AN 47.6]
FRIDAY 4th June (Day 99)	**BIOCHEMISTRY ECE [Classroom Setting]** Carbohydrate Metabolism [BI3.8 & 3.10]			ANATOMY [SGT] **CBD** COLIC AND REFERRED PAIN [AN 47.6]	**COMMUNITY MEDICINE (L)** Basic concepts of demography and demographic cycle CM 9.1		DISSECTION [DOAP] EMBRYOLOGY MODELS Reproductive system Development	
SATURDAY 5th June (Day 100)	ANATOMY **SDL** Revision of parts	BIOCHEMISTRY [L] Protein digestion & absorption [BI5.3]	PHYSIOLOGY(**SDL**)PY4.3 Seminar	PHYSIOLOGY LAB. [DOAP] Sk: PY.3.18 (EF)- Physiograph – its handling Human(hu) lab PY.5.13 (CD) - Examination of pulse He:PY2.11 (GH)- Preparation of Blood smear & Identification of cells BIOCHE. LAB(AB) -Urine analysis- Practical (Normal constituent)[BI11.4]			**PHYSIOLOGY AETCOM MODULE 2.2 VISIT TO HOSPITAL**	Sports/ Extracurricular activity

19th week

Days	8-9am	9-10 am.	10-11 am.	11-12 am.	12-1 pm.	1-2 pm.	2-4 pm.	4-5 pm.
MONDAY 7thJune (Day 101)	PHYSIOLOGY (L) PY7.1 Peri Menopause & Menopause-hormonal changes	**PHYSIOLOGY Assessment- GIT, Renal & Reproductive**	BIOCHEMISTRY [L] Protein metabolism: Transamination and deamination [BI5.4]	**Part Completion Assessment Abdomen & Pelvis**			**Part Completion Assessment Abdomen & Pelvis**	
TUESDAY 8thJune (Day 102)	BIOCHEMISTRY [SGT] Urea cycle, its regulation and associated disorders [BI5.4]	**Part Completion Assessment Abdomen & Pelvis**			PHYSIOLOGY (L) PY7.2 Introduction to Cardiovascular System Organization of CVS	**LUNCH**	PHYSIOLOGY LAB. [DOAP] Sk Lab -PY.3.18 (EF)- Simple muscle curve & effect of Temperature Human(hu) lab PY. 4.10 (CD) - Abdominal examination He lab. -PY.2.11 (GH)- Revision BIOCHEMISTRY LAB(AB) - Urine analysis (abnormal constituents)[BI11.4]	

BLOCK III

Thorax

Cardiovascular System

Metabolism of Amino- acid, Acid Base balance, Nucleotide metabolism, Clinical and Applied Biochemistry

Days	8-9am	9-10 am.	10-11 am.	11-12 am.	12-1 pm.	1-2 pm.	2-4 pm.	4-5 pm.
WEDNESDAY 9th June (Day 103)	PHYSIOLOGY (SGT) Causes of infertility and role of IVF	PHYSIOLOGY(L) PY10.4 Initiation and Spread of Cardiac Impulse	PHYSIOLOGY (L) VI PY10.4 Cardiac Muscle Contraction Action Potential Heart as Pump	ANATOMY [SGT] Sternum	ANATOMY [SGT] Typical ribs [AN 21.2]		DISSECTION [DOAP] Demonstration of thoracic inlet (AN 21.3) Tutorial of thoracic vertebrae I (AN 21.2)	
THURSDAY 10th June (Day 104)	PHYSIOLOGY (L) **AITo CHF** PY11.11 Cardiac cycle	ANATOMY [L] Introduction of thorax (AN 21.3) Thoracic wall I (AN 21.4, 21.5)	DISSECTION [DOAP] Intercostal spaces (AN 21.4, AN 21.5)		PHYSIOLOGY (L) **AITo CHF** PY10.7 Cardiac cycle		PHYSIOLOGY LAB. Sk Lab -PY.3.18 (EF)- Effect of repeated stimuli & fatigue Human(hu) lab PY. (CD)- Measurement of blood pressure He lab. -PY.2.11 (GH)- DLC BIOCHE. LAB(AB) - Urine analysis (abnormal constituent and interpretation of report)[BI11.20]	
FRIDAY 11th June (Day 105)	BIOCHEMISTRY [L] Acid base balance [BI6.8]	BIOCHEMISTRY [L] Acid base balance and its disorders [BI6.8]	BIOCHEMISTRY [SGT] ABG and its interpretation[BI6.8]	ANATOMY [L] Thoracic wall (AN 21.6, 21.7)	**COMMUNITY MEDICINE (L)** Demographic profile of India CM 1.8		DISSECTION [DOAP] Dissection of Intercostal spaces [AN 21.6, 21.7]	
SATURDAY 12th June (Day 106)	ANATOMY [SGT] Thoracic vertebrae II (AN 21.2)	BIOCHEMISTRY [SGT] Urea cycle, its regulation and associated disorders [BI5.4]	PHYSIOLOGY(SGT) PY7.1,7.3 Importance of AV nodal delay	PHYSIOLOGY LAB. [DOAP] Sk Lab -PY.3.18 (EF)- Revision Human(hu) lab PY. (CD) - Effect of posture on blood pressure He lab. -PY.2.11 (GH)- Revision BIOCHE. LAB(AB) - Principle of Colorimetry (Briefing) [BI11.6,11.18]			ANATOMY AETCOM Module 1.4 Communication skill (Small group)	Sports/ Extracurricular activity

20th week

Days	8-9am	9-10 am.	10-11 am.	11-12 am.	12-1 pm.	1-2 pm.	2-4 pm.	4-5 pm.
MONDAY 14th June (Day 107)	PHYSIOLOGY (L) **AITo CHF** PY10.7 Pressure and volume changes during cardiac cycle	PHYSIOLOGY (SGT)PY10.7 CVS Introduction	BIOCHEMISTRY [L] Metabolism of Glycine, serine, threonine [BI5.4]	ANATOMY [L] Development of Cardiovascular system I [AN 25.2] **VI**	ANATOMY [L] Mediastinum [AN 21.11] **VI**		DISSECTION [DOAP] Reflection of Anterior thoracic wall and demonstration of Superior, Anterior and Middle mediastinum [AN 21.11]	
TUESDAY 15th June (Day 108)	BIOCHEMISTRY [SDL] Acid base balance	ANATOMY [L] Joints of thorax & mechanics of respiration [AN 21.8, 21.9, 21.10]**HI**	ANATOMY [SGT] Typical ribs & Atypical ribs I [AN 21.2]	ANATOMY [SGT] Typical ribs & Atypical ribs II [AN 21.2]	PHYSIOLOGY (L) **AITo CHF** PY10.7 Hemodynamics of circulatory system I		PHYSIOLOGY LAB[DOAP] Sk Lab -PY.3.18 (EF)- Seat of fatigue till exhaustion Human(hu) lab PY.10.11 (AB)- Effect of exercise on blood pressure He lab. -PY.2.11 (GH)- TLC BIOCHEMISTRY LAB(AB) - Finding of Lamda max (Demonstration)	
WEDNESDAY 16th June (Day 109)	PHYSIOLOGY (SGT) **AITo CHF** PY10.7 Impulse generation	PHYSIOLOGY(L) **AITo CHF** HI PY11.1,11.2,11.3 ECG	PHYSIOLOGY(SGT) **AITo CHF** PY11.1 Heart Valves	ANATOMY [L] Pericardium [AN 22.1]	ANATOMY [L] **AITo CHF** Heart I (external features) [AN 22.2]		DISSECTION [DOAP] Dissection of heart [AN 22.2]	
THURSDAY 17th June (Day 110)	PHYSIOLOGY (L) **AITo CHF** PY 10.2,10.8 Innervation of Heart and Heart Rate	ANATOMY [L] **AITo CHF** Heart II [AN 22.2, 22.6] H	DISSECTION [DOAP] **AITo CHF** Dissection of heart [AN 22.2, 22.6]		PHYSIOLOGY (SGT) **AITo CHF** PY 10.2,10.8 Heart Sounds	**LUNCH**	PHYSIOLOGY LAB Sk lab-PY.3.18 (EF)- Various strength of stimuli Human(hu) lab PY.10.11 (AB) - Revision He lab-PY.2.11(GH)- Revision BIOCHEMISTRY LAB(AB) - Estimation of Plasma Glucose and its interpretation – Practical[BI11.21]	
FRIDAY 18th June (Day 111)	**BIOCHEMISTRY ECE I (HOSPITAL SETTING)**			ANATOMY [L] **AITo CHF** Heart III [AN 22.3, 22.5,22.6, 22.7]**VI**	**COMMUNITY MEDICINE (SGT) Population dynamics of India CM 9.4**		ANATOMY [L] Pleura [AN 24.1] **VI, HI**	
SATURDAY 19th June (Day 112)	ANATOMY [L] Lung I [AN 24.2] **VI, HI**	BIOCHEMISTRY [L] Metabolism of Branched chain amino acids & associated disorders [BI5.4]	PHYSIOLOGY(L) **AITo CHF** PY10.2 Regulation of Heart Rate	PHYSIOLOGY LAB[DOAP] Sk lab-PY.3.18 (EF)- Revision Human(hu) lab PY. (AB) - Examination of respiratory system He lab-PY.2.11 (GH)- RBC count BIOCHEMISTRY LAB (AB) -Estimation of Urea and report interpretation – Practical [BI11.21]			**ANATOMY AETCOM Module 1.4 COMMUNICATION SKILL (Small group)**	Sports/ Extracurricular activity

21st week

Days	8-9am	9-10 am.	10-11 am.	11-12 am.	12-1 pm.	1-2 pm.	2-4 pm.	
MONDAY 21stJune (Day 113)	PHYSIOLOGY (L) **AITo CHF** PY10.9 Cardiac Output	PHYSIOLOGY (SGT)PY 10.2,10.8 Physiology of Exercise	BIOCHEMISTRY [L] Metabolism of aromatic amino acid & associated disorders [BI5.4]	ANATOMY [L] Development of Cardiovascular System III [AN 25.2]**VI**	ANATOMY [L] Lung II [AN 24.3, 24.5]**VI, HI**		DISSECTION [DOAP] Demonstration of lung [AN 24.2, 24.3, 24.5]	
TUESDAY 22nd June (Day 114)	BIOCHEMISTRY [**SDL**] Protein metabolism	**ANATOMY ECE [classroom setting]** ISCHEMIC HEART DISEASE [AN 22.4]			PHYSIOLOGY (SGT) **AITo CHF** PY10.9 ECG		PHYSIOLOGY LAB. [DOAP] Sk lab-PY.3.18 (EF)- Genesis of tetanus Human(hu) lab PY.10.20 (CD) - Spirometry, Lung Function Test (volume, capacities) He lab-PY.2.11 (GH)- Revision BIOCHEMISTRY LAB(AB) Demonstrate the estimation of serum creatinine and calculation of creatinine clearance [BI11.7]	
WEDNESDAY 23rd June (Day 115)	**ECE I PHYSIOLOGY [HOSPITAL VISIT] Roster & topics attached**			ANATOMY [L] Phrenic nerve [AN 24.4]	ANATOMY [L] Contents of mediastinum I [AN 23.2, 23.3, 23.7] **VI**	**LUNCH**	DISSECTION [DOAP] Demonstration of Contents of mediastinum [AN 23.2, 23.3 & 23.7]	
THURSDAY 24th June (Day 116)	PHYSIOLOGY(L) **AITo CHF** PY10.9 Factors affecting cardiac out put	ANATOMY [L] Contents of mediastinum III [AN 23.1, 23.4, 23.5, 23.6] **VI**	DISSECTION [DOAP] Demonstration of Contents of mediastinum [AN 23.1, 23.4, 23.5, & 23.6]		PHYSIOLOGY (SGT) PY10.9 Valvular heart disease		PHYSIOLOGY LAB. [DOAP] Sk lab-PY.3.18 (EF)- Effect of load on muscle contraction Human(hu) lab PY.10.20 (CD) - Examination of cardiovascular sytem He lab-PY.2.11 (GH)- Hb estimation, Hb electrophoresis & it clinical significance BIOCHEMISTRY LAB(AB) - Demonstrate the estimation of total protein [BI11.21]	
FRIDAY 25th June (Day 117)	BIOCHEMISTRY [L] Metabolism of sulphur containing amino acids & associated disorders [BI5.4]	BIOCHEMISTRY [SGT] Interpretation of laboratory results of analytes associated with protein metabolism [BI5.5]	BIOCHEMISTRY [SGT] Interpretation of laboratory results of analytes associated with protein metabolism [BI5.5]	ANATOMY [SGT] Trachea [AN 24.6]	**COMMUNITY MEDICINE (SGT)** Causes and consequences of population explosion in india CM 9.4		DISSECTION [DOAP] Demonstration of Phrenic nerve & Trachea [AN 24.4, 24.6]	
SATURDAY 26th June (Day 118)	ANATOMY [SGT] THORACOCENTESIS [AN 24.1]	BIOCHEMISTRY [**SDL**] Protein metabolism	PHYSIOLOGY (L) PY10.2,10.8,10.9 Blood Pressure	PHYSIOLOGY LAB. [DOAP] Sk lab-PY.3.18 (EF)- Revision Human(hu) lab PY. (CD)- Cardiac Autonomic function test He lab-PY.2.11 (GH)- Interpretation of automated cell monitor report BIOCHEMISTRY LAB(AB) - Demonstrate the estimation of calcium and phosphorus[BI11.11]			PHYSIOLOGY AETCOM MODULE 2.3 SDL DISCUSSION AND CLOSURE SESSION (SMALL GROUP)	Sports/ Extracurricular activity

22nd week

Days	8-9am	9-10 am.	10-11 am.	11-12 am.	12-1 pm.	1-2 pm.	2-4 pm.	4-5 pm
MONDAY 28th June (Day 119)	PHYSIOLOGY (SGT) PY10.9 Methods of Recording BP	PHYSIOLOGY [L] HI VI PY10.7 Cardiovascular regulation -I	BIOCHEMISTRY [SGT] Glycated haemoglobin	ANATOMY [L] Development of Cardiovascular System IV [AN 25.2]VI	ANATOMY SDL on obstruction of superior and inferior vena cava [AN 23.3]		DISSECTION [DOAP] Surface marking of pleura, lung and heart [AN 25.9]VI, HI	
TUESDAY 29th June (Day 120)	BIOCHEMISTRY [SGT] Body fluids: Amniotic, ascitic, etc (Biochemical analysis) [BI11.15]	ANATOMY SDL **DHARAM NARAYAN BOOK PRIZE COMPETITION**			PHYSIOLOGY(SGT)PY10.9 Pulse and factors affecting it		**PHYSIOLOGY LAB. [DOAP]** Hu lab PY5.10.20 (CD)- Basic Life Support Sk lab PY.3.18 (EF)- Velocity of nerve impulse conduction He lab-PY.2.11 (GH)- Interpretation of cell shorter technique introductive BIOCHEMISTRY LAB(AB) - Estimation of Urea and Glucose (Revision)	
WEDNESDAY 30th June (Day 121)	PHYSIOLOGY(SGT)PY-10.7 ABPM	PHYSIOLOGY(SGT)-PY5.1 Baroreflex mechanism	PHYSIOLOGY(L) PY5.1 Regulation of BP & Cardiac Output	ANATOMY [L] Development of Respiratory System	ANATOMY SDL on Coarctation of aorta [AN 23.4]		DISSECTION [DOAP] Radiology of thorax [AN 25.7, 25.8]VI [DOAP]	
THURSDAY 1st July (Day 122)	PHYSIOLOGY (D/L)PY5. Cardiovascular Regulation II	**ANATOMY ECE I [HOSPITAL SETTING]**			PHYSIOLOGY(SDL) Seminar	**LUNCH**	PHYSIOLOGY LAB. [DOAP] Hu lab PY5.10.20 (CD)- Revision Sk lab PY 3.18 (EF)- Revision He lab-PY.2.11 (GH)- Revision BIOCHEMISTRY LAB(AB) - Lab leaving test and Grand viva	
FRIDAY 2nd Jjuly (Day 123)	BIOCHEMISTRY [SGT] Outline the basic principles involved in the functioning of instruments commonly used in biochemistry lab -3 [BI 11.19]	BIOCHEMISTRY [SGT] Nucleic acid Chemistry [BI6.2]	BIOCHEMISTRY [L] Nucleic acid metabolism:Biochemical importance of Nucleotides, Purine synthesis & its regulation [BI6.2]	**ANATOMY SDL Revision of parts**	**COMMUNITY MEDICINE (SGT)** Declining Sex ratio and its social and health implication CM 9.3		**ANATOMY SDL Revision of parts**	
SATURDAY 3rd July (Day 124)	**ANATOMY SDL Revision of parts**	BIOCHEMISTRY [L] Nucleic acid metabolism: Pyrimidine synthesis & its regulation [BI6.2]	PHYSIOLOGY(L) **AITo CHF** PY5.3 Heart Failure I	PHYSIOLOGY LAB.[DOAP] Sk lab PY 3.18 - Lab Leaving Test Hu lab PY5.10.20 - Lab Leaving Test He lab-PY.2.11 - Lab Leaving Test BIOCHEMISTRY LAB(AB) - Lab leaving test and Grand viva			**COMMUNITY MEDICINE (SDL) Demographic profile of a country-Impact on health (CM 1.8) 2-4pm**	

23rd week

Days	8-9am	9-10 am.	10-11 am.	11-12 am.	12-1 pm.	1-2 pm.	2-4 pm.	4 -5 pm.
MONDAY **5thJuly** **(Day 125)**	PHYSIOLOGY(L) **AITo CHF** PY5.3 Heart Failure II	PHYSIOLOGY(SGT) **AITo CHF** PY5.4 Symptoms and Signs of Heart Failure	BIOCHEMISTRY [SGT] Common disorders associated with nucleotide metabolism and Inhibitors of Purine and Pyrimidine synthesis [BI6.3]	ANATOMY **Seminar**	ANATOMY **Seminar**		ANATOMY **Seminar**	
TUESDAY **6thJuly** **(Day 126)**	BIOCHEMISTRY [SGT] Interpret the laboratory report of analytes associated with Lesch Nyhan Syndrome, Gout (case discussion) [BI6.4]	**ANATOMY** **Assessment: Thorax**			PHYSIOLOGY(SGT) PY5.4 Anthropometry	**LUNCH**	**PHYSIOLOGY LAB.** **Sk Lab -PY.3.18 (CD) - Introduction & study of apparatus** **Human(hu) lab PY. (AB) - General Examination** **He lab. -PY.2.11 (EF) - Introduction to Microscopy** **BIOCHE. LAB (GH) -** Perform estimation of serum total cholesterol [BI11.9]	

BLOCK IV

Upper Limb

Respiratory Physiology

Lipid Metabolism, Integration of Metabolism, Introduction to Molecular Biology

Days	8-9am	9-10 am.	10-11 am.	11-12 am.	12-1 pm.	1-2 pm.	2-4 pm.	
WEDNESDAY 7th July (Day 127)	PHYSIOLOGY(L) PY5.4 Regional Circulation	PHYSIOLOGY(SGT) ECG Revision	PHYSIOLOGY **SDL** Seminar	ANATOMY [SGT] Introduction to Upper limb. Clavicle [AN8.1-8.4, 13.1, 13.4r]	ANATOMY [L] Venous & Lymphatic Drainage of UL [AN13.1]VI		DISSECTION [DOAP] Surface landmarks of upper limb on cadaver ANATOMY [SGT] Humerus [AN 8.1, 8.2, 8.4]	
THURSDAY 8th July (Day 128)	PHYSIOLOGY (L) PY 5.3 SHOCK	ANATOMY [L] Pectoral Region [AN 9.1, 10.11]	DISSECTION [DOAP] Dissection of Pectoral region [AN 10.11]		PHYSIOLOGY(SGT) PY5.4 Shock		**PHYSIOLOGY LAB.[DOAP] Sk Lab -PY.3.18 (CD)- Physiograph – its handling** **Human(hu) lab PY. (AB) - Examination of pulse** **He lab. -PY.2.11 (EF)- Preparation of Blood smear & Identification of cells** **BIOCHE. LAB(GH)** - Demonstrate the estimation of triglycerides and HDL- cholesterol [BI11.10]	
FRIDAY 9th July (Day 129)	**BIOCHEMISTRY ECE II (Hospital setting)**			ANATOMY [L] Breast [AN 9.2] VI	**COMMUNITY MEDICINE (SGT)** Methods of population control CM9.5		DISSECTION [DOAP] Dissection of Pectoral region [AN 10.11]	
SATURDAY 10th July (Day 130)	ANATOMY [SGT] Scapula [AN 8.1, 8.2, 8.4, 13.4]VI	BIOCHEMISTRY [L] Lipid metabolism: Digestion and absorption of dietary lipids and also the key features of their metabolism [BI4.2]	PHYSIOLOGY (L) PY5.7 Effect of Exercise on cardiovascular & Respiratory Physiology	PHYSIOLOGY LAB. [DOAP] **Skill (SK)lab PY.3.18 (CD)- Simple muscle curve & effect of Temperature** **Human(hu) lab PY.11.13 (AB) - Abdominal examination** **Haematology (HE)lab PY.2.11- (EF)- Revision** **BIOCHE. LAB (GH)** -Demonstrate estimation of serum proteins, albumin and calculate A:G ratio [BI11.8,11.22]			ANATOMY AETCOM Module 1.4 COMMUNICATION SKILL (SDL discussion and closure	Sports/ Extracurricular activity

24th week

Days	8-9am	9-10 am.	10-11 am.	11-12 am.	12-1 pm.	1-2 pm.	2-4 pm.	4-5 pm
MONDAY 12th July (Day131)	PHYSIOLOGY (SGT) PY5.7 Regional circulation	PHYSIOLOGY (L) PY5.7 Introduction to Respiratory Physiology,Functional anatomy and functions of respiratory tract	BIOCHEMISTRY [L] Lipid metabolism: Oxidation of fatty acid and its regulation [[BI4.3]	ANATOMY [L] Genetics I	ANATOMY [L] Axilla -I [AN 10.1, 10.2]		DISSECTION [DOAP] Dissection of Axilla I [AN 10.1, 10.2]	
TUESDAY 13th July (Day 132)	BIOCHEMISTRY [L] Lipid metabolism: Biosynthesis of Fatty acid and its regulation [BI 4.3]	ANATOMY [L] Axilla -II [AN 10.4, 10.7]VI	DISSECTION [DOAP] Dissection of Axilla II [AN 10.1, 10.2, 10.4]		PHYSIOLOGY(L) PY5.9 Mechanics of respiration-I		PHYSIOLOGY LAB. [DOAP] Skill (SK)lab PY.3.18 (CD)- Effect of repeated stimuli & fatigue Human(hu) lab PY.5.12 (AB) - Measurement of blood pressure Haematology (HE)lab PY.2.11-(EF)- DLC **BIOCHE. LAB(GH)** - Demonstrate the estimation of serum bilirubin [BI11.12]	
WEDNESDAY 14th July (Day 133)	**ECE II PHYSIOLOGY [HOSPITAL VISIT] Roster topics attached**			ANATOMY [L] Brachial Plexus [AN 10.3, 10.5]VI	ANATOMY [L] Cutaneous innervations of upper limb (L) [AN 13.2] VI[IM]	**LUNCH**	DISSECTION [DOAP] Dissection of Brachial Plexus [AN 10.3]	
THURSDAY 15th July (Day 134)	PHYSIOLOGY(L) PY5.9 Mechanics of respiration-II	Anatomy [L] Front of Arm [AN 11.1,11.2]	DISSECTION [DOAP] Dissection of Front of Arm [AN 11.1, 11.2]		PHYSIOLOGY (SGT) PY5.7 Physiology of respiration in different species		PHYSIOLOGY LAB. [DOAP] Sk lab PY3.18 (CD)- Revision Human(hu) lab PY.5.12 (AB)- Effect of posture on blood pressure He lab PY2.11 (EF) - Revision BIOCHE. LAB(GH) -Demonstrate the estimation of SGOT/ SGPT[BI11.13]	
FRIDAY 16th July (Day 135)	BIOCHEMISTRY [L] Lipid metabolism: Biosynthesis of Fatty acid and its regulation [BI 4.3]	BIOCHEMISTRY [SGT] Ketogenesis [BI4.3]	BIOCHEMISTRY [SGT] Lipid metabolism: Eicosanoids [BI4.3]	ANATOMY [L] Back & Scapular Region [AN 10.8, 10.10, 10.11, 10.13]	**COMMUNITY MEDICINE (SDL)** Introduction and concept of national population policy CM 17.4		DISSECTION [DOAP] Dissection of Scapular region [AN 10.8,10.10, 10.11, 10.13]	
SATURDAY 17th July (Day 136)	ANATOMY [SGT] Ulna (T) [AN 8.1, 8.2, 8.4]VI	BIOCHEMISTRY [L] Lipid metabolism: Therapeutic uses of prostaglandins and inhibitors of eicosanoid synthesis [BI4.6]	PHYSIOLOGY (L) PY5.9 Introduction to Respiratory physiology	**P**HYSIOLOGY LAB. [DOAP] Sk lab PY3.18 (CD) - Seat of fatigue till exhaustion Human(hu) lab PY.3.16 (AB)- Effect of exercise on blood pressure He lab PY2.11 (EF) - TLC BIOCHE. LAB (GH) -Demonstrate the estimation of alkaline phosphatase [BI11.14]			**COMMUNITY MEDICINE (SGT)** Important Aspects Of Doctor patient relationship CM1.10 2-4pm	ANATOMY SDL CBD ON FRACTURE SURGICAL NECK AND SHAFT OF HUMERUS

25th week

Days	8-9am	9-10 am.	10-11 am.	11-12 am.	12-1 pm.	1-2 pm.	2-4 pm.	4-5 pm
MONDAY 19th July (Day 137)	PHYSIOLOGY(SGT) PY5.9 Muscles of respiration	PHYSIOLOGY(SGT) PY5.9 Pulmonary Pressures	BIOCHEMISTRY [L] Metabolism of Acylglycerols and Sphingolipids [BI4.3]	ANATOMY [L] Genetics II	ANATOMY [SGT] Back of Arm [AN 11.1,11.2, 11.4]		DISSECTION [DOAP] Dissection of Back of Arm [AN 11.1,11.2, 11.4]	
TUESDAY 20th July (Day 138)	Biochemistry [L] Lipoproteins and its metabolism [BI4.3]	ANATOMY [SGT] CBD ON FRACTURE SURGICAL NECK AND SHAFT OF HUMERUS	ANATOMY **SDL** Erb's palsy and Klumpke's paralysis[AN 10.6]		PHYSIOLOGY(SGT) PY5.9 Effect of exercise on respiration		PHYSIOLOGY LAB. [DOAP] Sk lab PY3.18 (CD)- Various strength of stimuli Human(hu) lab (AB)- Revision He lab PY2.11 (EF)- Revision BIOCHE. LAB(GH) -Demonstrate the estimation of serum uric acid	
WEDNESDAY 21st July	**EID-UL-ADHA (HOLIDAY)**							
THURSDAY 22ND July (Day 139)	PHYSIOLOGY (SGT) PY5.9 Factors affecting alveolar ventilation	**ANATOMY ECE II HOSPITAL SETTING**			PHYSIOLOGY(L) PY5.9,5.10 Mechanism of Respiration		PHYSIOLOGY LAB.[DOAP] He lab-PY.2.11 (EF)- RBC count Human(hu) lab PY.3.15 (AB)- Examination of respiratory system Sk lab-PY.3.18 (CD)- Revision BIOCHE. LAB(GH)- Observe use of commonly used equipments/techniques in biochemistry laboratory-1 [BI11.16]	
FRIDAY 23rd July (Day 140)	BIOCHEMISTRY [**SDL**] Lipid metabolism	Biochemistry [L] Lipoproteins and its metabolism [BI4.3]	BIOCHEMISTRY [L] Lipoproteins interrelations & relation with atherosclerosis [BI4.4]	ANATOMY [L] Shoulder Joint, Sternoclavicular, Acromioclavicular [AN 10.12, 13.4] **VI**	**COMMUNITY MEDICINE (L)** Socio cultural factors in health and disease. CM 2.2	**LUNCH**	DISSECTION [DOAP] Dissection of Shoulder joint [AN 10.12]	
SATURDAY 24th July (Day 141)	ANATOMY [SGT] Radius [AN 8.1, 8.2, 8.4]**VI**	BIOCHEMISTRY [SGT] Lipid metabolism: Interpret laboratory results of analytes associated with metabolism of lipids (case discussion) [BI 4.5, 4.7]	PHYSIOLOGY(L) PY5.9 Physical Principles governing lung dynamics	PHYSIOLOGY LAB. [DOAP] He:PY.2.11 (EF) - Revision Human(hu) lab PY.5.14 (AB)- Spirometry, Lung Function Test (volume, capacities) Sk: PY.3.18 (CD) - Genesis of tetanus BIOCHE. LAB(GH) - Observe use of commonly used equipments/techniques in biochemistry laboratory-2 [BI11.16]			BIOCHEMISTRY AETCOM MODULE- 1.3 DOCTOR- PATIENT RELATIONSHIP (LARGE GROUP)	Sports/ Extracurricular activity

26th week

Days	8-9am	9-10 am.	10-11 am.	11-12 am.	12-1 pm.	1-2 pm.	2-4 pm.	4-5 pm.
MONDAY 26th July (Day 142)	PHYSIOLOGY (SGT) PY 5.9,5.10 Hamburger phenomenon/Haldane effect/other laws	PHYSIOLOGY (L) PY 5.9,5.10 Pulmonary Circulation	BIOCHEMISTRY [SGT] Lipid metabolism: Interpret laboratory results of analytes associated with metabolism of lipids (case discussion) [BI 4.5, 4.7]	ANATOMY [L] Genetics III	ANATOMY [L] Cubital Fossa [AN 11.3, 11.5]		DISSECTION [DOAP] Dissection of Cubital Fossa [AN 11.5]	
TUESDAY 27th July (Day 143)	BIOCHEMISTRY [SDL] Lipid metabolism	ANATOMY [L] Ventral Forearm- I [AN 12.1]	DISSECTION [DOAP] Dissection of Ventral Forearm [AN 12.1, 12.2]		PHYSIOLOGY HI (L) PY5.10 High attitude		PHYSIOLOGY LAB[DOAP] Sk: PY.3.18 (CD) - Effect of load on muscle contraction Human(hu) lab PY.3.14 (AB) - Examination of cardiovascular sytem He: PY.2.11 (EF) - Hb estimation, Hb electrophoresis & it clinical significance BIOCHE. LAB(GH) - Glucose Tolerance Test(briefing)	
WEDNESDAY 28th July (Day 144)	**PHYSIOLOGY ECE II [Hospital visit] Roster & topic attached**			ANATOMY [L] Ventral Forearm- II [AN 12.2]VI	ANATOMY [SGT] Hand – I [AN 12.3- 12.5]	**LUNCH**	DISSECTION [DOAP] Dissection of Ventral Forearm and hand [AN 12.1, 12.2, 12.3, 12.5]	
THURSDAY 29th July (Day 145)	PHYSIOLOGY(SGT) Pleural effusion / Pulmonary Oedema + Applied	ANATOMY [SGT] Hand-II [AN 12.6, 12.7, 12.8]	DISSECTION [DOAP] Dissection of ventral aspect of Hand [AN 12.3, 12.5 12.7, 12.9]		PHYSIOLOGY(SGT)PY5.11 Lung compliance		PHYSIOLOGY LAB[DOAP] Sk: PY.3.18 (CD) - Revision Human(hu) lab PY. 6.9 (AB)- Cardiac Autonomic function test He: PY.2.11 (EF)- Interpretation of automated cell monitor report BIOCHEM LAB(GH)- Estimation of Plasma Glucose and Urea (Revision)	
FRIDAY 30th July (Day 146)	BIOCHEMISTRY[SGT] REVISION Lipid metabolism	**BIOCHEMISTRY CLASS TEST**		ANATOMY [L] Dorsal Forearm and Hand [AN -12.2, -12.7, 12.11-12.15]VI	**COMMUNITY MEDICINE (L)** Role of family in health and disease (CM 2.2)		DISSECTION [DOAP] Dissection of Dorsal aspect of forearm and hand [AN 12.4, 12.5]	
SATURDAY 31st July (Day 147)	ANATOMY [SGT] Carpal Bones [AN 8.5] VI	BIOCHEMISTRY [L] Integration of metabolism: metabolic processes that take place in specific organs in the body in the fed and fasting states [BI6.1]	PHYSIOLOGY(SGT)PY5.11 Surfactant, Diffusion of gases through respiratory membrane & Pulmonary oedema clinical implication	PHYSIOLOGY LAB[DOAP] Sk Lab -PY.3.18 (CD) - Velocity of nerve impulse condution Human(hu) lab PY.6.9 (AB)- Basic Life Support He lab. -PY.2.11 (EF)- Interpretation of cell shorter technique introductive BIOCHE. LAB(GH) - Perform urine analysis to estimate abnormal constituents and interpret the findings(Revision)			BIOCHEMISTRY AETCOM MODULE- 1.3 DOCTOR- PATIENT RELATIONSHIP: INTERACTIVE DISCUSSION (SMALL GROUP)	Sports/ Extracurricular activity

27th week

Days	8-9am	9-10 am.	10-11 am.	11-12 am.	12-1 pm.	1-2 pm.	2-4 pm.	4-5 pm.
MONDAY 2nd August (Day 148)	PHYSIOLOGY (SGT)PY5.1 Obstructive and restrictive lung diseases	PHYSIOLOGY (L) PY5.5 Transport of blood gases O_2/gCo_2	BIOCHEMISTRY [SGT] Integration of metabolism: metabolic processes that take place in specific organs in the body in the fed and fasting states [BI6.1]	ANATOMY [L] Spaces of Hand [AN 12.9,12.10] **VI**	ANATOMY [L] Elbow Joint [AN 13.3, 11.6]		ANATOMY [SGT] Surface Anatomy I [AN 13.6, 13.7] **VI**	
TUESDAY 3rd August (Day 149)	BIOCHEMISTRY [L] Introduction to Molecular Biology, Structure of DNA, Alternate high structures of DNA, Physical properties of DNA [BI7.1]	ANATOMY [SGT] Radio-ulnar Joints [AN --13.3]	DISSECTION [DOAP] Dissection of Elbow Joint and Radio-ulnar Joints [AN 13.3]		PHYSIOLOGY (SGT) PY5.6 Space Physiology / deep sea diving	**LUNCH**	PHYSIOLOGY LAB. [DOAP] Sk: PY.3.18 (CD) - Revision Human(hu) lab PY. 5.95 (AB) - Revision He: PY.2.11 (EF)- Revision BIOCHE. LAB(GH)- Lab Leaving Test and Grand viva	
WEDNESDAY 4th August (Day 150)	PHYSIOLOGY(L) Regulation of respiration - I	PHYSIOLOGY(L) PY VI Ventilation perfusion ratio & its significance	PHYSIOLOGY (SGT) PY5.6 Spirometry	ANATOMY [L] Wrist Joint, Carpometacarpal joint, & Metacarpophalangeal joints [AN -13.3, 13.4]	ANATOMY [SGT] Case discussion Shoulder joint and Radial head dislocation [AN 8.6]		ANATOMY [SGT] Radiology [AN 13.5]	
THURSDAY 5th August (Day 151)	**PHYSIOLOGY (SDL) Seminar**	**ANATOMY ECE [Classroom setting]** Nerve injuries of upper limb [AN 10.7, 10.13, 13.7]			**PHYSIOLOGY SDL Seminar**		PHYSIOLOGY LAB. [DOAP] Sk: PY.3.18 - Lab Leaving Test Human(hu) lab PY.5.13 - Lab Leaving Test He:PY2.11 - Lab Leaving Test BIOCHEM.LAB (GH) - Lab Leaving Test and Grand viva	ANATOMY **SDL** Case discussion CA Breast [AN 9.2, 10.7], VI SU
FRIDAY 6th August (Day 152)	**BIOCHEMISTRY ECE III (Hospital setting)**			ANATOMY [SGT] Case discussion CA Breast [AN 9.2, 10.7], VI SU	**COMMUNITY MEDICINE (L)**Standard of housing and the effect of housing on health CM3.5		ANATOMY **SDL** Revision of soft parts of upper limb	
SATURDAY 7th August (Day 153)	ANATOMY **SDL** Revision of soft parts of upper limb	BIOCHEMISTRY [SGT] DNA supercoiling, DNA replication (experiments) [BI7.1,7.2]	PHYSIOLOGY(L) HI PY4.1,4.7 Regulation of Respiration – II	PHYSIOLOGY LAB. [DOAP] Sk Lab -PY.3.18 (AB) - Introduction & study of apparatus Human(hu) lab PY. 4.10 (GH) - General Examination He lab. -PY.2.11 (CD) - Introduction to Microscopy **BIOCHEM LAB (EF)**- Perform estimation of serum total cholesterol [BI11.9]			**COMMUNITY MEDICINE ASSESSMENT-1**	

28th week

Days	8-9am	9-10 am.	10-11 am.	11-12 am.	12-1 pm.	1-2 pm.	2-4 pm.	4-5 pm.
MONDAY 9thAugust (Day 156)	PHYSIOLOGY (SGT) Abnormal patterns of breathing	PHYSIOLOGY (L) PY4.2 Normal abnormal breathing patterns	BIOCHEMISTRY [L] Molecular biology: Replication [7.2]	ANATOMY **Seminar**	ANATOMY **Seminar**		ANATOMY **Seminar**	
TUESDAY 10thAugust (Day 154)	BIOCHEMISTRY [L] Molecular biology: Replication [7.2]	**Assessment Upper limb**			PHYSIOLOGY(SGT) PY4.1,4.7 Laboratory evaluation of lung function	**LUNCH**	PHYSIOLOGY LAB. Sk Lab -PY.3.18 (AB)- Physiograph – its handling Human(hu) lab PY. (GH) - Examination of pulse He lab. -PY.2.11 (CD)- Preparation of Blood smear & Identification of cells **BIOCHE. LAB(EF) -** Demonstrate the estimation of triglycerides and HDL- cholesterol [BI11.10]	

Block V

Spinal Cord, Brain

Nervous System & Higher Function

Molecular Biology, Protein targeting and Sorting, Extracellular Matrix, Heme Metabolism, Xenobiotics, Clinical and Applied Biochemistry

Days	8-9am	9-10 am.	10-11 am.	11-12 am.	12-1 pm.	1-2 pm.	2-4 pm.	4-5 pm.
WEDNESDAY 11th August (Day 155)	ECE PHYSIOLOGY [Classroom setting] Neuronal Disorders [PY 10.4]			ANATOMY [L] Development of nervous system I [AN 64.2, 64.3] VI,HI	ANATOMY [SGT] Vertebral Canal [AN 42.1]		DISSECTION [DOAP] Revision of Skull	
THURSDAY 12th August (Day 156)	PHYSIOLOGY(SGT)PY4.2 Ventilation and perfusion in different lung zones	**ANATOMY ECE III HOSPITAL SETTING**			PHYSIOLOGY(L) PY4.2 High altitude respiratory physiology effect of space (zero gravity) & positive gravity on respiratory system		PHYSIOLOGY LAB. [DOAP] Sk lab-PY.3.18 (AB)- Simple muscle curve & effect of Temperature Hu lab PY5.10.20 (GH) - Abdominal examination He lab-PY.2.11 (CD)- Revision BIOCHE. LAB(EF) - Demonstrate estimation of serum proteins, albumin and calculate A:G ratio[BI11.8, 11.22]	
FRIDAY 13th August (Day 157)	BIOCHEMISTRY [SGT] Molecular biology: DNA Repair [BI7.2]	BIOCHEMISTRY [SGT] Molecular biology: DNA Repair [BI7.2]	BIOCHEMISTRY [L] Molecular Biology: Chromosome, chromatin and gene [BI7.2]	ANATOMY [L] **AITo Spinal cord compression** Spinal cord-1 external and internal features [AN 57.3] VI	**COMMUNITY MEDICINE (L)** Epidemiological study designs CM 7.1	**LUNCH**	DISSECTION [DOAP] Demonstration of contents of vertebral canal and external features of spinal cord [AN 57.1]	
SATURDAY 14th August (Day 158)	ANATOMY [L] **AITo Spinal cord compression** Spinal cord- Tracts I [AN 57.4] VI, HI	BIOCHEMISTRY [SGT] **AITo Spinal cord compression** Composition of CSF and biochemical analysis of CSF (Body fluids) [BI11.15]	PHYSIOLOGY(L) (HI VI) PY7.5,7.4 Introduction of Nervous system	PHYSIOLOGY LAB. [DOAP] Skill (SK)lab PY.3.18 (AB)- Effect of repeated stimuli & fatigue Human(hu) lab PY.11.13 (GH) - Measurement of blood pressure Haematology (HE) – (CD)- DLC PY.2.11-Microscope BIOCHE. LAB(EF)- Demonstrate the estimation of serum bilirubin [BI11.12]			**Extracurricular and sports activity**	

29th week

Days	8-9am	9-10 am.	10-11 am.	11-12 am.	12-1 pm.	1-2 pm.	2-4 pm.	4-5 pm.
MONDAY 16th August (Day 159)	PHYSIOLOGY(SGT) PY7.5 Organization of Nervous system	PHYSIOLOGY(SGT) **AITo Spinal cord compression** PY7.5 Ascending pathways	BIOCHEMISTRY [L] Molecular biology: RNA synthesis [BI7.2]	ANATOMY [L] Development of nervous system II [AN 64.2, 64.3] **VI,HI**	**A**NATOMY [L] **AITo Spinal cord compression** Spinal cord- Tracts II [AN 57.4] **VI, HI**		DISSECTION [DOAP] Demonstration of layers of meninges & cistern [AN 56.1]	
TUESDAY 17th August (Day 160)	BIOCHEMISTRY [SGT] Post Transcriptional modifications[BI7.2]	**ANATOMY ECE [Classroom setting] SPINAL CORD INJURY [AN57.4, 57.5, PY 10.6]**			PHYSIOLOGY(L) **AITo Spinal cord compression** PY7.7,7.9 Somatic sensation and sensory tracts I		PHYSIOLOGY LAB.[DOAP] Skill (SK)lab PY.3.18 (AB)- Revision Human(hu) lab PY.5.12 GH) - Effect of posture on blood pressure Haematology (HE)lab PY.2.11- (CD)- Revision BIOCHE. LAB(EF) - Demonstrate the estimation of SGOT/ SGPT [BI11.13]	
WEDNESDAY 18th August (Day 161)	PHYSIOLOGY(SGT) **AITo Spinal cord compression** PY7.7 Descending pathways	PHYSIOLOGY(**SDL**)PY7.9 Seminar	PHYSIOLOGY(L) **AITo Spinal cord compression** HI PY7.9 Somatic sensation and sensory tracts II	ANATOMY [L] Layers of Meninges & cistern and CSF Circulation [AN 56.1, 56.2] **VI, HI**	ANATOMY [L] Circle of Willis, vascular supply of brain AN62.6 **VI,HI**	**LUNCH**	DISSECTION [DOAP] Demonstration of circle of willis & Vascular supply of brain [62.6]	
THURSDAY 19th August	**MUHARRAM (HOLIDAY)**							
FRIDAY 20Tth August (Day 162)	BIOCHEMISTRY **[SDL]** Molecular Biology	BIOCHEMISTRY [SGT] Molecular biology: Inhibitors of RNA synthesis [BI7.2]	BIOCHEMISTRY [SGT} Molecular biology: Genetic code [BI7.3]	ANATOMY [SGT] Venous drainage of Brain [AN 62.6]	**COMMUNITY MEDICINE (L) Community behaviour, relationship- Impact on health and disease (CM2.4)**		DISSECTION [DOAP] Demonstration of circle of willis & Vascular supply of brain [62.6]	
SATURDAY 21st August (Day 163)	ANATOMY [SGT] Blood supply of Spinal Cord [AN 57.3, .4, 57.5]	BIOCHEMISTRY [SGT} Molecular biology: Mutation [BI7.3]	PHYSIOLOGY(SGT) **AITo Spinal cord compression** PY7.9 UMN and LMN	PHYSIOLOGY LAB.[DOAP] Sk lab PY3.18 (AB)- Seat of fatigue till exhaustion Human(hu) lab PY.5.12 (GH)- Effect of exercise on blood pressure He lab PY2.11 (CD) - TLC BIOCHE. LAB(EF) - Demonstrate the estimation of alkaline phosphatase [BI11.14]			Sports/ Extracurricular activity	

30th week

Days	8-9am	9-10 am.	10-11 am.	11-12 am.	12-1 pm.	1-2 pm.	2-4 pm.	4-5 pm
MONDAY 23rdAugust (Day164)	PHYSIOLOGY **SDL** Seminar	PHYSIOLOGY(L) **AITo Spinal cord compression** HI PY6.1 Motor System/ tracts 1	BIOCHEMISTRY [L] Molecular biology: Protein synthesis and post translational modifications [BI7.2]	ANATOMY [L] Medulla II AN58.2,58.3 **VI,HI**	ANATOMY [L] Pons AN59.1,59.2 **HI**		DISSECTION [DOAP] Demonstration of external features of medulla and discussion on Medullary syndromes [AN 58.1, 58.4]**VI,HI**	
TUESDAY 24thAugust (Day 165)	BIOCHEMISTRY [L] Molecular biology: Protein synthesis and post translational modifications [BI7.2]	ANATOMY [L] Mid brain [AN61.1, 61.2] **VI,HI**	DISSECTION [DOAP] Demonstration of features of pons and midbrain [AN 59.1,59.2, 61.1,61.2,61.3]**VI,HI**		PHYSIOLOGY(L) **AITo Spinal cord compression** HI PY6.1 Motor tracts II		PHYSIOLOGY LAB.[DOAP] Sk lab PY3.18 (AB)- Various strength of stimuli Human(hu) lab PY.3.16 (GH) - Revision He lab PY2.11 (CD)- Revision BIOCHE. LAB(EF) -Demonstrate the estimation of serum uric acid	
WEDNESDAY 25thAugust (Day 166)	PHYSIOLOGY(SGT) PY7.9 Physiology of Pain	PHYSIOLOGY(L) PY6.2 Motor tracts, Posture & Equilibrium, Vestibular apparatus I	PHYSIOLOGY (L) PY6.2 Motor tracts, Posture & Equilibrium, Vestibular apparatus II	ANATOMY [SGT] **CBD** on Pons & Midbrain	ANATOMY [L] Cerebellum-1 (External & internal features) [AN60.1]		DISSECTION [DOAP] Demonstration of cerebellum (external features) [AN60.1]	
THURSDAY 26thAugust (Day 167)	PHYSIOLOGY (SGT) **AITo Spinal cord compression** PY6.1 Brown sequard syndrome	**ECE Anatomy HOSPITAL SETTING [IV]**			PHYSIOLOGY (L) PY6.2 Maintenance of Tone, Control of Body Movements	**LUNCH**	PHYSIOLOGY LAB [DOAP] Sk lab PY3.18 (AB)- Revision Human(hu) lab –(GH)- Examination of respiratory system He lab PY2.11 (CD)- RBC count BIOCHE. LAB(EF) - Observe use of commonly used equipments/techniques in biochemistry laboratory-1 [BI11.16]	
FRIDAY 27thAugust (Day 168)	BIOCHEMISTRY **[SDL]** Molecular Biology	BIOCHEMISTRY [SGT] Molecular biology: Inhibitors of Protein synthesis [BI7.2]	BIOCHEMISTRY [L] Regulation of gene expression [BI7.3]	ANATOMY [L] Microanatomy of Spinal cord, Cerebellum and Cerebrum [AN 64.1]	**COMMUNITY MEDICINE (SGT)** Community behaviour community relationship and their impact on health and disease CM 2.4		DISSECTION [DOAP] Identify the microanatomical features of Spinal cord, Cerebellum & Cerebrum [AN 64.1]	
SATURDAY 28thAugust (Day 169)	ANATOMY [L] Cerebellum-2 (connections) [AN60.2] **VI,HI**	BIOCHEMISTRY [L] Protein Sorting and targeting[BI9.3]	PHYSIOLOGY (SGT) PY6.2 Cerebellum and its connection	PHYSIOLOGY LAB. [DOAP] He lab-PY.2.11 (CD)- Revision Human(hu) lab PY.3.15 –(GH)- Spirometry, Lung Function Test (volume, capacities) Sk lab-PY.3.18 (AB)- Genesis of tetanus BIOCHE. LAB(EF) - Observe use of commonly used equipments/techniques in biochemistry laboratory-2 [BI11.16]			**COMMUNITY MEDICINE (SGT) REVISION 2-4pm**	

31st week

Days	8-9am	9-10 am.	10-11 am.	11-12 am.	12-1 pm.	1-2 pm.	2-4 pm.	4-5 pm.
MONDAY 30th August	**JANMASHTAMI (HOLIDAY)**							
TUESDAY 31ST August (Day 170)	BIOCHEMISTRY [SGT] Protein Sorting and targeting[BI9.3]	**D**ISSECTION [DOAP] Demonstration external and internal features of cerebellum (features) AN60.1 SGT] Cerebellar lesion [AN60.3]		ANATOMY [L] Cerebrum (External features, sulci & gyri) AN62.2 **VI,HI**	Physiology(L) PY6.2 Cerebral cortex – Layers, Organization and Brodman's mapping		PHYSIOLOGY LAB. [DOAP] He:PY.2.11 (CD)- Hb estimation, Hb electrophoresis & it clinical significance Human(hu) lab PY.5.14 (GH)- Examination of cardiovascular system Sk: PY.3.18 (AB)- Effect of load on muscle contraction BIOCHE. LAB(EF) - Glucose Tolerance Test (briefing)	
WEDNESDAY 1stSseptember (Day 171)	**ECE IV PHYSIOLOGY [HOSPITAL VISIT]**			**A**NATOMY [L] Cerebrum (functional cortical areas) [AN62.2] **VI,HI**	ANATOMY [SGT] White Matter of Cerebrum i [AN 62.3] **VI,HI**		DISSECTION [DOAP] Demonstration of cerebrum(sulci & gyri) [AN62.2]	
THURSDAY 2ndSeptember (Day 172)	PHYSIOLOGY(SGT) PY6.3 Cerebral cortex – Layers, Organization and Brodman's mapping	ANATOMY [SGT] White Matter of Cerebrum II [AN 62.3]	DISSECTION [DOAP] Demonstration of cerebrum(functional cortical areas) & white matter [AN 62.2, 62.3]		PHYSIOLOGY(L) PY6.3 Functions and abnormalities – Cerebral Cortex, Basal Ganglia - I	**LUNCH**	PHYSIOLOGY LAB. [DOAP] Sk: PY.3.18 (AB)- Revision Human(hu) lab PY.3.14 (GH)- Cardiac Autonomic function test He: PY.2.11 (CD)- Interpretation of automated cell monitor report BIOCHE. LAB(EF) - Estimation of Plasma Glucose and Urea (Revision)	
FRIDAY 3rdSeptember (Day 173)	BIOCHEMISTRY [SDL] Molecular biology	BIOCHEMISTRY [SGT] Outline the basic principles involved in the functioning of instruments commonly used in biochemistry lab -4 [BI11.19]	BIOCHEMISTRY [SGT] Extracellular matrix:Function and components of ECM [BI9.1]	ANATOMY [L] Fourth ventricle AN63.1 [D]	**COMMUNITY MEDICINE (SDL)** Gender issues and women empowerment CM 10.9		DISSECTION [DOAP] Demonstration of Fourth ventricle [AN63.1]	ANATOMY SDL CBD ON CEREBROVASCULAR ACCIDENTS
SATURDAY 4thSeptember (Day 174)	ANATOMY [SGT] CBD ON CEREBROVASCULAR ACCIDENTS	BIOCHEMISTRY [L] Extracellular matrix: Involvement of ECM in health and disease [BI9.2]	PHYSIOLOGY(L) PY6.1 Functions and abnormalities –Cerebral Cortex, Basal Ganglia II	PHYSIOLOGY LAB. [DOAP] Sk: PY.3.18 (AB)- Velocity of nerve impulse conduction Human(hu) lab PY. 6.9 (GH)- Basic Life Support He: PY.2.11 (CD) - Interpretation of cell shorter technique introductive BIOCHE. LAB(EF) - Perform urine analysis to estimate abnormal constituents and interpret the findings(Revision)		Sports/ Extracurricular activity	

32nd week

Days	8-9am	9-10 am.	10-11 am.	11-12 am.	12-1 pm.	1-2 pm.	2-4 pm.	
MONDAY 6th September (Day 175)	**2nd TERMINAL**							
TUESDAY 7th September (Day 176)	**2nd TERMINAL**							
WEDNESDAY 8th September (Day 177)	**2nd TERMINAL**						Sports/ Extracurricular activity	
THURSDAY 9th September (Day 178)	PHYSIOLOGY(SGT)PY6.3 Facial palsy	ANATOMY [L] Lateral Ventricle [AN 63.1, 63.3]**VI,HI**	DISSECTION [DOAP] Demonstration of lateral ventricle [AN63.1]		PHYSIOLOGY(L)PY6.3 Organisation of Limbic system	**LUNCH**	PHYSIOLOGY LAB. [DOAP] Sk Lab -PY.3.18 (AB)- Revision Human(hu) lab PY.6.9 (GH) Revision He lab. -PY.2.11 (CD)- Revision BIOCHE. LAB(EF) - Lab Leaving Test and Grand viva	
FRIDAY 10th September (Day 179)	BIOCHEMISTRY [SGT] Heme metabolism: Functions of haem in the body , Porphyrin structure & nomenclature [BI6.11]	BIOCHEMISTRY [L] Heme metabolism: Heme synthesis and its regulation. Disorders of Porphyrin metabolism [BI6.11]	BIOCHEMISTRY [L] Heme metabolism: Heme breakdown[BI6.11]	ANATOMY [L] Basal ganglia [AN62.4] **VI,HI**	**COMMUNITY MEDICINE (L)** Occupational disorders of health professionals and their prevention & management CM 11.5		ANATOMY [L] CBD Parkinson's disease [A**N62.4]**	
SATURDAY 11th September (Day 180)	ANATOMY [L] Limbic lobe [AN62.4] **VI,HI**	BIOCHEMISTRY [SGT] Hyperbilirubinemia [6.11]	PHYSIOLOGY(SGT)PY6.3 Abnormal movements & Gait	PHYSIOLOGY LAB. [DOAP] Sk Lab -PY.3.18 Lab Leaving Test Human(hu) lab PY.6.9 - Lab Leaving Test He lab. -PY.2.11 - Lab Leaving Test BIOCHE. LAB(EF) -Lab Leaving Test and Grand viva			COMMUNITY MEDICINE (SGT) Occupational disorders of health professionals and their prevention & management CM 11.5 2-4PM	

33rd week

	8-9am	9-10 am.	10-11 am.	11-12 am.	12-1 pm.	1-2 pm.	2-4 pm.
MONDAY 13th September (Day 181)	PHYSIOLOGY(L)PY6.3 Introduction to Thalmus & Hypothalmus	PHYSIOLOGY (SGT) PY 6.3 Parkinsonism	BIOCHEMISTRY [SGT] Clinical & applied biochemistry: Tests that are commonly done in clinical practice to assess hyperbilirubinemia [BI6.15]	ANATOMY [L] Thalamus AN62.5 **VI,HI**	ANATOMY [L] Epithalamus, Meta-thalamus [AN62.5] **VI,HI**		DISSECTION [DOAP] Demonstration of diencephalon [AN62.5]
TUESDAY 14th September (Day 182)	BIOCHEMISTRY [SGT] Common Genetic Disorders	ANATOMY [L] Hypothalamus & subthalamus AN62.5 **VI,HI**	DISSECTION [DOAP] Demonstration of diencephalon AN 62.5 and Third ventricle AN 63.1		PHYSIOLOGY (L) 6.3 Functions of Thalmus & Hypothalmus		PHYSIOLOGY LAB. [DOAP] Sk: PY.3.18 (GH)- Introduction & study of apparatus Human(hu) lab PY. 5.95 (EF) - General Examination He: PY.2.11 (AB)- Introduction to Microscopy **BIOCHE. LAB(CD)** -Perform estimation of serum total cholesterol[BI11.9]
WEDNESDAY 15th September (Day 183)	PHYSIOLOGY(SGT)PY6.3 Alzheimer's disease	PHYSIOLOGY(L)PY6.4 Functions of Cerebellum- I	PHYSIOLOGY (SGT)PY6.4 Sensory cortex and its components	ANATOMY [L] Nuclei, functional component, distribution of cranial nerves AN62.1,58.3,59.3 **VI,HI**	ANATOMY [SGT] Radiology		DISSECTION [DOAP] Demonstration of diencephalon AN 62.5 and Third ventricle AN 63.1
THURSDAY 16th September (Day 184)	PHYSIOLOGY(SGT) PY6.5 Motor cortex and its organization	ANATOMY [SGT] Surface marking **VI**	ANATOMY **SDL** CBD Neural tube defects and hydrocephalus		PHYSIOLOGY(SGT) PY6.5 Mechanism of Temp regulation	**LUNCH**	PHYSIOLOGY LAB. [DOAP] Sk: PY.3.18 (GH)- Physiograph – its handling Human(hu) lab PY.5.13 (EF) - Examination of pulse He:PY2.11 (AB)- Preparation of Blood smear & Identification of cells BIOCHE. LAB(CD) - Demonstrate the estimation of triglycerides and HDL- cholesterol [BI11.10]
FRIDAY 17th September (Day 185)	**BIOCHEMISTRY ECE [Classroom setting]** Heme metabolism [BI6.11]			ANATOMY **SDL** Revision of Soft parts	**COMMUNITY MEDICINE (L)** Common sampling , Techniques and simple statistical methods CM 6.4		ANATOMY **SDL** Revision of Soft parts
SATURDAY 18th September (Day 186)	ANATOMY **SDL** Revision of Soft parts	BIOCHEMISTRY [SGT] Approach to common genetic disorders and Prenatal Testing (Down's syndrome, Neural Tube Defect)	PHYSIOLOGY(L) PY6.6 Functions of Cerebellum - II	**PHYSIOLOGY** LAB. [DOAP] Sk Lab -PY.3.18 (GH)- Simple muscle curve & effect of Temperature Human(hu) lab PY. 4.10 (EF) - Abdominal examination He lab. -PY.2.11 (AB)- Revision BIOCHEMISTRY LAB(CD) - Demonstrate estimation of serum proteins, albumin and calculate A:G ratio [BI11.8, 11.22]		**COMMUNITY MEDICINE (SGT)** Common sampling Techniques and simple statistical methods CM 6.42-4P

34TH Week

Days	8-9am	9-10 am.	10-11 am.	11-12 am.	12-1 pm.	1-2 pm.	2-4 pm.	4-5 pm.
MONDAY 20th September (Day 187)	PHYSIOLOGY (L)HIVI PY6.6 Brain death & its implication	PHYSIOLOGY(L) HIVI PY6.6 Functions and properties of synapse , reflex, receptor	BIOCHEMISTRY [L] Xenobiotic Metabolism [BI7.5]	ANATOMY **Seminar**	ANATOMY **Seminar**		ANATOMY **Seminar**	
TUESDAY 21st September (Day 188)	BIOCHEMISTRY [SGT] Role of xenobiotics in disease [BI7.5]	**Assessment Spinal Cord & Brain**			PHYSIOLOGY(SGT) PY6.6 **F**unctions and properties of synapse, reflex	**LUNCH**	**PHYSIOLOGY LAB. [DOAP]** **S**k Lab -PY.3.18 (GH)- Effect of repeated stimuli & fatigue Human(hu) lab PY. (EF)- Measurement of blood pressure He lab. -PY.2.11 (AB)- DLC BIOCHE. LAB (CD) - Demonstrate the estimation of serum bilirubin [BI11.12]	

BLOCK VI

Head and Neck
Endocrine, ANS and Special Senses
Cancer biology, Nutrition, Free Radical Biology, Electrolyte and Water Metabolism,Hormones, Plasma Proteins, Clinical and Applied Biochemistry

WEDNESDAY 22nd September (Day 189)	PHYSIOLOGY(SGT)6.7,6.10 Synapse – Properties and function	PHYSIOLOGY(SGT) 6.7,6.10 Properties of Nerves/organization and classification	PHYSIOLOGY(L)PY9.1 Function and Properties of RAS	ANATOMY [SGT] Introduction to Skull & Norma Verticalis [AN 26.1, 26.2], Norma Occipitalis [AN 26.2]	ANATOMY [SGT] Norma Frontalis [AN 26.2]		DISSECTION [DOAP] Demonstration of Skull, Norma Verticalis, and Norma Occipitalis [AN 26.1, 26.2]	
THURSDAY 23rdSeptember (Day 190)	PHYSIOLOGY **SDL** SEMINAR	ANATOMY [L] Introduction of Head & Neck and Scalp [AN 27.1, 27.2] **VI**	DISSECTION [DOAP] Dissection of scalp [AN 27.1, 27.2] & temple		PHYSIOLOGY(SDL) Seminar	**LUNCH**	PHYSIOLOGY LAB. Sk Lab-PY.3.18(GH) - Revision Human(hu) lab PY. (EF) - Effect of posture on blood pressure He lab. -PY.2.11 (AB)- Revision BIOCHE. LAB (CD) - Demonstrate the estimation of SGOT/ SGPT[BI11.13]	
FRIDAY 24thSeptember (Day 191)	**BIOCHEMISTRY ECE (Hospital setting)- 4**			ANATOMY [L] Microscopic structure of Integumentary System [AN 72.1]	**COMMUNITY MEDICINE (L)** Frequency distribution,measures of central tendency and dispersion CM 6.4		HISTOLOGY LAB [DOAP] Demonstrate the microscopic structure of Integumentary System [AN 72.1]	
SATURDAY 25thSeptember (Day 192)	ANATOMY [L] Face –I [AN 28.1, 28.2]	BIOCHEMISTRY [L] Cancer biology: Cancer initiation and promotion Oncogenes & oncogene activation, p53 & apoptosis [BI10.1]	PHYSIOLOGY(L)PY9.1 Physiological basis of significance of EEG in clinical diagnosis/prognosis	PHYSIOLOGY LAB. [DOAP] Sk Lab -PY.3.18 (GH)- Seat of fatigue till exhaustion Human(hu) lab PY.10.11 (EF)- Effect of exercise on blood pressure He lab. -PY.2.11 (AB)- TLC BIOCHEMISTRY LAB(CD) - Demonstrate the estimation of alkaline phosphatase[BI11.14]			**COMMUNITY MEDICINE (SGT)** Frequency distribution, measures of central tendency and dispersion CM 6.4	

35th week

Days	8-9am	9-10 am.	10-11 am.	11-12 am.	12-1 pm.	1-2 pm.	2-4 pm.	4-5 pm.
MONDAY 27th September (Day 193)	PHYSIOLOGY(L) VI PY9.2 Sleep types and physiological characteristics related to EEG , Applied in sleep physiology	PHYSIOLOGY (SGT) VI PY9.2,9.5 Limbic system – parts and its connectives & functions	BIOCHEMISTRY [SGT] Cancer biology: Various biochemical tumor markers and the biochemical basis of cancer therapy [BI10.2]	ANATOMY [L] Development of face, nose & Palate I [AN 43.5]	ANATOMY [L] Face II [AN 28.3, 28.4, 28.7, 28.8 **VI**		DISSECTION [DOAP] Dissection of Face I [AN 28.1, 28.3, 28.4, 28.6]	ANATOMY **SDL** **FACIAL NERVE INJURY**
TUESDAY 28th September (Day 194)	BIOCHEMISTRY **[SDL]** Cancer biology	ANATOMY [SGT] Lacrimal Apparatus [AN 31.4]	DISSECTION [DOAP] Dissection of Face [AN 28.1, 28.3, 28.4, 28.6] ANATOMY **[SGT]** **FACIAL NERVE INJURY**		PHYSIOLOGY(SGT)6.7,6.10 Sleep & EEG		PHYSIOLOGY LAB[DOAP] Sk lab-PY.3.18 (GH)- Various strength of stimuli Human(hu) lab PY.10.11 (EF) - Revision He lab-PY.2.11(AB)- Revision BIOCHEM LAB (CD) - Demonstrate the estimation of serum uric acid	
WEDNESDAY 29th September (Day 195)	PHYSIOLOGY(SGT) VIPY9.2 physiological basis of learning & memory	PHYSIOLOGY?(L) PY9.3 Mechanism of memory consolidation – short term and long term memory	PHYSIOLOGY(SGT)PY9.1 Mechanism of short term memory	ANATOMY **SDL** ON SCALP INJURIES AND BLACK EYE	ANATOMY [L] Parotid region [AN28.9,28.10]	**LUNCH**	DISSECTION [DOAP] Dissection of Parotid gland [AN 28.9]**VI**	
THURSDAY 30th September (Day 196)	PHYSIOLOGY (SGT) PY 9.3 Speech Mechanism	ANATOMY [L] Deep Fascia of Neck [AN 35.1, 35.10]	DISSECTION [DOAP] Dissection of deep fascia of neck [Boundaries, Subdivisions, Submental & Muscular Triangle] [AN 32.1, 32.2]		PHYSIOLOGY (SGT) PY 9.3 Mechanism of long term memory		PHYSIOLOGY LAB Sk lab-PY.3.18 (GH)- Revision Human(hu) lab PY. (EF) - Examination of respiratory system He lab-PY.2.11 (AB)- RBC count BIOCHEM LAB(CD)- Observe use of commonly used equipments/techniques in biochemistry laboratory-1 [BI11.16]	
FRIDAY 1st October (Day 197)	BIOCHEMISTRY [SGT] Tumor markers - case discussion	BIOCHEMISTRY **AETCOM MODULE**- 1.3, 1.2 DOCTOR- PATIENT RELATIONSHIP: SDL DISCUSSION AND CLOSURE SESSION (LARGE GROUP)		ANATOMY [L] Microscopic structure of exocrine glands [AN70.1] **VI**	**COMMUN ITY MEDICINE (SGT) Sources of vital statistic Census, SRS, NFHS, NSSO CM 9.7**		HISTOLOGY LAB.[DOAP] Microscopic structure of exocrine glands [AN70.1]	
SATURDAY 2nd October	**MAHATMA GANDHI JAYANTI (HOLIDAY)**							

36th week

Days	8-9am	9-10 am.	10-11 am.	11-12 am.	12-1 pm.	1-2 pm.	2-4 pm.	4-5 pm.
MONDAY 4th October (Day 198)	PHYSIOLOGY(L) PY9.4 Pathways & centers involved in memory + learning applied Alzheimer's, senile dementia, amnesia	PHYSIOLOGY(L)HIVI PY9.3 Areas and types of speech, articulation & its physiological mechanism	Biochemistry [L] Diet and Nutrition: Importance of various dietary components and dietary fibre. Types and causes of PEM [BI8.1,8.2]	ANATOMY [L] Development of face, nose & Palate II [AN 43.5]	ANATOMY [L] Carotid Triangle-I (L) [AN32.2]		DISSECTION [DOAP] Dissect carotid triangle [AN 32.2]	
TUESDAY 5th October (Day 199)	BIOCHEMISTRY [SGT] Diet and Nutrition: Nutritional importance of commonly used items of food including fruits and vegetables.(macromolecules & its importance) [BI8.5]	ANATOMY [L] Carotid Triangle- II (L) [AN32.2]	DISSECTION [DOAP] Dissection of Carotid Triangle [AN 32.2]		PHYSIOLOGY (L)HIVI PY9.3 Development of speech in children, abnormal speech (defects in speech), physiological basis & management		PHYSIOLOGY LAB[DOAP] Sk lab-PY.3.18 (GH)- Genesis of tetanus Human(hu) lab PY.10.20 (EF) - Spirometry, Lung Function Test (volume, capacities) He lab-PY.2.11 (AB)- Revision BIOCHEMISTRY LAB(CD) - Observe use of commonly used equipments/techniques in biochemistry laboratory -2 [BI11.16]	
WEDNESDAY 6th October (Day 200)	**PHYSIOLOGY ECE on Sleep Disorders [PY 7.7] Classroom Setting**			ANATOMY [L] Posterior Triangle of Neck I [AN 29.1-29.4]**VI**	ANATOMY [SGT] Cervical Vertebrae I [AN 26.5]		DISSECTION [DOAP] Dissection of Posterior Triangle of Neck [AN 29.1, 29.4]	
THURSDAY 7th October (Day 201)	PHYSIOLOGY(SGT) PY9.4 Reward and punishment in learning	ANATOMY [SGT] Subclavian Artery, Internal Jugular & Brachiocephalic Veins[AN 35,3, 35.4, 35.9]	DISSECTION [DOAP] Dissection of Subclavian Artery, Internal Jugular & Brachiocephalic Veins[AN 35.3, 35.4, 35.9]		PHYSIOLOGY(L)PY9.4 Physiology of emotion & emotional behavior in human	**LUNCH**	PHYSIOLOGY LAB. [DOAP] Sk lab-PY.3.18 (GH)- Effect of load on muscle contraction Human(hu) lab PY.10.20 (EF) - Examination of cardiovascular sytem He lab-PY.2.11 (AB)- Hb estimation, Hb electrophoresis & it clinical significance BIOCHEM LAB(CD) - Glucose Tolerance Test (briefing)	
FRIDAY 8th October (Day 202)	BIOCHEMISTRY [**SGT**] Revision Nutrition	Biochemistry [SGT] Diet and Nutrition:dietary advice for optimal health in childhood and adult, in disease conditions like diabetes mellitus, coronary artery disease and in pregnancy [BI8.3]	BIOCHEMISTRY [SGT] Membrane structure and function	ANATOMY [L] **AITo Thyroid gland disorders** Histology of endocrine gland I [AN 43.2, 43.3]	**COMMUNITY MEDICINE (SGT)** Types of Data, Methods of data collection CM 6.2		HISTOLOGY LAB [DOAP] **AITo Thyroid gland disorders** Histology of endocrine gland I	
SATURDAY 9th October (Day 203)	ANATOMY [SGT] Cervical Vertebrae II [AN 26.5, 26.7]	BIOCHEMISTRY [SGT] Membrane structure and function	PHYSIOLOGY(L)PY9.4 Association cortex (neocortex) & its functions.	He lab-PY.2.11 (AB)- Interpretation of automated cell monitor report PHYSIOLOGY LAB. [DOAP] Sk lab-PY.3.18 (GH)- Revision Human(hu) lab PY. (EF)- Cardiac Autonomic function test BIOCHEM LAB (CD) - Estimation of Plasma Glucose and Urea (Revision)			Sports/ Extracurricular activity	

37th week

Days	8-9am	9-10 am.	10-11 am.	11-12 am.	12-1 pm.	1-2 pm.	2-4 pm.	4-5 pm
MONDAY 11th October (Day 204)	PHYSIOLOGY(SDL)	PY (L)10.17(VI-OP) Introduction: Endocrine Physiology & Types of Hormones	BIOCHEMISTRY [L] Mechanism of action of hormones - 1	ANATOMY [L] **AITo Thyroid gland disorders** Thyroid Gland [AN 35.2, 35.8] VI	ANATOMY [SGT] Trachea, Oesophagus and thoracic duct in neck		DISSECTION [DOAP] **AITo Thyroid gland disorders** Dissection of thyroid gland [AN35.2]	
TUESDAY 12th October (Day 205)	BIOCHEMISTRY [L] Mechanism of action of hormones - 2	ANATOMY [L] Cervical plexus and Sympathetic Chain [AN 35.6]	DISSECTION [DOAP] Dissection of Cervical plexus,Cervical Sympathetic Chain, trachea, oesophagus and thoracic duct [AN 35.6]		PHYSIOLOGY(SGT)-PY10.17 Role of hormones		PHYSIOLOGY LAB. [DOAP] Hu lab PY5.10.20 (EF)- Basic Life Support Sk lab PY.3.18 (GH)- Velocity of nerve impulse conduction He lab-PY.2.11 (AB)- Interpretation of cell shorter technique introductive BIOCHEM LAB(CD) - Perform urine analysis to estimate abnormal constituents and interpret the findings(Revision)	
WEDNESDAY 13th October (Day 206)	PHYSIOLOGY **AITO Thyroid gland** disordersPY 10.17(L)(VI-OP) Mechanism of hormone action-I	PHYSIOLOGY (L) PY **AITO Thyroid gland disorders** 10.17,10.18(VI-OP) Mechanism of Hormonal action-II	PHYSIOLOGY(SGT)-**AITO Thyroid gland disorders** PY10.18Mechanism of hormone action -I	ANATOMY [L] Submandibular Region-I[AN 32.2, 34.1, 34.2]VI		**LUNCH**	DISSECTION [DOAP] Dissection of Submandibular Region [AN 32.2, 34.1, 34.2]	
THURSDAY 14th October (Day 207)	PHYSIOLOGY (L) **AITO Thyroid gland disorders** PY 8.2 HypothalamoHypophyseal System	ANATOMY [L] Submandibular Region-III [AN 32.2, 34.1, 34.2]	DISSECTION [DOAP] Dissection of Submandibular Region [AN 32.2, 34.1, 34.2]		PHYSIOLOGY(SGT)PY-10.18 **AITO Thyroid gland disorders** Mechanism of Hormonal action - II		PHYSIOLOGY LAB. [DOAP] Hu lab PY5.10.20 (EF)- Revision Sk lab PY 3.18 (GH)- Revision He lab-PY.2.11 (AB)- Revision BIOCHEM LAB (CD) - Lab Leaving Test and Grand viva	
FRIDAY 15th October	**DUSSEHRA (HOLIDAY)**							
SATURDAY 16TH October (Day 208)	ANATOMY [SGT] Norma Lateralis [AN 26.2]	BIOCHEMISTRY [SGT] **AITO Thyroid gland disorders** Clinical & Applied Biochemistry: Tests that are commonly used to assess thyroid gland[BI6.13,6.14]	PHYSIOLOGY (SGT) Feedback Regulation of hormone-I	**PHYSIOLOGY: SYSTEM TEST - CVS, Respiratory and Nervous System**			PHYSIOLOGY AETCOM MODULE-I.2 What does it mean to be a patient	Sports/ Extracurricular activity

38th week

Days	8-9am	9-10 am.	10-11 am.	11-12 am.	12-1 pm.	1-2 pm.	2-4 pm.	4-5 pm.
MONDAY 18th October (Day 209)	PHYSIOLOGY (L)PY10.1 **AITO Thyroid gland disorders** Synthesis & mechanism of action of thyroid hormones	PHYSIOLOGY **AITO Thyroid gland disorders** (SGT-)PY10.2 Actions of Thyroid hormones	BIOCHEMISTRY [SGT] **AITO Thyroid gland disorders** Interpretation of report of Thyroid Function Test in case of Thyroid Disorders(case discussion) [BI6.15]	ANATOMY [L] Development of Pharyngeal Arches, Thyroid & Tongue I [AN 43.4]	ANATOMY [L] IX & X Cranial Nerves in Neck [AN 35.7]	**LUNCH**	DISSECTION [DOAP] IX & X Cranial Nerves in Neck (L) [AN 35.7]	
TUESDAY 19th October	**MILAD-UN-NABI (HOLIDAY)**							
WEDNESDAY 20TH October (Day 210)	PHYSIOLOGY (L) PY10.1 Adenohypophysis Functions and abnormalities –Cerebral Cortex, Basal Ganglia II	PHYSIOLOGY(SGT)- Neuro Hypophysis Cerebelum and its connection	PHYSIOLOGY (L-) PY10.2 Adenohypophysis II	ANATOMY [SGT] Mandible [AN26.4]	ANATOMY [L] Temporal & Infratemporal Region-I [AN 33.1, 33.2 33.4]		DISSECTION [DOAP] Demonstration of attachments, direction of fibres, nerve supply and actions of muscles of mastication [AN 33.1, 33.2]VI	
THURSDAY 21st October (Day 211)	PHYSIOLOGY **AITO Thyroid gland disorders** (L-) PY10.2 Regulation of Thyroid Secretion and Applied	ANATOMY [L] Temporal & Infratemporal Region-II (D) [AN 33.3, 33.5]	DISSECTION [DOAP] Dissection of Maxillary artery and Mandibular nerve [AN 33.1]		PHYSIOLOGY (L) PY 10.5 Adrenal Gland Cortisol: secretion, mechanism of action		PHYSIOLOGY LAB. [DOAP] Sk lab PY 3.18 - Lab Leaving Test Hu lab PY5.10.20 - Lab Leaving Test He lab-PY.2.11 - Lab Leaving Test BIOCHEM LAB (CD) - Lab Leaving Test and Grand viva	
FRIDAY 22nd October (Day 212)	**BIOCHEMISTRY ECE [Classroom setting] Diet and Nutrition [BI8.4]**			ANATOMY [L] **AITo Thyroid gland disorders** Histology of endocrine gland II [AN 43.2, 43.3]	**COMMUNITY MEDICINE (SDL)** Types of Data, Methods of data collection CM 6.2		HISTOLOGY LAB [DOAP] **AITo Thyroid gland disorders** Histology of endocrine gland II [DOAP]	
SATURDAY 23rd October (Day 213)	ANATOMY [L] Infratemporal Region-III [AN 33.3, 33.5]	BIOCHEMISTRY [SGT] Clinical & Applied Biochemistry: Tests that are commonly used to assess growth hormone deficiency state [BI6.13,6.14,6.15]	PHYSIOLOGY (SGT) PY 10.5 Adrenal gland secretion and applied	PHYSIOLOGY LAB. [DOAP] Sk lab PY3.18 (EF)- Introduction & study of apparatus & reagents Hu lab PY5.10.20 (CD) - Sensory system examination He lab-PY.2.11 (GH) - Revision of Preparation of Blood smear **BIOCHEM LAB(AB)** - Perform estimation of serum total cholesterol [BI11.9]			**PHYSIOLOGY SYSTEM TEST**	Sports/ Extracurricular activity

39th week

Days	8-9am	9-10 am.	10-11 am.	11-12 am.	12-1 pm.	1-2 pm.	2-4 pm.	4-5 pm
MONDAY **1st November** **(Day 214)**	PHYSIOLOGY (L) PY10.5 Aldosterone: mechanism of action & applied	PHYSIOLOGY (L) PY10.5 Calcium metabolism: Parathormone, Calcitonin	BIOCHEMISTRY [SGT] Clinical & Applied Biochemistry: Tests that are commonly used to assess adrenal gland [BI6.13,6.14,6.15]	ANATOMY [L] Development of Pharyngeal Arches, Thyroid & Tongue II [AN 43.4]	ANATOMY [L] Temporomandibular joint [AN 33.3]**VI**		DISSECTION [DOAP] Demonstration of articulating surface, type & movements of temporomandibular joint [AN 33.3]	
TUESDAY **2nd November** **(Day 215)**	BIOCHEMISTRY **[SDL]** Hormones	ANATOMY [SGT] Norma Basalis I [AN 26.2] [SGT]	ANATOMY [SGT] Norma Basalis II [AN 26.2] [SGT]	DISSECTION [DOAP] Norma Basalis I [AN 26.2]	Physiology(L) PY10,5 Pancreas: Secretion of insulin, mechanism of action	**LUNCH**	**P**HYSIOLOGY LAB [DOAP] Sk lab PY.3.18 (EF)- Cardiogram effect of temperature Hu lab PY5.10.20 (CD) - Sensory system examination (Contd....) He lab-PY.2.11 (GH) - Platelet Count – Direct **BIOCHEM LA(AB)**- Demonstrate the estimation of triglycerides and HDL- cholesterol [BI11.10]	
WEDNESDAY **3rd November** **(Day 216)**	Physiology(SGT) PY10,5 Thyroid gland disorders: Thyrotoxicosis	PHYSIOLOGY (SGT) PY10.3 Insulin: Action; Diabetes mellitus	PHYSIOLOGY (L)PY10.3 Function Tests: Adrenal, pancreas, Thyroid	ANATOMY [SGT] Cranial Fossa – I [AN 26.3, 30.2] VI	ANATOMY [SGT] Cranial Fossa – II [AN 26.3, 30.2]		DISSECTION [DOAP] Norma Basalis [AN 26.2] & Cranial Fossa [AN 26.3, 30.2]	
THURSDAY **4th November**	**DIWALI (HOLIDAY)**							
FRIDAY **5th November**	**DIWALI (HOLIDAY)**							
SATURDAY **6th November**	**DIWALI (HOLIDAY)**							

40th week

Days	8-9am	9-10 am.	10-11 am.	11-12 am.	12-1 pm.	1-2 pm.	2-4 pm.	4 - 5 pm.
MONDAY 8th November (Day 217)	PHYSIOLOGY(L) PY10.4 Thymus & Pineal gland	PHYSIOLOGY(SGT) PY10.4 Hormonal imbalance	BIOCHEMISTRY [L] Plasma proteins	ANATOMY [L] Development of Pharyngeal Arches, Thyroid & Tongue III [AN 43.4]	ANATOMY [L] Cranial Cavity-I [AN 30.1, 30.3-30.5]		DISSECTION [DOAP] Dissection of cranial Cavity I [AN 30.1-30.3, 30.5]	
TUESDAY 9th November (Day 218)	BIOCHEMISTRY [L] Plasma proteins	ANATOMY [L] Cranial Cavity-II(D) [AN 30.1, 30.3-30.5]	DISSECTION [DOAP] Dissection of cranial Cavity II and Demonstration of dural folds and sinuses [AN 30.1, 30.3-30.5]		PHYSIOLOGY (L) PY10.4 Obesity, metabolic syndrome		PHYSIOLOGY LAB. [DOAP] Sk lab PY.3.18 (EF)- Effect of stannius ligature on frog's heart Hu lab PY5.10.20 (CD) - Motor system examination He lab-PY.2.11 (GH) - Platelet Count – Indirect BIOCHEM LAB(AB) -Demonstrate estimation of serum proteins, albumin and calculate A:G ratio[BI11.8,11.22]	
WEDNESDAY 10th November (Day 219)	PHYSIOLOGY(SGT)-PY10.4 Adrenal gland secretion and applied	PHYSIOLOGY(L) PY7.1,7.3 Autonomic Nervous System	Physiology(SGT)PY10.4 Cortisol: secretion, mechanism of action; action; applied	ANATOMY [SGT] Bony Orbit[AN 31.1]	ANATOMY [L] Orbit-I [AN 31.1]		DISSECTION [DOAP] Dissection of Orbit I [AN 31.1, 30.2]	
THURSDAY 11th November (Day 220)	PHYSIOLOGY(L) PY7.3 Sympathetic and parasympathetic receptors and their physiology	ANATOMY [L] Orbit-II [AN 31.2. 31.3, 31.5]VI	DISSECTION [DOAP] Dissection of Orbit II [AN 31.1, 30.2]		PHYSIOLOGY(L)PY7.3 Autonomic regulation of Cardio respiratory system		PHYSIOLOGY LAB. [DOAP] Sk : PY 3.18 (EF)- Stair case phenomena, all & none law and Refractory period Hu lab PY5.10.20 CDB) - Motor system examination (Contd....) He lab-PY.2.11 (GH) - Revision BIOCHEM LAB(AB) -Demonstrate the estimation of serum bilirubin[BI11.12]	
FRIDAY 12th November (Day 221)	**BIOCHEMISTRY ECE [Classroom setting]** Organ Function Test [BI6.13,6.14,6.15]			ANATOMY [L] Structure 0f eyeball[AN 41.141.3] VI	**COMMUNITY MDICINE (SGT)** Presentation of statistical data CM 6.2		DISSECTION [DOAP] Demonstrate parts and layers of Eyeball [AN 41.1]	
SATURDAY 13th November (Day 222)	ANATOMY [L] Ear I[AN40.1, 40.5]	BIOCHEMISTRY [L] Free radical biology [BI7.6]	PHYSIOLOGY(SGT) PY7.3 Sympatholytic and parasympathomimetic drugs	PHYSIOLOGY LAB. [DOAP] Sk lab-PY.3.18 (EF)- Revision Hu lab PY5.10.20 (CD) - Cranial Nerve examination (1, 3, 4, 6) He lab-PY.2.11 (GH) - Retculocyte count BIOCHEM LAB(AB) - Demonstrate the estimation of SGOT/ SGPT BI11.13]			Sports/ Extracurricular activity	

41st week

Days	8-9am	9-10 am.	10-11 am.	11-12 am.	12-1 pm.	1-2 pm.	2-4 pm.	4 -5 pm.
MONDAY 15th November (Day 223)	PHYSIOLOGY (L) PY7.3 Autonomic regulation of GIT	PHYSIOLOGY(SGT) PY7.3 Parasympatholytic and sympathomimetic drugs	BIOCHEMISTRY [L] Free radical biology [BI7.6]	ANATOMY [L] Development of Eye and pituitary [AN43.4]	ANATOMY [L] Ear II [AN40.2, 40.4]VI		DISSECTION [DOAP] Identification of parts of External Ear - Demonstration of boundaries, contents, relations and functional anatomy of middle ear and auditory tube[AN 40.1, 40.2]	
TUESDAY 16th November (Day 224)	BIOCHEMISTRY [SGT] Antioxidant defence systems in the body [BI7.6]	**ANATOMY ECE [Classroom setting]** CAVERNOUS SINUS THROMBOSIS AND THYROID SWELLING [AN 30.4, 35.8]			PHYSIOLOGY (L) PY7.3 Mechanism of Temp regulation		PHYSIOLOGY LAB. Sk lab-PY.3.18 (EF)- Extra systole & Compensatory pause Hu lab PY5.10.20 (CD) - Cranial Nerve – 2 (field version) He lab-PY.2.11 (GH) - Revision BIOCHEMISTRY LAB(AB) - Demonstrate the estimation of alkaline phosphatase[BI11.14]	
WEDNESDAY 17th November (Day 225)	PHYSIOLOGY (L)PY9.8 Introduction to special senses Physiology of Smell	PHYSIOLOGY (SGT)PY9.8 Anomalies of Smell	PHYSIOLOGY(L)PY9.8 Physiology of Taste	ANATOMY [L] Internal Ear [AN 40.3]HI, VI	ANATOMY [L] Nose [AN 37.1] VI	LUNCH	DISSECTION [DOAP] Demonstration of features of Nasal Septum and Lateral wall of Nose [AN 37.1]	
THURSDAY 18th November (Day 226)	PHYSIOLOGY(L) VI PY11.10,11.19, External & middle ear functions, Functional anatomy of cochlea /organ of corti	ANATOMY [SGT] Paranasal Sinuses [AN 37.2, 37.3]VI	DISSECTION [DOAP] Demonstration of paranasal sinuses [AN 37.2, 37.3]		PHYSIOLOGY (L)VI PY 11.10, 11.19 External &middle ear functions, Functional anatomy of cochlea /organ of corti		PHYSIOLOGY LAB. [DOAP] Sk Lab -PY.3.18 (EF)- Heart block Human(hu) lab PY.10.11(CD) - Cranial Nerve 5 & 7 He lab. -PY.2.11 (GH) - Bleeding time and coagulation time BIOCHE. LAB(AB) -Demonstrate the estimation of serum uric acid	
FRIDAY 19th November	**GURUNANAK JAYANTI (HOLIDAY)**							
SATURDAY 20th November (Day 227)	ANATOMY [L] Oral cavity and Tongue [AN 39.1, 39.2]	BIOCHEMISTRY [L] Biomedical importance of water, Water metabolism[BI6.7]	**PHYSIOLOGY (SDL)** Seminars	PHYSIOLOGY LAB. [DOAP] Sk lab-PY.3.18 (EF)- Revision Human(hu) lab PY.10.11 (CD) - Revision He lab-PY.2.11 (GH) - Blood grouping BIOCHE. LAB(AB) - Observe use of commonly used equipments/techniques in biochemistry laboratory - 1 [BI11.16]			**Sports and extracurricular activity**	

42nd week

Days	8-9am	9-10 am.	10-11 am.	11-12 am.	12-1 pm.	1-2 pm.	2-4 pm.	
MONDAY 22nd November (Day 228)	PHYSIOLOGY(L)PY9.10.9.9 Transmission of sound waves, mech of hearing pitch, sound localization	PHYSIOLOGY(L) PY 9.6 Auditory pathway, auditory centre,	BIOCHEMISTRY [L] Disorders of water metabolism [BI6.8]	ANATOMY [L] Teratogenicity and prenatal diagnosis [AN 81.1-81.3]	ANATOMY [L] Soft Palate [AN 36.1]VI		DISSECTION [DOAP] Demonstration of Tongue and soft palate [AN 36.1, 39.1, 39.2]	**ANATOMY SDL** on EPISTAXIS
TUESDAY 23rdNovember (Day 229)	BIOCHEMISTRY [SGT] Electrolytes and its disorders [BI6.8]	ANATOMY **SDL** **Ear**	ANATOMY [SGT] [AN 37.3] SINUSITIS , EPISTAXIS		PHYSIOLOGY(SGT)PY9.1 Difference between sensorineural and conductive deafness		PHYSIOLOGY LAB. [DOAP] Sk lab-PY.3.18 (EF) - ECG Human(hu) lab PY. (CD) - Cranial Nerve 8 (Test of Hearing) He lab-PY.2.11 (GH) - Revision BIOCHE. LAB(AB) - Observe use of commonly used equipments/techniques in biochemistry laboratory-2 [BI11.16]	
WEDNESDAY 24th November (Day 230)	PHYSIOLOGY(L) PY9.11 Deafness, audiogram, AEP	PHYSIOLOGY(SGT) PY9.11 Organ of Corti	PHYSIOLOGY(L) VI PY9.12 Vision – Eye ball, structure of retina, receptors, Aq. humor protective mechanism	ANATOMY [L] Pharynx [AN 36.2, 36.3, 36.5] VI	ANATOMY [L] Palatine Tonsil [AN 36.1, 36.4]VI		DISSECTION [DOAP] Demonstration of parts of pharynx and palatine tonsil [AN 36.1-36.5]	
THURSDAY 25th November (Day 231)	PHYSIOLOGY(SGT)PY9.1 Refractive errors	ANATOMY [L] Larynx -I [AN 38.1]	DISSECTION [DOAP] Identification of structure of wall of Larynx [AN 38.1]VI		PHYSIOLOGY(L) PY 9.6 Optics of eye Visual acuity	**LUNCH**	PHYSIOLOGY LAB. [DOAP] Sk lab-PY.3.18 (EF) - Vagal inhibition Human(hu) lab PY.10.20 (CD) - Cranial Nerve (9, 10, 11, 12) He lab-PY.2.11 (GH) - Osmotic fragility BIOCHE. LAB(AB) - Glucose Tolerance Test (briefing)	
FRIDAY 26th November (Day 232)	**BIOCHEMISTRY ECE [Classroom setting]** **Organ Function Test [BI6.13,6.14,6.15]**			ANATOMY (L) Histology of eyelid, lips, sclerocorneal junction, organ of corti [AN 43.3]	**COMMUNITY MEDICINE (L)** Health hazards of air, water, noise, radiation and Pollution CM 3.1		**HISTOLOGY LAB [DOAP]** Histology of eyelid, lips, sclerocorneal junction[AN 43.3]	
SATURDAY 27th November (Day 233)	ANATOMY [L] Joints of head and neck I [AN 43.1]	BIOCHEMISTRY [SGT] 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 [BI11.23]	PHYSIOLOGY(SDL) 2nd Round Seminar presentation	PHYSIOLOGY LAB. [DOAP] Sk lab-PY.3.18 (EF)- Revision Human(hu) lab PY.10.11 (CH) - Revision He lab-PY.2.11 (GH) - Revision BIOCHE. LAB(AB) - Estimation of Plasma Glucose and Urea (Revision)			Sports/ Extracurricular activity	

43rd week

Days	8-9am	9-10 am.	10-11 am.	11-12 am.	12-1 pm.	1-2 pm.	2-4 pm.	4-5 pm.
MONDAY 29th November (Day 234)	PHYSIOLOGY(L) VI PY9.12 Photo receptor Mechanism visual cycle and Light & Dark adaptation	PHYSIOLOGY(SGT) PY 9.6 Colour Vision	BIOCHEMISTRY [SGT] Enumerate advantages and/or disadvantages of use of unsaturated, saturated and trans fats in food [BI11.24]	ANATOMY [L] Larynx -II [AN 38.1, 38.2, 38.3]			DISSECTION [DOAP] Identification of structure of wall of Larynx [AN 38.1]**VI**	
TUESDAY 30th November (Day 235)	BIOCHEMISTRY[SGT] Revision Free radical biology	ANATOMY [L] Joints of head and neck II [AN 43.1]	ANATOMY [SGT] Surface marking of Head and Neck I [AN 43.5, 43.6] **VI**	ANATOMY [SGT] Surface marking of Head and Neck II [AN 43.5, 43.6] **VI**	PHYSIOLOGY SDL Final round seminar presentation	**LUNCH**	PHYSIOLOGY LAB. [DOAP] Sk lab-PY.3.18 (EF) - Effect of unknown drug Human(hu) lab PY.10.20 (CD) - Moss's Ergograph General Examination, He lab-PY.2.11 (GH) - Red cell indices BIOCHE. LAB(AB) - Perform urine analysis to estimate abnormal constituents and interpret the findings(Revision)	
WEDNESDAY 1st December (Day 236)	PHYSIOLOGY (SGT) Cataract and Glaucoma	PHYSIOLOGY (SGT) Field of Vision, perimetry	PHYSIOLOGY(SDL) PY11.12	ANATOMY [SGT] Surface marking of Head and Neck [AN 43.5, 43.6] **VI**	ANATOMY [SGT] Radiology of head and neck [AN 43.7, 43.8, 43.9] **VI**		ANATOMY [SGT] Radiology of head and neck [AN 43.7, 43.8, 43.9] **VI**	Sports/ Extracurricular activity
THURSDAY 2nd December (Day 237)	PHYSIOLOGY(L) VI PY11.4, 11.5 ,11.8 Visual pathway, visual cortex and functions Pupillary reflexes, accommodation response	DISSECTION [DOAP] **Revision of soft parts**			PHYSIOLOGY(L) VI PY11.4, 11.5,11.8 Vestibular apparatus & balance		PHYSIOLOGY LAB. [DOAP] Sk lab-PY.3.18 (EF) - Revision Human(hu) lab PY. (CD) - Revision He lab-PY.2.11 (GH) - ESR BIOCHE. LAB (AB) - Lab Leaving Test and Grand viva	Sports/ Extracurricular activity
FRIDAY 3rd December (Day 238)	BIOCHEMISTRY [SGT] Outline the basic principles involved in the functioning of instruments commonly used in biochemistry lab -5 [BI11.19]	**BIOCHEMISTRY Class Test**		ANATOMY [L] Histology of Tongue and oesophagus [AN 43.2, 52.1]	**COMMUNITY MEDICINE (SGT)** Presentation of statistical data: simple and frequency distribution tables CM 6.2		HISTOLOGY LAB [DOAP] Histology of Tongue and oesophagus [AN 43.2, 52.1]	Sports/ Extracurricular activity
SATURDAY 4th December (Day 239)	DISSECTION [DOAP] Revision of soft parts	BIOCHEMISTRY [SGT] Molecular biology & Immunological techniques [BI7.4]	PHYSIOLOGY PY11.6,11.7 **SDL** Discussion on Physiology of infancy & aging	PHYSIOLOGY LAB. [DOAP] He lab-PY.2.11 Lab Leaving Test Human(hu) lab PY.3.15 Lab Leaving Test Sk lab-PY.3.18 - Lab Leaving Test BIOCHE. LAB (AB) - Lab Leaving Test and Grand viva			ANATOMY AETCOM Module 1.5 Cadaver as a first teacher [Closure session]	Sports/ Extracurricular activity

44th week

Days	8-9am	9-10 am.	10-11 am.	11-12 am.	12-1 pm.	1-2 pm.	2-4 pm.	4-5 pm.
MONDAY 6th December (Day 240)	PHYSIOLOGY(SGT) PY11.12 Posture, Equilibrium & vestibular apparatus	PHYSIOLOGY(SGT) PY11.12 Lesions of visual pathway	BIOCHEMISTRY [SGT] Molecular biology & Immunological techniques [BI7.4]	**Assessment – Head and Neck**			**Assessment – Head and Neck**	Sports/ Extracurricular activity
TUESDAY 7th December (Day 241)	BIOCHEMISTRY [SGT] Clinical & Applied Biochemistry: Quality Control in Clinical Biochemistry Lab [BI11.6]	**Assessment – Head and Neck**			PHYSIOLOGY (SGT) PY1.9,9.1,1.4(VI) (Revision) Nernst potential Electrotonic potential		PHYSIOLOGY LAB. [DOAP] He lab-PY.2.11 - Revision Human(hu) lab PY.3.15 - Revision Sk lab-PY.3.18 - Revision BIOCHE. LAB	Sports/ Extracurricular activity
WEDNESDAY 8th December (Day 242)	PHYSIOLOGY (SGT) PY 1.6 (HI-BI) (Revision) Feedback Mechanisms	PHYSIOLOGY(SGT) PY11.11 (Revision) Liver Function Test	PHYSIOLOGY (SGT)PY3.7 (Revision) Anemia and its classification	HISTOLOGY LAB [DOAP] **HISTOLOGY REVISION-**			HISTOLOGY LAB [DOAP] **HISTOLOGY REVISION-**	Sports/ Extracurricular activity
THURSDAY 9th December (Day 243)	PHYSIOLOGY (SGT) (REVISION) PY 11.8 Applied of GIT	DISSECTION [DOAP] **EMBRYOLOGY REVISION**		DISSECTION [DOAP] **EMBRYOLOGY REVISION**	PHYSIOLOGY (SGT) PY11.3 Exercise Physiology, Fever, cold injuries and heat stroke	**LUNCH**	PHYSIOLOGY LAB. [DOAP] He lab-PY.2.11 - Revision Human(hu) lab PY.3.15 - Revision Sk lab-PY.3.18 - Revision BIOCHE. LAB	Sports/ Extracurricular activity
FRIDAY 10th December (Day 244)	BIOCHEMISTRY [SGT] Nephrotic Syndrome: basis and rationale of biochemical tests done (case discussion) [BI11.17]	BIOCHEMISTRY [SGT] OEDEMA - Case discussion [BI11.17]	BIOCHEMISTRY [SGT] Proteinuria: basis and rationale of biochemical tests done (case discussion) [BI11.17]	DISSECTION [DOAP] **REVISION OF ABDOMEN AND PELVIS**	**COMMUNITY MEDICINE (SGT)** Presentation of statistical data: Charts, diagrams and maps CM 6.2		DISSECTION [DOAP] **REVISION OF ABDOMEN AND PELVIS**	Sports/ Extracurricular activity
SATURDAY 11th December (Day 245)	DISSECTION [DOAP] **REVISION OF ABDOMEN AND PELVIS**	BIOCHEMISTRY [SGT] Dyslipidemia - case discussion [BI11.17]	**P**HYSIOLOGY (SGT) PY 3.5, 3.6, 3.13(VI-AS, PH, PA) (Revision) Jaundice	**PHYSIOLOGY SDL BIOCHEMISTRY SDL REVISION**			**COMMUNITY MEDICINE ASSESSMENT-2**	Sports/ Extracurricular activity

45th week

Days	8-9am	9-10 am.	10-11 am.	11-12 am.	12-1 pm.	1-2 pm.	2-4 pm.	4-5 pm.
MONDAY 13th December (Day 246)	PHYSIOLOGY (SGT) PY8.4 GFR (Revision)	**PHYSIOLOGY SDL SEMINAR**	Biochemistry [SGT] Screening of urine for inborn errors & describe the use of paper chromatography [BI11.5]	DISSECTION [DOAP] REVISION OF UPPER LIMB			DISSECTION [DOAP] REVISION OF LOWER LIMB	Sports/ Extracurricular activity
TUESDAY 14th December (Day 247)	BIOCHEMISTRY[SGT] Revision Carbohydrate, Protein and Lipid chemistry	DISSECTION [DOAP] **REVISION OF HEAD & NECK**			PHYSIOLOGY (L) PY8.4 Hypoxia (Revision)		PHYSIOLOGY LAB. [DOAP] He lab-PY.2.11 - Revision Human(hu) lab PY.3.15 - Revision Sk lab-PY.3.18 - Revision BIOCHE. LAB	Sports/ Extracurricular activity
WEDNESDAY 15th December (Day 248)	**PHYSIOLOGY (SGT) Revision PY 11.7**	**PHYSIOLOGY (SDL)**	**PHYSIOLOGY (SDL)**	DISSECTION [DOAP] REVISION OF HEAD & NECK		**LUNCH**	DISSECTION [DOAP] **REVISION THORAX**	Sports/ Extracurricular activity
THURSDAY 16th December (Day 249)	**PHYSIOLOGY (SGT) Revision 11.6 VI**	**ANATOMY LAB HISTOLOGY SPOTTING**			**PHYSIOLOGY (SGT) PY8.4 Revision**		PHYSIOLOGY LAB. [DOAP] He lab-PY.2.11 - Revision Human(hu) lab PY.3.15 - Revision Sk lab-PY.3.18 - Revision BIOCHE. LAB	Sports/ Extracurricular activity
FRIDAY 17th December (Day 250)	BIOCHEMISTRY[SGT] REVISION Carbohydrate metabolism	BIOCHEMISTRY[SGT] REVISION Lipid metabolism	BIOCHEMISTRY[SGT] REVISION Protein metabolism	DISSECTION [DOAP] REVISION OF SPINAL CORD & BRAIN	**COMMUNITY MEDICINE (SGT)** Health hazards of air, water, noise, radiation and Pollution CM 3.1		**ANATOMY LAB EMBRYOLOGY SPOTTING**	Sports/ Extracurricular activity
SATURDAY 18th December (Day 251)	DISSECTION [DOAP] ANATOMY REVISION OF SPINAL CORD & BRAIN	BIOCHEMISTRY[SGT] REVISION Molecular biology	**PHYSIOLOGY (SGT) Revision**				Sports/ Extracurricular activity	

46th week

Days	8-9am	9-10 am.	10-11 am.	11-12 am.	12-1 pm.	1-2 pm.	2-4 pm.	4-5 pm
MONDAY 20th December (Day 252)	**PHYSIOLOGY (SGT) Revision**	**PHYSIOLOGY (SGT) Revision**	BIOCHEMISTRY[SGT] REVISION Clinical and Applied Biochemistry	ANATOMY SDL	ANATOMY SDL		ANATOMY Seminar	
TUESDAY 21st December (Day 253)	**3rd TERMINAL**							
WEDNESDAY 22nd December (Day 254)	**3rd TERMINAL**					**LUNCH**		
THURSDAY 23rd December (Day 255)	**3rd TERMINAL**							
FRIDAY 24thDecvember (Day 256)	**3rd TERMINAL**						Sports/ Extracurricular activity	
SATURDAY 25th December	**CHRISTMAS (HOLIDAY)**							

26th December to 31st December Preparation leave for Professional examination

Roster for rotation of students for ECE Hospital setting

	A batch (63)	B batch (62)	C batch(63)	D batch (62)
Anatomy (Day: Thursday; Time: 9am to 12noon)				
ECE I	General surgery and allied	Orthopedics	General Medicine/Neurology	District Hospital
ECE II	District Hospital	General Medicine/Neurology	Orthopedics	General surgery and allied
ECE III	General Medicine/Neurology	District Hospital	General surgery and allied	Orthopedics
ECE IV	Orthopedics	General surgery and allied	District Hospital	General Medicine/Neurology
Physiology (Day:Wednesday; Time: 8am to 11 am)				
ECE I	General surgery and allied	Respiratory medicine	General Medicine	District Hospital
ECE II	District Hospital	General Medicine	Respiratory medicine	General surgery and allied
ECE III	General Medicine	District Hospital	General surgery and allied	Respiratory medicine
ECE IV	Respiratory medicine	General surgery and allied	District Hospital	General Medicine
Biochemistry (Day: Friday; Time: 8am to 11 am)				
ECE I	General Medicine	Pediatrics	Nephrology	Hospital Laboratory
ECE II	Pediatrics	Nephrology	Hospital Laboratory	Nephrology
ECE III	Nephrology	Hospital Laboratory	Pediatrics	Pediatrics
ECE IV	Hospital Laboratory	General Medicine	General Medicine	General Medicine

List of topics and competencies to be covered in ECE Hospital setting

Anatomy		
General surgery and allied	Examination of axillary lymph nodes in a case of CA breast	AN 9.2, 10.7
	Examining the patient with portal hypertension	AN 47.11
	Examination of Parotid swelling	AN 28.9,43.6
	History taking and examination of case of benign prostatic hypertrophy	AN 48.5
	Examination of a case of varicose veins of lower limb	AN 20.5
Orthopedics	Examining a case of limb deformity in # of proximal femur	AN 17.2
	Examination of patients having wrist drop/ foot drop/ claw hand	AN 12.13, 18,3,12.8
	Examination of patient with club foot	AN 19.6
	Examination of a case of shoulder dislocation	AN 10.12
	Examination of a case of injury of anterior or posterior cruciate ligaments of knee joint	AN 18.6
General Medicine/Neurology	Examining a case Hydrocephalous	AN 56.2
	Examination of patients having facial nerve paralysis/ cranial nerve lesion	AN 28.7
	Examination of patient with hepatomegaly/splenomegaly	AN 47.5
	Examination of a case of CVA	AN 62.6

	Examination of a case cerebellar syndrome	AN 60.3
District Hospital	Examination of a case of Inguinal hernia	AN 44.5
	Examination of thyroid swelling	AN 35.2,35.8,43.5.43.6
	Examination of case of tonsillitis, adenoids	AN 36.4
	Understanding the role of physician in a district hospital setup	
Physiology		
General Surgery and Allied Subjects	Examination of Diabetics foot	PY 8.2
	Maceration abnormalities/BPH Sign Symptoms	PY7.6
	Visit to adolescent clinic	PY9.2
General Medicine	Sign & Symptoms of acid peptic disorder	PY4.9
	Sign & Symptoms of Anemia Jaundice	PY 2.5
	Sign & Symptoms of Thyroid disorders	PY8.2
	Sign &Symptoms of diabetic Patient	PY8.2
Respiratory Medicine	Sign & symptoms of Bronchitis's	PY6.6
	Sign & symptoms of Bronchial Asthma	PY6.7
	Demonstration of Spirometry in respiratory disorders	PY6.8
District Hospital	Observing the screening of Anemic patients and management/ Supplementation	PY2.5
	Understand the National Menstrual Hygiene Scheme &family planning	PY9.6

	Understand the National Iodine deficiency disorder control programmed	PY9.8
Biochemistry		
General Medicine	Discuss and interpret laboratory result of analytes associated with metabolism of carbohydrate (Diabetes mellitus)	BI3.8
	Interpret the results of blood glucose levels and other laboratory investigations related to disorders of carbohydrate metabolism (Diabetes mellitus)	BI3.10
	Interpret laboratory results of analytes associated with metabolism of lipids (Diabetes mellitus)	BI4.7
Pediatrics	Function of Liver	BI 6.18
	Tests to assess the function of the liver (Neonatal Jaundice)	BI 6.14
	Basis and rationale of biochemical tests done in jaundice (Neonatal Jaundice)	BI 11.17
Nephrology	Normal pH, water and electrolyte balance of body fluids and the derangement associated with them	BI6.7
	Discuss and interpret results of ABG (Arterial Blood Gas) analysis	BI6.8
Hospital Laboratory	Observe the work flow in a hospital laboratory	
	Clinical utility of various serum enzymes as marker of pathological conditions	BI2.5
	Use of enzymes in laboratory investigations	BI2.6
	Interpret report of various biochemical tumor markers used in clinical practices	BI10.2
	Interpret the laboratory report commonly done to assess the function of liver, thyroid, and adrenal glands	BI6.15

List of abbreviations used

L	Lecture
D	Demonstration
SGT	Small group teaching
SDL	Self directed learning
DOAP	Demonstrate Observe Assist Perform session
ECE	Early clinical exposure
BPH	Benign prostatic hypertrophy
LFT	Liver function test
Hu	Human (Lab)
He	Hematology (lab)
Sk	Skill (lab)
BIOCHE	Biochemistry (Lab)
LLT	Lab Leaving Test