Employees' State Insurance Corporation Medical College, Sedam road, Kalaburagi

FOUNDATION COURSE COMMITTEE
Chairman: Dr. A. L. Nagaraja, Dean
Convener: Dr. Chandrakala B. S. Prof & Head,
Members: Dr. Nagarkar Rajhans Kishanrao, MEU Coordinator
Dr. Nilesh Netaji Kate, Professor, Department of Physiology
Dr. Mohammad Waseem Faraz Ansari, Assistant Professor, Department of Community Medicine

Contents	Recommended	Planned
Orientation	30	30
Skill Modules	35	40
Professional Development including Ethics	40	40
Field Visits	08	09
English Language/Local Language/ Computer Skills	40	43
Sports	22	22
Extracurricular Activities		

Date	Day	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4
01-08-19	Thursday	Report and Register *Tutors of Anatomy/Physiology/Biochemistry*	Welcome Address by Dean Brief Introduction of ESIC by MS Overview of MBBS course by Academic Registrar Address by wardens				LUNCH BREAK	Breaking the Ice (*Dr. Satish/Dr. Rajhans)* Parents & Students interaction with 1st Year Faculty and Wardens *All Teaching Faculty of ANAT/BIO/PHYS/SPM*	
02-08-19	Friday	History of Medicine Interactive *Dr. Waseem*	Orientation to Anatomy Interactive PPT *Dr. H. S. Kadlimatti*	Orientation to Physiology Interactive PPT *Dr. B. S. Chandrakala*	Orientation to Biochemistry Interactive PPT *Dr. Prashant Paunipagar*	Orientation to Community Medicine Interactive PPT *Dr. I. A. Swati*	LUNCH BREAK	White Coat Ceremony, Hippocratic oath, cadaveric oath *All Teaching faculty*	Interaction with Sports & cultural Committee *Dr. Nilesh Kate*
03-08-19	Saturday	Introduction to Graduate Medical Education Rules Interactive *Dr. Hooli Tanuja*	Introduction to AETCOM Interactive activity *Dr. Rajhans*	Orientation to ESIC Medical College Gulbarga & Ragging – A cognizable offence *Dr. Praveen D*	Orientation to ESIC Hospital Gulbarga (Medicine allied & Surgery allied, CCL, Casualty) *Dr. Dinanath Pujari*	Orientation to Canteen & Hostels *Wardens Boys & Girls Hostel*	LUNCH BREAK	YOGA & MEDITATION For stress Management	
04-08-19	Sunday	SUNDAY							
05-08-19	Monday	Alternate Health Systems Interactive *Dr. Poonam*	Medical Ethics, Consumer Protection Act & Medical Negligence, Medical Indemnity insurance Case scenario ***Dr. Rajesh Sangram***	Introduction to First Aid Videos *Dr. Arunkumar Bhavikatti*	Emergency Calls (Demonstration of First Aid Techniques) Role play/Case scenario/Activity *Dr. Arun Bhavikatti*	Roles and Goals of Institutional Ethics Committee (Interactive with examples) *Dr. Somashekara*	LUNCH BREAK	Ethics in ANATOMY / body donation laws and procedures, respect and preservation of cadaver PPT Dr. Chandrika	LEISURE / EXTRACURRICULAR Talent Show *Dr. Nilesh Kate*

06-08-19	**Tuesday**	**Attitude & Professionalism, Unethical behavior & Unprofessionalism Role play/Case scenario** ***Dr. Nagesh Kuppast***	**Health Care delivery System Videos** ***Dr. Vinod Kamble***	**Introduction: nuances of professionalism and its attributes (1) PPT** ***Dr. Chandrakala***	**Needle stick & Scalpel Injuries Self-experiences & Videos** ***Dr. Zaheer Ather***	**Handling of Biomedical Waste Videos/Photos** ***Dr. Prashant Kumar***	**LUNCH BREAK**	**Introduction: Optometry and medical retina, consent patient education and counseling PPT / case scenarios Dr. Jyoti**	**Value of integrity, honesty and respect during interaction with peers, seniors, faculty, Other HCW and Patients PPT/self-experiences Dr. Anil Doddamani**
07-08-19	**Wednesday**	**Concept of Professionalism & Ethics Role play/Case scenario** ***Dr. Sarala Devi***	**Code of ethics – Hippocratic oath – Dr. Nandini**	**National Health Priorities & Policies Interactive PPT** ***Dr. Santosh Biradar***	**Professionalism and ethics in documenting and reporting rape PPT/ case scenarios / role plays Dr. Harsha Konnur**	**Nuances of medicolegal reporting PPT/ case scenarios Dr. Rajesh Sangram**	**LUNCH BREAK**	**SPORTS**	
08-08-19	**Thursday**	**Immunization Requirement of Health Care Professionals Interactive Lecture Dr. Hammad**	**Universal precautions Activity** ***Dr. Prashant Parandekar***	**Importance of Reporting, Documentation, Referral, Feedback Interactive Lecture** ***Dr. Prashant Kumar***	**Basic anaesthetic procedures and treatment of its complications / reporting to patients Self-experiences and interactive Dr. Sandeep Pandharpurkar**	***ENT: discipline, behaviour, mannerism in OPD and Operation theatre - Self experiences*** ***Dr. Dinesh Valse***	**LUNCH BREAK**	**Ethics in prescription writing, importance of reporting of Adverse drug reactions (ADR) PPT/Self experiences Dr. Somashekara**	**Functioning as a part of health team PPT and self experiences Dr. Lobo**
09-08-19	**Friday**	**VARAMAHALAKSHMI HOLIDAY**							

10-08-19	**Saturday**	**Documents pertaining MBBS Course** **Lecture PPT** ***Dr. Rajesh Tile***	**Career pathway during and after MBBS** **PPT** **Dr. Suraj**	**Vaccination Video** ***Dr. Sharan S.D.***	**Professionalism and ethics in Blood bank and blood donation documents & details** **PPT** **Dr. Hakeem**	**Challenges of running a public / private hospital** **PPT** **Dr. Srikant**	**LUNCH BREAK**	**YOGA & MEDITATION** **For stress Management**
11-08-19	**Sunday**	**SUNDAY**						
12-08-19	**Monday**	**BAKRID HOLIDAY**						
13-08-19	**Tuesday**	**Laboratories reporting, Dos and don'ts professionalism & ethics of reporting, and –** **pathology Dr Anil Sirasagi**	***Nuances of pediatric care OPD, Ward and NICU (Mother education) Documentation Self-experiences, case scenarios*** ***Dr. Shashidhar***	**First aid in orthopedics, splint application for fractures patient & family counseling, ethics, attitude and communication** **Self experiences** **Dr. Meganath**	**Patient Safety & Biohazard Safety Activity** ***Dr. Rajhans Nagarkar***	**Social stigma and cultural factors influencing diseases** **PPT** **Dr. Hammad**	**LUNCH BREAK**	**Language** ***Importance of English/Kannada/Hindi***
14-08-19	**Wednesday**	**Laboratories reporting, Dos and don'ts professionalism & ethics of reporting, and – Biochemistry** ***Dr. Satish***	**ICMR-STS, Scientific writing & plagiarism** **Dr. Suraj**	**Principles of Family Practice** **Self-Experience & Videos** ***Dr. Waheed***		**Doctor as a Team Leader** ***Dr. Chandrika***	**LUNCH BREAK**	**SPORTS**
15-08-19	**Thursday**	**INDEPENDENCE DAY**						

16-08-19	**Friday**	**Laboratories reporting, Dos and don'ts professionalism & ethics of reporting, microbiology - Dr Praveen Kumar D**	**Interpersonal relationship Dr. Rameshwari**	**E Learning Group Activity *Dr. Saraladevi***	**SDL Dr. Chandrakala**	***A Movie …. An Interesting Movie Dr. Saraladevi***	**LUNCH BREAK**	**Computer *Importance of Computers in Medical Sciences***
17-08-19	**Saturday**	**Introduction and principles of bioethics PPT & group activity *Dr. Saraladevi***		**Stress management Dr. Rameshwari**	**Use of information and technology Dr. Nagesh Kuppast**	**Importance of Group Dynamics and Teamwork *Dr. Kamalakannan***	**LUNCH BREAK**	**YOGA & MEDITATION For stress Management**
18-08-19	**Sunday**	**SUNDAY**						
19-08-19	**Monday**	**Human dignity and human rights Dr. Ayesha Farheen**	**Basic Life Support – Batch A *Dr. Deepak D* Sterilization and disinfection in lab, How safe are your hands? – Batch B Peer Assisted Learning *Dr. Ravish kumar* Hands on Training Computers (MS Word, MS Excel) – Batch C**		***Sexual harassment & its attributes PPT Dr. Lobo***	**LUNCH BREAK**	**SPORTS**	
20-08-19	**Tuesday**	**Respect for human vulnerability and personal integrity PPT Dr. Lavanya**	**Basic Life Support – Batch B *Dr. Ravichandra* Sterilization and disinfection in lab, How safe are your hands? – Batch C Peer Assisted Learning *Dr. Ravish kumar* Hands on Training Computers (MS Word, MS Excel) – Batch A**		**Legal laws & procedures in sexual harassment PPT Dr. Santosh Biradar**	**LUNCH BREAK**	**SPORTS**	
21-08-19	**Wednesday**	**Equality, equity and justice Dr. Meganath**	**Basic Life Support – Batch C *Dr. Sumalata* Sterilization and disinfection in lab, How safe are your hands? – Batch A Peer Assisted Learning *Dr. Ravish Kumar* Hands on Training Computers (MS Word, MS Excel) – Batch B**		**Group activity Dr. Lobo & Dr. Santosh Biradar**	**LUNCH BREAK**	**SPORTS**	

22-08-19	**Thursday**	**Respect for cultural diversity and pluralism** **Dr. Sadiq**	**Field Visit (RHTC), Introduction to Healthcare workers, their role, Interaction with patients, visit to anganwadi** **– Batch A** ***Dr. Poonam*** **Visit to MICU,ICCU,NICU,PICU,SICU** **Batch B** **Dr. Ravichandra** **Hands on Training Computers (MS Powerpoint) – Batch C**		**E Learning Group Activity** ***Dr. Saraladevi***	**LUNCH BREAK**	**SPORTS** ***Physical Instructor***	
23-08-19	**Friday**	**Non discrimination and non stigmatization** **Dr. Rakesh Navale**	**Field Visit (RHTC), Introduction to Healthcare workers, their role, Interaction with patients, visit to anganwadi** **– Batch B** ***Mr. Srinivas Reddy*** **Visit to MICU,ICCU,NICU,PICU,SICU** **Batch C** **Dr. Sumalatha** **Hands on Training Computers (MS Powerpoint) – Batch A**		**E Learning Group Activity** ***Dr. Saraladevi***	**LUNCH BREAK**	**SPORTS**	
24-08-19	**Saturday**	**Social responsibility and health** **Dr. Vinod Kamble**	**Field Visit (RHTC), Introduction to Healthcare workers, their role, Interaction with patients, visit to anganwadi** **– Batch C** ***Dr. Waseem Ansari*** **Visit to MICU,ICCU,NICU,PICU,SICU** **Batch B** **Dr. Deepak** **Hands on Training Computers (MS Powerpoint) – Batch A**		**E Learning Group Activity** ***Dr. Saraladevi***	**LUNCH BREAK**	**YOGA & MEDITATION** **For stress Management**	
25-08-19	**Sunday**	**SUNDAY**						
26-08-19	**Monday**	**Solidarity and cooperation** **Dr. Dinanath**	**REVISION Basic Life Support – Batch A** ***Dr. Deepak D*** **REVISION How safe are your hands? – Batch B** **Peer Assisted Learning** ***Dr. Ravish kumar***	**Environmental ethics & biodiversity & biosphere** **Dr. Prashant Talikoti**	**Psychiatric ethics** **Dr. Waheed**	**LUNCH BREAK**	**LEISURE / EXTRACURRICULAR** **Dumb Charades (Group A, B C)**	**LEISURE / EXTRACURRICULAR** **Photography (Group A, B C)**

27-08-19	**Tuesday**	**Privacy & confidentiality** **Dr. Sudha Biradar**	**REVISION Basic Life Support – Batch B** ***Dr. Ravichandra*** **REVISION How safe are your hands? – Batch C** **Peer Assisted Learning** ***Dr. Ravish kumar***	**Euthanasia** **Dr. Sarala Devi**	**Antibiotic Stewardship Programme** ***Dr. Ravish Kumar***	**LUNCH BREAK**	**LEISURE / EXTRACURRICULAR** **Creating Best from Waste (Group A, B C)**
28-08-19	**Wednesday**	**Ethics in organ transplantation and organ donation** **Dr. Jyoti**	**REVISION Basic Life Support – Batch C** ***Dr. Sumalata*** **REVISION How safe are your hands? – Batch A** **Peer Assisted Learning** ***Dr. Ravish kumar***	**Road Safety (Video & Discussion)** ***Dr. Vinod Kamble***		**LUNCH BREAK**	**SPORTS**
29-08-19	**Thursday**	**Time management** ***Dr. Kamalakannan***	**Biodata Submission**	**Language**		**LUNCH BREAK**	**Personality test** ***Dr. Chandrakala***
30-08-19	**Friday**	**Mentorship**	**Round of Library & Digital Library**	**Language**		**LUNCH BREAK**	**What Kind of a reader are you?** ***Dr. Chandrakala***
31-08-19	**Saturday**	**Reflections & Narration** ***Dr. Rajhans Nagarkar***	**FEEDBACK** ***From Students & faculty***	**CLOSING CEREMONY**		**LUNCH BREAK**	**HALF DAY**

Prepared by:
Dr. Chandrakala B. S.
Dr. Nagarkar Rajhans Kishanrao
Dr. Mohammad Waseem Faraz Ansari

SEPTEMBER-1

DAY/DATE	8-9	9-10	10-11	11-1	2-3	3-4
SUN						
MON 2/09/19	INTRODUCTION TO BIOCHEMISTRY.	GEN AN 76	INTRODUCTION TO PHYSIOLOGY (LECTURE)	GENERAL ANATOMY AN 1.1	PRACTICALS INTRODUCTION MICROSCOPE (DOAP)	
TUE 3/09/19	GENERAL PHYSIOLOGY-1 INTRODUCTION. (LECTURE)	STRUCTURE AND FUNCTION OF CELL AND TRANSPORT MECHANISM-1	GENERAL ANATOMY AN 1.2	GENERAL ANATOMY AN 1.2	PRACTICALS PY2.11 Microscope & hemocytometer (DOAP)	
WED 4/9/19	GENERALANATOMY AN 1.2	GENERAL PHYSIOLOGY-2 PY 1.2 HOMEOSTASIS (LECTURE)	STRUCTURE AND FUNCTION OF CELL AND TRANSPORT MECHANISM-2	GENERAL ANATOMY AN 1. 2 SG	PRACTICAL BI11.1 Describe commonly used laboratory apparatus and equipments, good safe laboratory practice and waste disposal. (DOAP)	
THU 5/9/19	SPM	GENERAL PY 1.1 1.3, PHYSIOLOGY-3 CELL MEMBRANE AND INTERCELLULAR CONNECTIONS (LECTURE)	GENERAL ANATOMY GEN/GROSS AN 2.4	GENERAL ANATOMY	SKELETON DEMO [SMALL GROUP]	
FRI 6/09/19		STRUCTURE AND FUNCTION OF CELL AND TRANSPORT MECHANISM-3	GEN/GROSS AN 2.5, 2.6	GENERAL ANATOMY	VISIT TO PHYSIOLOGY LABS	

SAT 7/9/19		**HISTOLOGY AN 65.1-2 EPITHELIUM-I**	**GENERAL PHYSIOLOGY-4 PY 1.1 ,1.4 APOPTOSIS, CELL ORGANELLE AND FUNCTIONS (LECTURE)**	**INTEGRATED TEACHING**	

SEPTEMBER-2

DAY/DATE	8-9	9-10	10-11	11-1	2-3	3-4
SUN 08/09/19						
MON 09/09/19	**SDL-1 TRANSAPORT MEHANISM**	**EMBRYOLOGY AN 77.1-2**	**GENERAL PHYSIOLOGY-5 INTRODUCTION TO MICROSCOPE (LECTURE)**	**ETHICS IN ANATOMY**	**PRACTICALS AN65.1, 65.2 EPITHELIUM - I (DOAP)**	
TUE 10/9/19	**GENERAL PHYSIOLOGY-6 PY1.5 TRANSPORT MECHANISMS 1 (LECTURE)**	**CHEMISTRY OF CARBOHYDRATES-1 BI 3.1 Define and classify carbohydrates giving examples Differentiate monosaccharides, di-saccharides and polysaccharides Lecture**	**GEN/GROSS AN 3.1,3.2.,3.3**	**ETHICS IN ANATOMY**	**PRACTICALS PY2.11 Microscope & hemocytometer (DOAP)**	

WED 11/9/19	**GEN/GROSS 4.1,4.2,4.3,4.4 4.5**	**GENERAL-7 PY 1.5 TRANSPORT MECHANISM II**	**CHEMISTRY OF CARBOHYDRATES-2 BI 3.1 Monosaccharides of physiological importance SGD**	**ETHICS IN ANATOMY**	**PRACTICAL BI1.2 Preparation of buffers and estimation of pH. LECTURE**
THU 12/9/19	**SPM**	**GENERAL-8 PY 1.6, 1.7 BODY FLUID COMPARTMENTS. (LECTURE)**	**GEN/GROSS 5.1-5.8**	**SENSATIZATION ON BIOWASTE**	**CLAVICLE SG**
FRI 13/9/19		**CHEMISTRY OF CARBOHYDRATES-3 BI 3.1 Disaccharides ofphysiological importance SGD**	**GEN/GROSS6.1-6.3**	**SENSATIZATION ON BIO WASTE**	**ECE 1 VISIT TO HOSPITAL**
SAT 14/9/19		**HISTOLOGY 65.1-2 EPITHELIUM-II**	**GENERAL-9 FORMATIVE ASSESSMENT WRITTEN TEST.**	**INTEGRATED TEACHING-**	

SEPTEMBER-3

DAY/DATE	8-9	9-10	10-11	11-1	2-3	3-4
SUN 15/9/19						

MON 16/9/19	**CHEMISTRY OF CARBOHYDRATES-4 BI 3.1 Polysaccharides of physiological importance Lecture**	**GENERAL EMBRYOLOGY EMBRYOLOGY 77.3**	**GENERAL-10 COLLECTION OF BLOOD SAMPLE**	**CADAVERIC OATH**	**PRACTICALS AN65.1, 65.2 EPITHELIUM-II (DOAP)**
TUE 17/9/19	**PY 2.1 ,2.2 BLOOD-1 INTRODUCTION TO BLOOD COMPONENTS & PLASMA PROTEINS. (LECTURE)**	**EXTRACELLULAR MATRIX-1 BI 9.1 Structural and functional properties of collagen and elastin Describe the structural and functional properties of collagen and elastin LECTURE**	**GEN/GROSS 7.1-**	**FOMATIVE ASSESSMENT**	**PRACTICALS PY2.11 Microscope & hemocytometer (DOAP)**
WED 18/9/19	**UPPER LIMB GEN/GROSS 9.1**	**PY 2.4 BLOOD-2 RED BLOOD CELLS MORPHOLOGY, COMPOSITION &METABOLISM (LECTURE)**	**EXTRACELLULAR MATRIX 2 BI 9.1 Glycosaminoglycans and proteoglycans, and their contributions to ECM LECTURE**	**DISSECTION**	**PRACTICAL B11.6 Principals of colorimetry Lecture**
THU 19/9/19	**SPM**	**PY 2.4 BLOOD-3 RBC ERYTHROPOIESIS. (LECTURE)**	**UPPER LIMB GEN/GROSS 9.2,9.3**	**DISSECTION**	**HUMERUS [S G] ECE**
FRI 20/9/19		**EXTRACELLULAR MATRIX-3 BI9.2 Describe the biochemical basis of**	**GEN/GROSS 10.1,,10.2 10.4,10.7**	**DISSECTION**	**PY 2.2 INTEGRATED TEACHING PLASMA PROTEIN**

		Osteogenesisimperfecta Describe the biochemical basis of Chondrodysplasia LECTURE			
SAT 21/9/19		GENERAL HISTOLOGY 66.1,66.2 CONNECTIVE TISSUE LECTURE	PY 2.5 BLOOD -4 ANAEMIA. (LECTURE)	INTEGRATED TEACHING- ECM IN HEALTH AND DISEASE	

SEPTEMBER-4

DAY/DATE	8-9	9-10	10-11	11-1	2-3	3-4
SUN 22/9/19						
MON 23/9/19	EXTRACELLULAR MATRIX-4 BI9.2 Disorders associated with abnormal ECM components LECTURE	GENERAL EMBRYOLOGY 77.4-6	PY 2.11 BLOOD -5 ESTIMATION OF HAEMOGLOBIN (LECTURE)	DISSECTION	PRACTICALS AN66.1, 66.2 CONNECTIVE TISSUE (DOAP)	
TUE 24/9/19	BLOOD-6 ANAEMIA. (LECTURE)	EXTRACELLULAR MATRIX-5 BI9.3 Describe protein targeting & sorting along with its associated disorders.	UPPER LIMB GEN/GROSS 10.3,10.5,10.6	DISSECTION	PRACTICALS PY 2.11 BLOOD -5 ESTIMATION OF HAEMOGLOBIN (DOAP)	

		LECTURE			
WED 25/9/19	UPPER LIMB GEN/GROSS 10.8,10.9,10.11	BLOOD-7 FATE OF RBC, BILIRUBIN & JAUNDICE (LECTURE)	EXTRACELLULAR MATRIX-6 BI9.3 Describe protein targeting & sorting along with its associated disorders LECTURE	DISSECTION	PRACTICAL BI 11.18 PRINCIPAL OF SPECTROPHOTOMETRY LECTURE
THU 26/9/19	SPM	BLOOD-8 WHITE BLOOD CELLS (LECTURE)	UPPER LIMB GEN/GROSS 10.10,10.12,10.13	DISSECTION	RADIUS &ULNA [S G] ECE
FRI 27/9/19		FORMATIVE ASSESSMENT WRITTEN EXAMINATION	UPPER LIMB GEN/GROSS 11.1	DISSECTION	INTEGRATED TEACHING ANAEMIA.
SAT 28/9/19		HISTOLOGY 71.2 CARTILAGE	BLOOD-9 IMMUNITY I (LECTURE)	INTEGRATED TEACHING- ECM IN HEALTH AND DISEASE	

OCTOBER-1

DAY/DATE	8-9	9-10	10-11	11-1	2-3	3-4
SUN 29/9/19						

MON 30/09/19	**HEMOGLOBIN CHEMISTRY-1 BI5.2 LECTURE**	**GENERAL EMBRYOLOGY EMBRYOLOGY 78**	**PY 2.11 ESTIMATION OF RBC COUNT (LECTURE)**	**DISSECTION**	**PRACTICALS AN71.2 CARTILAGE (DOAP)**	
TUE 1/10/19	**BLOOD-11 BLOOD-10 IMMUNITY II (LECTURE)**	**HEMOGLOBIN CHEMISTRY-2 BI5.2 LECTURE**	**UPPER LIMB GEN/GROSS 11.2 ,11.4,11.6**	**DISSECTION**	**PRACTICALS PY 2.11 ESTIMATION OF RBC COUNT (DOAP)**	
WED 2/10/19	**HOLIDAY**					
THU 3/10/19	**SPM**	**BLOOD-12 APPLIED IMMUNITY AIDS (LECTURE)**	**UPPER LIMB GEN/GROSS 11.3,11.5**	**DISSECTION**	**SEMINAR/ SDL&ECE**	
FRI 4/10/19		**HEMOGLOBIN CHEMISTRY-3 BI5.2 LECTURE**	**UPPER LIMB GEN/GROSS 12.1,12.3**	**DISSECTION**	**PY 2.3 INTEGRATED TEACHING HAEMOGLOBIN**	
SAT 5/10/19		**HISTOLOGY REVISION LECTURE**	**BLOOD-13 HAEMOSTASIS PLATELETS. (LECTURE)**	**INTEGRATED TEACHING- Jaundice**		

OCTOBER-2

DAY/DATE	8-9	9-10	10-11	11-1	2-3	3-4

SUN 6/10/19						
MON 07/10/19			**HOLIDAY**			
TUE 8/10/19			**HOLIDAY**			
WED 9/10/19	**UPPER LIMB GEN/GROSS 12.2 12.4**	**BLOOD-14 HAEMOSTASIS I (LECTURE)**	**CHEMISTRY OF NUCLEIC ACIDS-1 BI7.1 LECTURE**	**DISSECTION**		
THU 10/10/19	**SPM**	**BLOOD-15 HAEMOSTASIS II (LECTURE)**	**UPPER LIMB GEN/GROSS 12.5, 12.6**	**DISSECTION**	**ANATOMY OR [I T] ECE**	
FRI 11/10/19		**CHEMISTRY OF NUCLEIC ACIDS-2 BI7.1 LECTURE**	**UPPER LIMB GEN/GROSS 12.7,12.8**	**DISSECTION**	**IT - HAEMOSTATIS, BLEEDING & CLOTTING DISORDERS.**	
SAT 12/10/19		**HISTOLOGY AN71.1 BONE**	**BLOOD-16 BLOOD GROUPS & TRANSFUSION. (LECTURE)**	**INTEGRATED TEACHING**		

OCTOBER-3

DAY/DATE	8-9	9-10	10-11	11-1	1-2	2-4

SUN 13/10/19						
MON 14/10/19	**CHEMISTRY OF NUCLEIC ACIDS-3 BI7.1 LECTURE**	**EMBRYOLOGY 79.1-2**	**PY2.11 ESTIMATION OF WBC COUNT BLOOD-17 FORMATIVE ASSESSMENT WRITTEN TEST.**	**DISSECTION**	**PRACTICALS AN71.1 BONE (DOAP)**	
TUE 15/10/19	**N-M-1 PY3.1 PY3.2 Structure & classification of neuron (LECTURE)**	**CHEMISTRY OF NUCLEIC ACIDS-4 BI7.1 LECTURE**	**UPPER LIMB GEN/GROSS 12.9,12.10**	**DISSECTION**	**PRACTICALS PY2.11 ESTIMATION OF WBC COUNT (DOAP)**	
WED 16/10/19	**UPPER LIMB GEN/GROSS 12.11,12.14,12.15**	**N-M-2 PY3.2 Electrical properties of nerve – RMP, AP, Compound AP & injury potential (LECTURE)**	**BIOLOGICAL OXIDATION-1 BI6.6 LECTURE**	**DISSECTION**	**PRACTICALS BI11.16 OBSERVE AUTOANALYSER AND USE OF QC**	
THU 17/10/19	**SPM**	**N-M-3 PY3.2 Properties of nerve fiber, difference between graded and action potential, conduction of nerve impulse,**	**UPPER LIMB GEN/GROSS 12.11,12.14 12.15**	**DISSECTION**	**INTEGRATED TEACHING INTEGRATION 13.3,13.4,13.5**	

		recording of monophasic & biphasic AP (LECTURE)			
FRI 18/10/19		BIOLOGICAL OXIDATION-2 BI6.6 LECTURE	UPPER LIMB GEN/GROSS 13.1	DISSECTION	ECE 2 – VISIT TO BLOOD BANK
SAT 19/10/19		GENERAL HISTOLOGY AN 67.1-67.3	N-M-4 PY3.3 degeneration and regeneration of nerve fibers, nerve growth factors (LECTURE)	INTEGRATED TEACHING	

OCTOBER-4

DAY/DATE	8-9	9-10	10-11	11-1	1-2	2-4
SUN 20/10/19						
MON 21/10/19	BIOLOGICAL OXIDATION-3 BI6.6 LECTURE	GENERAL EMBRYOLOGYEMBRYOLOGY 79.4 AN	PY 2.11 ESTIMATION OF AEC COUNT (LECTURE)	DISSECTION	PRACTICALS AN67.1-67.3 MUSCULAR TISSUE (DOAP)	
TUE 22/10/19	N-M-6 PY3.7 Comparison of skeletal, smooth and cardiac muscle (LECTURE)	SDL-3 INHIBITIORS OF ETC	UPPER LIMB GEN/GROSS 13.3	DISSECTION	PRACTICALS PY 2.11 ESTIMATION OF AEC COUNT (DOAP)	

WED 23/10/19	**THORAX GEN/GROSS 21.1-21.3**	**N-M-7PY3.4 structure of neuro-muscular junction and transmission of impulses (LECTURE)**	**ENZYMES-1 BI2.1 Define enzymes their functions & classification of enzymes LECTURE**	**FORMATIVE ASSESSMENT**	**PRACTICALS BI 11.13 ESTIMATION OF SGPT DOAP**
THU 24/10/19	**SPM**	**N-M-8 PY3.5 PY3.6 Neuromuscular blockers Myasthenia gravis (LECTURE)**	**THORAX GEN/GROSS 21.4 -21.7**	**DISSECTION**	**STERNUM [S G] ECE21.8 21.9,21.10**
FRI 25/10/19		**ENZYMES-2 BI2.1 Define coenzymes& Cofactor with suitable examples Differentiate coenzymes from cofactors LECTURE**	**THORAX GEN/GROSS 22.11**	**DISSECTION**	**INTEGRATED TEACHING – NM JUNCTION AND TRANSMISSION OF IMPULSES**
SAT 26/10/19		**GENERAL HISTOLOGY AN68.1- 68.3 NERVOUS TISSUE**	**N-M-9PY3.9 molecular basis of muscle contraction in skeletal and smooth muscles (LECTURE)**	**INTEGRATED TEACHING**	

OCTOBER-5 & NOVEMBER-1

DAY/DATE	8-9	9-10	10-11	11-1	2-3	3-4
SUN 27/10/19						

MON 28/10/19	**ENZYMES-3 BI2.1 Isoenzymes&allo enzymes with suitable examples LECTURE**		**HOLIDAY**	**DISSECTION**	**PRACTICALS AN68.1-68.3 NERVOUS TISSUE (DOAP)**
TUE 29/10/19	**N-M-10 PY3.10-PY3.13 types of muscle contraction, energy source & metabolism Applied aspects (LECTURE)**	**ENZYMES-4 BI2.3** Describe the mechanism of enzyme activity LECTURE	**GEN/GROSS 22.1**	**DISSECTION**	**PRACTICALS PY 2.11 ESTIMATION OF AEC COUNT (DOAP)**
WED 30/10/19	**GEN/GROSS 22.2**	**CVS-1 PY5.1, PY5.2 Gross anatomy of heart & its nerve supply**	**ENZYMES-5** BI 2.4 **Enzyme inhibitor? Describe and discuss enzyme inhibitors as poisons and drugs and as therapeutic agents Discuss the mechanism of action of various enzyme inhibitors LECTURE**	**DISSECTION**	**PRACTICALS BI 11.13 ESTIMATION OF SGOT DOAP**

THU 31/10/19	**SPM**	**CVS-2 PY5.4, conduction system of heart Spread of cardiac impulse**	**GEN/GROSS 22.3 -22.5**	**DISSECTION**	**RIBS AND VERTEBRAE [S G]**	
FRI 1/11/19	**HOLIDAY**					
SAT 2/11/19		**GENERAL HISTOLOGY AN69.1-69.3 CVS**	**CVS-3 PY5.4, Pacemaker of heart, Pacemaker potential, Ventricular action potential & effect of nervous stimulation of heart**	**INTEGRATED TEACHING – ENZYME INHIBITORS**		

NOVEMBER-1

DAY/DATE	8-9	9-10	10-11	11-1	2-3	3-4
SUN 3/11/19						
			BI 2.4			
MON 4/11/19	**ENZYMES-6 BI 2.6 Discuss the role of enzymes as markers of various disorders Discuss use of enzymes in**	**EMBRYOLOGY 79.3,5,6**	**CVS-4 PY 2.11 ESTIMATION OF DIFFERENTIAL LEUCOCYTE COUNT (LECTURE)**	**DISSECTION**	**AN69.1- 69.3 CARDIOVASCULAR SYSTEM (DOAP)**	

	laboratory investigations (Enzyme-based assays) LECTURE &SGD				
TUE 5/11/19	**CVS-4 PY5.5 ECG – Normal record in different leads & clinical uses of it**	**ENZYMES-7** BI 2.7 **Describe the use of enzymes as markers in diagnosis of disorders Interpret the alterations in enzyme activities in the given case scenarios LECTURE &SGD**	**THORAX 22.6-7**	**DISSECTION**	**PRACTICALS PY 2.11 ESTIMATION OF DIFFERENTIAL LEUCOCYTE COUNT (DOAP)**
WED 6/11/19	**THORAX GEN/GROSS 22.3**	**CVS 5 PY5.6 Heart block, sick sinus syndrome, MI, arrhythmia and electrolyte disturbance**	**FORMATIVE ASSESSMENT WRITTEN EXAMINATION**	**DISSECTION**	**PRACTICALS BI11.11 ESTIMATION OF CALCIUM DOAP**
THU 7/11/19	**SPM**	**CVS-6 PY5.3 Cardiac cycle**	**THORAX GEN/GROSS 23.4-23.7**	**DISSECTION**	**XRAYS CHEST & SURFACE [S G] ECE**
FRI 8/11/19		**SDL-4 Factor effecting enzyme activity**	**GEN/GROSS 24.1**	**DISSECTION**	**INTEGRATED TEACHING FUNCTIONAL ANATOMY OF HEART**

SAT 9/11/19		**GENERAL HISTOLOGY 70.1**	**CVS-7 PY5.3 Cardiac cycle**	**INTEGRATED TEACHING- CLINICAL ENZYMEOLOGY**		

NOVEMBER-2

DAY/DATE	8-9	9-10	10-11	11-1	1-2	2-4
SUN 10/11/19						
MON 11/11/19	**MINERALS-1 BI6.9,10 LECTURE**	**GENERAL EMBRYOLOGY EMBRYOLOGY 80.1-3**	**PY5.12, PY5.16 Examination perpipheral pulses Record Arterial pulse & BP (Lecture)**	**DISSECTION**	**PRACTICALS AN70.1 GLANDULAR TISSUE (DOAP)**	
TUE 12/11/19	**CVS-9 PY5.8 PY5.9 Heart rate and its regulaiton**	**MINERALS-2 BI6.9,10 LECTURE**	**THORAX GEN/GROSS 24.2-24.5**	**DISSECTION**	**PRACTICALS PY5.12, PY5.16 Examination perpipheral pulses Record Arterial pulse & BP (DOAP)**	
WED 13/11/19	**THORAX 25.7-25.9**	**CVS-10 PY5.8 PY5.9cardiac output and factors regulating it**	**MINERALS-3 BI6.5 LECTURE**	**DISSECTION**	**PRACTICALS BI11.11 ESTIMATION OF PHOSPHOROUS DOAP**	

THU 14/11/19	**SPM**	**CVS-11PY5.3 methods of estimation of cardiac output**	**THORAX FORMATIVE ASSESSMENT**	**DISSECTION**	**[IT] ECE**
FRI 15/11/19		**MINERALS-4 BI6.9,10 LECTURE**	**THORAX FORMATIVE ASSESSMENT**	**DISSECTION**	**INTEGRATED TEACHING ECG**
SAT 16/11/19		**GENERAL HISTOLOGY AN70.2**	**CVS-12 PY5.7 Hemodynamics – vascular segments, relationship between flow, pressure and resistance**	**INTEGRATED TEACHING – IDA**	

NOVEMBER-3 FIRST INTERNAL ASSESSMENT [PROBABLE DATES]

DAY/DATE	8-9	9-10	10-11	11-1	1-2	2-4
SUN 17/11/19						
MON 18/11/19	**MINERALS-5 BI6.9,10 LECTURE**	**EMBRYOLOGY 80.4-7 81**	**PY5.13 Record normal ECG LECTURE**	**DISSECTION**	**PRACTICALS AN70.2 LYMPHOID TISSUE (DOAP)**	

TUE 19/11/19	**CVS-14 PY5.7-PY5.9 blood pressure & its regulation LECTURE**	**SDL-5 Regulation of calcium level**	**GEN EMBRYOLOGY FORMATIVE ASSESSMENT**	**DISSECTION**	**PRACTICALS PY5.13 Record normal ECG (DOAP)**	
WED 20/11/19		**CVS-15 PY5.7-PY5.9 blood pressure & its regulation LECTURE**	**METABOLISM OF CARBOHYDRATES-1 BI3.2 Digestion And Assimilation Of Carbohydrate SGD**	**DISSECTION**	**PRACTICALS BI11.21 ESTIMATION OF SERUM GLUCOSE DOAP**	
THU 21/11/19			**EXAM**			
FRI 22/11/19			**EXAM**			
SAT 23/11/19			**EXAM**			

NOVEMBER-4

DAY/DATE	8-9	9-10	10-11	11-1	1-2	2-4
SUN 24/11/19						

MON 25/11/19			EXAM-			
TUE 26/11/19			EXAM			
WED 27/11/19			EXAM			
THU 28/11/19		CVS-17 INTERACTIVE TEACHING VIDEOS	LOWER EXTREMITY - LECTURE 15.3, 15.4	SG SURFACE LANDMARKS	HIP [SG /SDL] FEMORAL HERNIA – INTEGRATED TEACHING	
FRI 29/11/19		METABOLISM OF CARBOHYDRATES-2BI 3.4 Describe the importance of glycolysis and its location Explain the steps of aerobic and anaerobic glycolysis Explain the energetic of glycolysis Lecture	LOWER EXTREMITY LECTURE 15.1, 15.2	DISSECTION	EARLY CLINICAL EXPOSURE CLINICAL CASE CVS	

SAT 30/11/19		GENERAL HISTOLOGY AN72.1 SKIN	CVS-18. STUDENTS SEMINAR.	INTEGRATED TEACHING- Regulation of blood glucose level		

DECEMBER1

DAY/DATE	8-9	9-10	10-11	11-1	2-3	3-4
SUN 1/12/19						
MON 2/12/19	METABOLISM OF CARBOHYDRATES-3BI 3.4 Describe the importance of glucose and the organs and location of gluconeogenesis Explain the specific steps of gluconeogenesis and the enzymes List the substrates of Gluconeogenesis and trace the steps of Gluconeogenesis from them Lecture	EMBRYOLOGY RS	CVS-19 SDL	DISSECTION	**PRACTICALS AN72.1 SKIN AND ITS APPENDAGES (DOAP)**	
TUE 3/12/19	CVS-20 Formative asseement Written examination.	METABOLISM OF CARBOHYDRATES-4 BI 3.4 Define glycogenesis and glycogenolysis	LOWER EXTREMITY – 15.5 LECTURE	DISSECTION	PRACTICALS PY2.11 Blood grouping and typing, BT & CT (DOAP)	

		Explain the steps of glycogenesis and glycogenolysis Lecture			
WED 4/12/19	LOWER EXTREMITY-16.1, 16.2, 16.3 LECTURE	RS-1PY6.1 Introduction-structure & function of tracheo bronchial tree Different functional zone in respiratory passage Pleura &intrapleural pressure (LECTURE)	METABOLISM OF CARBOHYDRATES-5 BI 3.4 **Describe the location and importance of HMP shunt Explain the outline of oxidative and non-oxidative phases HMP pathway** Lecture	DISSECTION	PRACTICALS BI11.14 ESTIMATION OF ALAKALINE PHOSPHATASE DOAP
THU 5/12/19		RS-2PY6.2Mechanics – Respiratory muscles & innervation Mechanism of breathing Intrapleural& intrapulmonary pressure changes during respiration Respiratory membrane – Diffusion (LECTURE)	LOWER EXTREMITY- 16.4, 16.5 LECTURE	DISSECTION	FEMUR ,PATELLA A CASE OF SCIATICA - ECE

FRI 6/12/19		METABOLISM OF CARBOHYDRATES-6BI3.5 **Explain the rate limiting steps of glycolysis and their regulation with inhibitors Regulation of glycogen metabolism** **Lecture**	LOWER EXTREMITY- 16.6 LECTURE	DISSECTION	INTEGRATED TEACHING –BRATHING MECHANICS	
SAT 7/12/19		**GENERAL HISTOLOGY REVISION**	RS-3PY6.2Dead space, Pulmonary & alveolar ventilation (LECTURE)	INTEGRATED TEACHING – Glycogen storage disorders		

DECEMBER2

DAY/DATE	8-9	9-10	10-11	11-1	2-3	3-4
SUN 8/12/19						
MON 9/12/19	METABOLISM OF CARBOHYDRATES-7 BI3.5 **Describe the biochemical changes and clinical features of G6PD deficiency**	EMBRYOLOGY RS	RS-4PY6.2 Lung compliance & applied (LECTURE)	DISSECTION	**PRACTICALS** **GENERAL HISTOLOGY REVISION**	

	Defects and the symptoms of Lactose intolerance SGD				
TUE 10/12/19	RS-5PY6.2Lung volumes & capacities (LECTURE)	METABOLISM OF CARBOHYDRATES-8 **Describe and discuss the concept of TCA cycle as aamphibolic pathway and its regulation.** Lecture	LOWER EXTREMITY-17.1,17.3 LECTURE	DISSECTION	PRACTICALS PY11.13 General physical examination (DOAP)
WED 11/12/19	LOWER EXTREMITY-18.1, 18.2 LECTURE	RS6PY6.7, Pulmonary function tests(LECTURE)	METABOLISM OF CARBOHYDRATES-9 BI 3.8 **Discuss the various disorders associated with carbohydrate metabolism** Lecture	DISSECTION	PRACTICALS BI 11.9 ESTIMATION OF TOTAL CHOLESTROL DOAP
THU 12/12/19		RS-7PY6.2 Surfactant & applied (STUDENT SEMINAR)	LOWER EXTREMITY – 18.4, 18.5 LECTURE	DISSECTION	TIBIA FIBULA FOOT [S G] A CASE OF FRACTURE NECK FEMUR - ECE

FRI 13/12/19		METABOLISM OF CARBOHYDRATES-10 BI3.10 **Interpret the results of blood glucose levels and other laboratory investigations related to disorders of carbohydrate metabolism.**	LOWER EXTREMITY-18.6 LECTURE	DISSECTION	INTEGRATED TEACHING Pulmonary function tests.	
SAT 14/12/19		**GENERAL HISTOLOGY FORMATIVE ASSESSMENT**	RS-8PY6.2 Pulmonary circulation, significance of having low pressure & pulmonary edema, V/P ratio, shunts(LECTURE)	INTEGRATED TEACHING OGTT And G6PD deficiency		

DECEMBER 3

DAY/DATE	8-9	9-10	10-11	11-1	1-2	2-4
SUN 15/12/19						
MON 16/12/19	SDL-6 **GALACTOSEMIAS**	EMBRYOLOGY CVS	RS-9PY6.3 Transport of O2 , Hb-O2 dissociation curve, Bohr effect, p50(LECTURE)	DISSECTION	**PRACTICALS FORMATIVE ASSESSMENT**	
TUE 17/12/19	RS-10PY6.3 Transport of CO2, chloride shift,	LIPID CHEMISTRY-1 BI4.1 **Define lipids and classify them.**	LOWER EXTREMITY- 19.1, 19.2, 19.3, 19.4 LECTURE	DISSECTION	PRACTICALS PY5.15 CLINICAL EXAMINATION OF CVS (DOAP)	

	Haldane effect(LECTURE)	Functions and importance of Essential fatty acids Lecture				
WED 18/12/19	LOWER EXTREMITY-19.5, 19.6, 19.7 LECTURE	RS-11PY6.3 Regulation of respiration, (LECTURE)	LIPID CHEMISTRY-2 BI4.1 Functions and importance of Non-essential fatty acids Functions and importance of Cholesterol Lecture	DISSECTION	PRACTICALS BI11.9 ESTIMATION OF HDL DOAP	
THU 19/12/19		RS-13PY6.3 Regulation of respiration (LECTURE)	LOWER EXTREMITY–20.1, 20.2 LECTURE	DISSECTION	/SDL A CASE OF FOOT DROP –ECE	
FRI 20/12/19		LIPID CHEMISTRY-3 BI4.1 Describe the Functions and importance of Phospholipids, Triglycerides, Lecture	LOWER EXTREMITY- 20.3, 20.4 LECTURE	DISSECTION	EARLY CLINICAL EXPOSURE RESPIRATORY CASE.COPD	
SAT 21/12/19		**SYSTEMIC HISTOLOGY – RESPIRATORY SYSTEM** **AN**	RS-12PY6.3 Hypoxia, O2 therapy (STUDENT SEMINAR)	INTEGRATED TEACHING Essential fatty acids PUFA importance in health and disease		

DECEMBER 4

DAY/DATE	8-9	9-10	10-11	11-1	1-2	2-4
SUN 22/12/19						
MON 23/12/19	LIPID CHEMISTRY-4 BI4.1 Importance of Sphingolipids Lecture	EMBRYOLOGY CVS	RS-14PY6.6Cyanosis, asphyxia, types of respiration, periodic breathing (STUDENT SEMINAR)	DISSECTION	**PRACTICALS AN RESPIRATORY SYSTEM (DOAP)**	
TUE 24/12/19	RS-15PY6.4Acclimatization, physiological changes at high altitude, Caisson's disease(LECTURE)	LIPID METABOLISM-1 BI 4.2 Describe the process of digestion and absorption of dietary lipids. Describe the denovo synthesis of fatty acids. Describe the role of carnitine in the transport of long chain fatty acid through the inner mitochondrial membrane Lecture	LOWER EXTREMITY- INTEGRATED TEACHING – OSTEOARTHRITIS .	DISSECTION	PRACTICALS ESR, OSMOTIC FRAGILITY, HCT (DOAP)	
WED 25/12/19	LOWER EXTREMITY-INTEGRATED	HOLIDAY	LIPID METABOLISM-2 BI 4.2	DISSECTION	PRACTICALS BI 11.9 ESTIMATION OF TRIGLYCERIDES	

	TEACHING – VARICOSE VEINS, DEEP VEIN THROMBOSIS		Define β-oxidation of fatty acids and of reactions in β-oxidation of fatty acids. With energetics,Regulation Name the ketone bodies and their importance Explain the synthesis, breakdown and regulation of ketone body metabolism Explain starvation and diabetic ketoacidosis. Lecture		DOAP	
THU 26/12/19		RS-16PY6.5 Artificial respiration, CPR (STUDENT SEMINAR)	LOWER EXTREMITY– INTEGRATED TEACHING – RADIOLOGY OF LOWER LIMB	DISSECTION	SURFACE ANATOMY AND RADIOLOGY – LOWER EXTREMITY [S G]/ SDL	
FRI 27/12/19		LIPID METABOLISM-3 **BI 4.3 LIPOPROTEIN METABOLISM Lecture**	LOWER EXTREMITY- FORMATIVE ASSESSMENT WRITTEN TEST	DISSECTION	EARLY CLINICAL EXPOSURE CLINICAL CASE VISIT- VENTILATORS	
SAT 28/12/19		SYSTEMIC HISTOLOGY – GIT ORAL CAVITY AN 43.2	RS-17Charts & Problems (SGD)	INTEGRATED TEACHING– Atherosclerosis		

JANUARY-1

DAY/DATE	8-9	9-10	10-11	11-1	2-3	3-4
SUN 29/12/19						
MON 30/12/19	LIPID METABOLISM-4 BI4.3 LIPOPROTEIN METABOLISM	EMBRYOLOGY CVS	RS-18 Charts & Problems (SGD)	DISSECTION	**PRACTICALS** **GASTRO-INTESTINAL SYSTEM** **AN 43.2** **TONGUE, SALIVARY GLANDS (DOAP)**	
TUE 31/12/19	RS-19 FORMATIVE ASSESSMENT (WRITTEN TEST)	LIPID METABOLISM-5 BI 4.5 **Identify normal lipid profile** **Interpret lipid profile and clinical features given and identify hypercholesterolemia, hypertriglyceridemia and mixed conditions and probable cause** **Lecture and SGD**	ABDOMEN PELVIS- 44.1, 44.2 LECTURE	DISSECTION	PRACTICALS PY6.9 CLINICAL EXAMINATION OF RS (DOAP)	
WED 1/1/20	ABDOMEN PELVIS – 44.3, 44.4 LECTURE	GIT-1 PY 4.1 The structure and functions of digestive system (LECTURE)	LIPID METABOLISM-6 **BI 4.5** **Interpret the lab findings and given clinical features in cases of steatorrhea, ketoacidosis,**	DISSECTION	PRACTICALS. BI 11.16 ELISA AND IMMUNODIFFUSION DEMO	

			Carnitine deficiency, lung surfactant deficiency, Niemann-Pick disease, Gaucher disease, nonalcoholic fatty liver Lecture and SGD			
THU 2/1/20		GIT-2 PY 4.2 Mastication & deglutition (LECTURE)	ABDOMEN PELVIS–44.6, 44.7 LECTURE	DISSECTION	LUMBAR VERTBRAE SACRUM INGUINAL HERNIA - ECE	
FRI 3/1/20		LIPID METABOLISM-7 **BI4.5 CHOLESTEROL METABOLISM Lecture**	ABDOMEN PELVIS- 45.1, 45.2, 45.3, 47.12 LECTURE	DISSECTION	EARLY CLINICAL EXPOSURE ASTHMA	
SAT 4/1/20		SYSTEMIC HISTOLOGY-GIT SYSTEM AN52.1	GIT-3–PY 4.2 The composition, mechanism of secretion, functions, and regulation of salivary glands. (LECTURE)	INTEGRATED TEACHING LIPOPROTEIN METABOLISM DISORDERS		

JANUARY-2

DAY/DATE	8-9	9-10	10-11	11-1	2-3	3-4
SUN 5/1/20						

MON 6/1/20	LIPID METABOLISM-8 BI4.6 **Explain the various prostaglandins and its therapeutic uses.**	EMBRYOLOGY CVS	GIT-4- PY 4.9 Stomach – Physiological anatomy, function , movements, secretions (LECTURE)	DISSECTION	**PRACTICALS** **GASTRO-INTESTINAL SYSTEM** **AN52.1** **OESOPHAGUS, STOMACH – FUNDUS, PYLORUS** **(DOAP)**	
TUE 7/1/20	GIT-5- Antacids peptic ulcer, dumping syndrome (LECTURE)	LIPID METABOLISM-9 BI4.6 **Outline the cyclooxygenase, lipoxygenase pathway of eicosanoid synthesis and its inhibitors.** **Lecture**	ABDOMEN PELVIS–46.1, 46.2 LECTURE	DISSECTION	PRACTICALS PY6.10 SPIROMETRY (DOAP)	
WED 8/1/20	ABDOMEN PELVIS – 46.3, 46.4, 46.5 LECTURE	GIT-6 – PY 4.3 Gastric movements,vomiting, metabolic alkalosis. (LECTURE)	LIPID METABOLISM-10 BI.4.7 **Interpret laboratory results of analytes associated with metabolism of lipids. Lecture**	DISSECTION	PRACTICALS BI 11..24 ADVANTAGES AND DISADVANTAGES OF SATURATED AND TRANS FATTY ACIDS SGD	
THU 9/1/20		GIT-7–PY 4.4, PY 4.6 GUT BRAIN AXIS	ABDOMEN PELVIS–47.1, 47.2 LECTURE	DISSECTION	SEMINAR /SDL[S G SDL] BONY PELVIS – 53.2	

		Intestinal glands, succusintericus, protein, carbohydrate & fat absorption (LECTURE)				
FRI 10/1/20		SDL-7	ABDOMEN PELVIS–47.3, 47.4 LECTURE	DISSECTION	INTEGRATED TEACHING JAUNDICE	
SAT 11/1/20		SYSTEMIC HISTOLOGY AN52.1 GIT	GIT-8 –PY 4.8 Pancreas- composition, function, control of secretion (LECTURE)	INTEGRATED TEACHING- interpretation of lipid profile and inhibitor of prostaglandins		

JANUARY-3

DAY/DATE	8-9	9-10	10-11	11-1	1-2	2-4
SUN 12/1/20						
MON 13/1/20	ACID BASE BALANCE-1 BI6.7 Define pH. Explain Henderson Haselbach equation? List the normal pH of blood and urine. Define buffer. List the physiological buffers. Lecture	EMBRYOLOGY CVS	GIT-9–PY 4.7, PY 4.8 Liver- bile, compostion, secretion, function, control, enterohepatic circulation, jaundice(LECTURE)	DISSECTION	**PRACTICALS GASTRO-INTESTINAL SYSTEM AN52.1 DUODENUM, JEJUNUM, ILEUM (DOAP)**	

TUE 14/1/20	GIT 10 – PY 4.9 Movements of small intestine, polarity, functions (LECTURE)	ACID BASE BALANCE-2 BI6.7 Describe the respiratory and renal regulation of pH.lecture	ABDOMEN PELVIS– 47.5 – STOMACH LECTURE	DISSECTION	PRACTICALS PY6.9 STETHOGRAPHY (DOAP)
WED 15/1/20		HOLIDAY	ACID BASE BALANCE-3 BI6.7 Explain in detail the disorders associated with acid – base balance .lecture	DISSECTION	PRACTICALS BI 11.16 ABG ANALYSER DEMO
THU 16/1/20		GIT11– PY 4.9 movements of large intestine, defecation and metabolic acidosis. (LECTURE)	ABDOMEN PELVIS - 47.5 – SMALL INTESTINE – DUODENUM LECTURE	DISSECTION	SEMINAR /IT [SG SDL] INTEGRATED TEACHING – ASCITIS, PERITONITIS, SUB PHRENIC ABCESS.
FRI 17/1/20		WATER AND ELECTROLYTE BALANCE-1 BI6.7 Explain the distribution of water in the body. Outline the causes and consequences of water depletion and compensatory mechanisms. Enumerate the biochemical findings and management of water depletion. &water excess. Lecture	ABDOMEN PELVIS - 47.5 – SMALL INTESTINE – JEJUNUM AND ILEUM LECTURE	DISSECTION	EARLY CLINICAL EXPOSURE JAUNDICE CASE

SAT 18/1/20		SYSTEMIC HISTOLOGY AN52.1 GIT	GIT-12 PY 4.5 GIT hormones. (LECTURE)	INTEGRATED TEACHING – RENAL REGULATION OF PH	

JANUARY-4

DAY/DATE	8-9	9-10	10-11	11-1	1-2	2-4
SUN 19/1/20						
MON 20/1/20	WATER AND ELECTROLYTE BALANCE-2 BI6.7 List the reference range for serum electrolyte . Describe the distribution of electrolytes in the body. Define and mention normal range of serum osmolality and its significance. Lecture	EMBRYOLOGY CVS	GIT 13 FORMATIVE ASSESMENT Written test. (LECTURE)	DISSECTION	**PRACTICALS** **GASTRO-INTESTINAL SYSTEM** **AN52.1** **LARGE INTESTINE, APPENDIX (DOAP)**	
TUE 21/1/20	RENAL -1 PY 7.1 , PY 7.2 Structure and function of	WATER AND ELECTROLYTE BALANCE-3 BI6.7	ABDOMEN PELVIS - 47.5 – LARGE INTESTINE, CAECUM, APPENDIX	DISSECTION	PRACTICALS PY3.15 EFFECT OF POSTURE & EXERCISE ON BP AND PR (DOAP)	

	Kidney, Functional anatomy, Juxtaglomerular apparatus. (LECTURE)	Enumerate the factors regulating sodium balance. List the causes and consequences ofhyponatremia and hypernatremia Outline the causes and consequences of hypokalemia and hyperkalemia LECTURE &SGD	LECTURE		
WED 22/1/20	ABDOMEN PELVIS - 47.5 – LIVER LECTURE	PY 7.1, PY 7.4 RENAL -2 Renal circulation, Renal Blood flow, Clearance. (LECTURE)	SDL-8	DISSECTION	PRACTICALS BI11.16 ELECTROLYTE ANALYSIS BY ISE DEMO
THU 23/1/20		PY 7.3 RENAL -3 Mechanism of urine formation, GFR - factor affecting, measurements, (LECTURE)	ABDOMEN PELVIS–47.5, 47.7 - EXTRA HEPATIC BILIARY APPARATUS LECTURE	DISSECTION	IT – 47.6
FRI 24/1/20		VITAMINS-1BI6.5 Describe the RDS, sources, chemistry, absorption, transport, biochemical functions &deficiency	ABDOMEN PELVIS– 47.5 SPLEEN LECTURE	DISSECTION	EARLY CLINICAL EXPOSURE DIALYSIS.

		manifestation of Vitamin A. Enumerate Wald's visual cycle and dark adaptation mechanism. Lecture				
SAT 25/1/20		SYSTEMIC HISTOLOGY AN52.1 HEPATO-BILIARY SYSTEM	PY 7.3 RENAL -4 Tubular Reabsorption, tubular maximum, Na, water, HCo3 secretion, Tubular secretion (LECTURE)	INTEGRATED TEACHING – ACID BASE DISORDERS		

JAN 5/ FEBRUARY-1

DAY/DATE	8-9	9-10	10-11	11-1	2-3	3-4
SUN 26/1/20						
MON 27/1/20	VITAMINS-2 BI6.5 Describe the Sources, RDA, and Biochemical Functions of Vitamin D. Mention the Deficiency Manifestations of Vitamin D Lecture &SGD	EMBRYOLOGY FACE ,ARCHES PALATE	PY 7.3 RENAL -5 Mechanism of concentration of urine.- Countercurrent multiplier & exchanger (LECTURE)	DISSECTION	**PRACTICALS AN52.1 HEPATO-BILIARY SYSTEM LIVER, PANCREAS, GALLBLADDER (DOAP)**	

TUE 28/1/20	PY 7.5 RENAL -6 Renal Hormone, ECF regulation by kidney (LECTURE)	VITAMINS-3 BI6.5 Mention the Sources, Chemistry, and RDA of Vitamin E. Describe metabolism, functions and deficiency manifestation of Vitamin E. Mention the Sources, Chemistry, and RDA of Vitamin K. List the coenzyme form, functions and deficiency manifestations of Vitamin K. Lecture	ABDOMEN PELVIS– 47.5 – PANCREAS LECTURE	DISSECTION	PRACTICALS PY3.14 ERGOGRAPHY (DOAP)
WED 29/1/20	ABDOMEN PELVIS – 47.5 – KIDNEY AND SUPRARENAL GLAND LECTURE	PY 7.3 RENAL -7 Diuretics – definition, classification, example, (LECTURE)	VITAMINS-4 BI6.5 Mention the Sources, Chemistry, and RDA of Vitamin C. Describe metabolism, functions and deficiency manifestation of Vitamin C. Lecture	DISSECTION	PRACTICALS BI11.23 CALCULATE ENERGY CONTENT OF FOOD AND GLYCEMIC INDEX SGD

THU 30/1/20		RENAL -8 SKIN – structure, function, absorption, synthesis, secretion, temperature regulation (LECTURE)	ABDOMEN PELVIS – 47.5 – RECTUM LECTURE	DISSECTION	I T -	
FRI 31/1/20		VITAMINS-5 BI6.5 Mention the Sources, Chemistry, and RDA of Niacin. Describe the coenzyme functions and deficiency manifestation of Niacin. Lecture &SGD	ABDOMEN PELVIS–47.5 ANAL CANAL AND ISCHIORECTAL FOSSA LECTURE	DISSECTION	PY 7.5 INTEGRATED TEACHING ACID BASE BALANCE.	
SAT 1/2/20		SYSTEMIC HISTOLOGY AN52.2 URINARY SYSTEM	PY 7.6, PY 7.9 RENAL -9 Urinary bladder, structure, nerve supply, Cystometrogram (LECTURE)	INTEGRATED TEACHING – VITAMIN A&D DEFIECENCY		

FEBRUARY-1

DAY/DATE	8-9	9-10	10-11	11-1	2-3	3-4
SUN 2/2/20						
MON 3/2/20	VITAMINS-6 BI6.5 Mention the Sources, Chemistry, and RDA &metabolism Riboflavin. Mention the Sources, Chemistry, and RDA &metabolism Biotin. Lecture	EMBRYOLOGY FACE ,ARCHES PALATE	PY 7.9 RENAL-10 Micturition Reflex, voluntary Micturition, Laplace law.(LECTURE)	DISSECTION	**PRACTICALS AN52.2 URINARY SYSTEM (DOAP)**	
TUE 4/2/20	PY 7.7 RENAL-12 Applied – Artificial; kidney,Dialysis, Transplantation. (LECTURE)	VITAMINS-7BI6.5 Mention the Sources, Chemistry, and RDA metabolism &deficiency manifestation Pantothenic Acid. Lecture &SGD	ABDOMEN PELVIS – 47.8, 47.10, 47.11 LECTURE	DISSECTION	PRACTICALS PY5.14 AFT (DOAP)	
WED 5/2/20	ABDOMEN PELVIS – 47.9 LECTURE	RENAL-13 SDL	VITAMINS-8 BI6.5 Mention the Sources, Chemistry, and RDA	DISSECTION	PRACTICALS BI 11.3 CHEMICAL COMPONENTS OF NORMAL URINE SGD	

			metabolism &deficiency manifestations Pyridoxine. Lecture			
THU 6/2/20		RENAL-14 SEMINAR.	ABDOMEN PELVIS – 47.12, 47.13, 47.14 LECTURE	DISSECTION	IT – PORTAL HYPERTENSION ENDOCRINE 1	
FRI 7/2/20		VITAMINS-9BI6.5 FOLIC ACID &ONE CARBON METABOLISM	ABDOMEN PELVIS -48.1 LECTURE	DISSECTION	PY 7.8 INTEGRATED TEACHING RENAL FUNCTION TEST.	
SAT 8/2/20		SYSTEMIC HISTOLOGY AN52.2 MALE REPRODUCTIVE SYSTEM	RENAL -15 FORMATIVE ASSESSMENT – RENAL written test.	INTEGRATED TEACHING- ROLE OF VITAMIN B6 IN METABOLISM		

FEBRUARY-2

DAY/DATE	8-9	9-10	10-11	11-1	1-2	2-4
SUN 9/2/20						
MON 10/2/20	VITAMINS-10 BI6.5 VITAMIN B-12 Lecture	EMBRYOLOGY FACE ,ARCHES PALATE (Lecture)	ENDO-1 PY 8.2, General principles- Hormones def, classification, receptors, mechanism of	DISSECTION	**PRACTICALS AN52.2 MALE REPRODUCTIVE SYSTEM (DOAP)**	

			action & measurements. (LECTURE)			
TUE 11/2/20	ENDO-2 PY 8.2 Endocrine functions of Hypothalamus, Hypothalamo-pituitary axis. (LECTURE)	SDL-9	ABDOMEN PELVIS - 48.2, 48.5, 48.6– URETERS AND URINARY BLADDER LECTURE	DISSECTION	PRACTICALS REVISION PY6.9 CLINICAL EXAMINATION OF RS (DOAP)	
WED 12/2/20	ABDOMEN PELVIS – 48.2 – MALE REPRODUCTIVE SYSTEM LECTURE	ENDO-3, PY 8.2 Anterior pituitary gland. Hormones. (LECTURE)	FORMATIVE Assesment Written examination	DISSECTION	PRACTICALS B11.4 ANALYSIS OF NORMAL URINE DOAP	
THU 13/2/20		ENDO-4,PY 8.2 PY 8.6 Growth hormones-secretion, action, applied.(LECTURE)	ABDOMEN PELVIS – 48.2, 48.5 – FEMALE REPRODUCTIVE SYSTEM LECTURE	DISSECTION	SDL IT – 48.7, 48.8	
FRI 14/2/20	ENDO-5 Posterior pituitary gland, hormones – ADH, oxytocin (LECTURE)	RFT BI 6.14	ABDOMEN PELVIS–48.3, 48.4 LECTURE	DISSECTION	INTEGRATED TEACHING THYROID GLAND	
SAT 15/2/20		SYSTEMIC HISTOLOGY – FEMALE		INTEGRATED TEACHING Pellagra		

		REPRODUCTIVE SYSTEM AN25.2				

FEBRUARY-3

DAY/DATE	8-9	9-10	10-11	11-1	1-2	2-4
SUN 16/2/20						
MON 17/2/20	SDL-10 Proteinuria	EMBRYOLOGY ENDOCRINE	ENDO-6, PY 8.4, PY 8.2 Thyroid gland – Homones, secretion, action, applied.(LECTURE)	DISSECTION	**PRACTICALS AN 52.2 FEMALE REPRODUCTIVE SYSTEM (DOAP)**	
TUE 18/2/20	PY 8.1,PY 8.2 ENDO-7 Calcium Metabolism (LECTURE)	HAEM METABOLISM-1 BI6.11 **List heam containing proteins and their functions Describe the biosynthesis of regulation degradation of heme. Classify and describe different types of porphyrias lecture**	ABDOMEN PELVIS– 49.1, 49.2, 49.3 LECTURE	DISSECTION	PRACTICALS REVISION PY5.15 CLINICAL EXAMINATION OF CVS (DOAP)	
WED 19/2/20	ABDOMEN PELVIS - 49.4, 49.5 LECTURE	HAEM METABOLISM-2BI6.12 **Describe the major types of haemoglobin and its derivatives found in the body and their physiological/ pathological relevance. Lecture**	PY 8.1,PY8.2 ENDO-8 Calcitropic hormones – parathyroid, calcitonin, Vit D (LECTURE)	DISSECTION	PRACTICALS B11.4 ABNORMAL URINE ANALYSIS DOAP	

THU 20/2/20		PY 8.2 ENDO-9 Adrenal Gland – Cortex, Glucocorticoids,Hormones, secretion, actions, applied. (LECTURE)	ABDOMEN PELVIS– 50.1, 50.2. 50.3, 50.4 LECTURE	DISSECTION	SURFACE MARKING AND RADIOLOGY - ABDOMEN PELVIS 54.1,54.2, 54.3	
FRI 21/2/20		SDL-11 Hemoglobin &myoglobin structure	ABDOMEN PELVIS – 51.1, 51.1 LECTURE	DISSECTION	EARLY CLINICAL EXPOSURE ENDOCRINE DISORDER.	
SAT 22/2/20		**SYSTEMIC HISTOLOGY REVISION**	PY 8.2 ENDO-10 Adrenal Gland – Cortex, Mineralocorticoids, Hormones, secretion, actions, applied (LECTURE)	INTEGRATED TEACHING **porphyrias**		

FEBRUARY-4 SECOND INTERNAL ASSESSMENT EXAMS [PROBABLE DATES]

DAY/DATE	8-9	9-10	10-11	11-1	1-2	2-4
SUN 23/2/20						
MON 24/2/20			EXAMINATIONS			
TUE 25/2/20						
WED 26/2/20						

THU 27/2/20						
FRI 28/2/20						
SAT 29/2/20						

MARCH 2

DAY/DATE	8-9	9-10	10-11	11-1	2-3	3-4
SUN 8/3/20						
MON 9/3/20	**LFT-1 B16.13, BI6.14** Describe the function and test to assess the liver function Lecture,	EMBRYOLOGY RENAL	PRACTICAL BRIEF. (Lecture)	DISSECTION	**PRACTICALS REVISION**	
TUE 10/3/20	ENDO-11 PY 8.4 Adrenal Medulla – hormones, secretions, actions, (LECTURE)	**LFT-2 BI6.15** Describe the biochemicalalteration in various types of jaundice And other liver disease, lecture	HNF – SCALP, EMISSARY VEINS (LECTURE) 27.1, 27.2	DISSECTION	PRACTICALS REVISION PY3.15 EFFECT OF POSTURE & EXERCISE ON BP AND PR (DOAP)	

WED 11/3/20	HNF – MUSCLES OF FACIAL EXPRESSION AND NERVE SUPPLY(LECTURE) 28.1, 28.2, 28.3, 28.8	ENDO 12 PY 8.3 Thymus & pineal Gland (LECTURE)	Formative Assessment Written examination	DISSECTION	PRACTICALS PRACTICALS B11.4 ABNORMAL URINE ANALYSIS (DOAP)	
THU 12/3/20		ENDO -13 PY 8.2 Endocrine Pancreas – Glucagon.(LECTURE)	HEAD NECK– LECTURE 28.4, 28.7	DISSECTION	NORMAE O/V/F	
FRI 13/3/20		**Molecular Biology 1, BI7.1 Describe the structure and functions of DNA and RNA and outline the cell cycle. Lecture**	HEAD NECK – LECTURE 28.9, 28.10	DISSECTION	INTEGRATED TEACHING ECE	
SAT 14/3/20		**SYSTEMIC HISTOLOGY ENDOCRINE SYSTEM AN43.2**	ENDO -14 PY 8.4, Endocrine Pancreas – Insulin.	INTEGRATED TEACHING		

MARCH 3

DAY/DATE	8-9	9-10	10-11	11-1	1-2	2-4
SUN 15/3/20						

MON 16/3/20	**Molecular Biology 2 ,BI7.2** Explain the process of Replication Explain the formation and signoficance Okazaki fragments Lecture	EMBRYOLOGY SPL SENSES	ENDO -15PY 8.2 Local Hormones.(LECTURE)	DISSECTION	**PRACTICALS** **ENDOCRINE SYSTEM** **AN 43.2** **PITUTARY, THYROID DLAND, PINEAL GLAND, SUPRA-RENAL GLAND** **(DOAP)**
TUE 17/3/20	ENDO-16 PY 8.5 Obesity & Metabolic syndrome. (LECTURE)	**Molecular biology 3 ,BI7.2** Describe various types of DNA repair mechanisms and clinical significance Lecture	HEAD NECK – POSTERIOR TRAINGLE OF NECK LECTURE 29.1, 29.2, 29.3, 29.4	DISSECTION	PRACTICALS REVISION AFT (DOAP)
WED 18/3/20	HEAD NECK – LECTURE 30.3, 30.4, 30.5	ENDO-17 SDL	**Molecular biology 4 BI7.2** Define and describe stages of transcription. Expalin the mechnismsinvolved in post transcrptional modification List the Inhibitors of transcription Lecture	DISSECTION	PRACTICALS PRACTICALS B11.4 ABNORMAL URINE ANALYSIS (DOAP)

THU 19/3/20		ENDO-18 INTERACTIVE TEACHING VIDEO	HEAD NECK – LECTURE 31.1, 31.3, 31.4, 31.5	DISSECTION	NORMAE L MANDIBLE	
FRI 20/3/20		**Molecular biology 5 ,BI7.2** Define and describe stages of translation Explain post translational modifications List the Inhibitors of translation process Lecture	HEAD NECK – LECTURE 32.1, 32.2	DISSECTION	INTEGRATED TEACHING ECE	
SAT 21/3/20		SYSTEMIC HISTOLOGY –AN 43.2, 43.3 EYE	ENDO-19 PROBLEMS AND CHARTS SMALL GROUP DISCUSSION.	INTEGRATED TEACHING		

MARCH 4

DAY/DATE	8-9	9-10	10-11	11-1	1-2	2-4
SUN 22/3/20						
MON 23/3/20	**Molecular biology 6 BI7.3 Describe gene mutations and basic mechanism of regulation of gene expression. Lecture**	EMB	ENDO-20 FORMATIVE ASSESSMENT WRITTEN TEST.	DISSECTION	**PRACTICALS (DOAP) AN 43.2, 43.3 EYE CORNEA, RETINA, SCLERO-CORNEAL JUNCTION, OPTIC NERVE**	

TUE 24/3/20	REPRODUCTIVE -1 PY 9.1 INTRODUCTION SEX DETERMINATION (Lecture)	**Molecular biology 7,BI7.3** **Describe gene mutations and basic mechanism of regulation of gene expression.** **Lecture**	HEAD NECK– LECTURE – TEMPORAL AND INFRA-TEMPORAL FOSSA 33.1, 33.2	DISSECTION	PRACTICALS REVISION HEMATOLOGY PRACTICALS PY2.11 (DOAP)
WED 25/3/20	HEAD NECK- LECTURE – TEMPORO-MANDIBULAR JOINT 33.3, 33.4, 33.5	REPRODUCTIVE -2 PY 9.2, 9.7, EFFECT OF CASTRATION ON PUBERTY (Lecture)	**Molecular biology 8** **BI7.4** **Describe applications of molecular technologies like recombinant DNA technology, PCR in the diagnosis and treatment of diseases with genetic basis.** **Lecture /SGD** (Lecture)	DISSECTION	PRACTICALS BI11.7 ESTIMATION OF CREATININE DOAP
THU 26/3/20		REPRODUCTIVE -3 PY 9.3, PY 9.5 MALE REPRODUCTIVE SYSTEM I (Lecture)	HEAD NECK- LECTURE SUB-MANDBULAR GLAND AND GANGLION 34.1, 34.2	DISSECTION	NORMA BASALIS
FRI 27/3/20		**Molecular biology 9** **BI7.4** **Describe applications of molecular**	HEAD NECK- LECTURE DEEP CERVICAL FASCIA, CERVICAL LYMPH NODES, FASCIAL SPACES	DISSECTION	INTEGRATED TEACHING

		technologies like recombinant DNA technology in the diagnosis and treatment of diseases with genetic basis. Lecture /SGD	35.1, 35.5, 35.10			
SAT 28/3/20		SYSTEMIC HISTOLOGY –CNS AN 64.1	REPRODUCTIVE -4 PY 9.3, 9.5 MALE REPRODUCTIVE SYSTEM II – TESTES (Lecture)	INTEGRATED TEACHING- Mutation		

APRIL 1

DAY/DATE	8-9	9-10	10-11	11-1	2-4	4-4
SUN 29/4/20						
MON 30/4/20	**Molecular biology 10 ,BI7.4** **Describe applications of molecular technologies like recombinant DNA technology in the diagnosis and treatment of diseases with genetic basis. Lecture /SGD**	EMBRYOLOGY	PRACTICAL PY4.10 CLINICAL EXAMINAITON OF ABDOMEN (Lecture)	DISSECTION	**PRACTICALS CENTRAL NERVOUS YSTEM AN 64.1 (DOAP)**	
TUE 31/4/20	REPRODUCTIVE -6 PY 9.4, 9.5 FEMALE	SDL-PCR	HEAD NECK- LECTURE	DISSECTION	PRACTICALS PY4.10 CLINICAL EXAMINAITON OF ABDOMEN (DOAP)	

	REPRODUCTIVE SYSTEM –I OVARIAN CYCLE (Lecture)		THYROID GLAND, CLINICAL ANATOMY 35.2, 35.8			
WED 1/4/20	HEAD NECK – LECTURE SUBCLAVIAN ARTERY, IJV, APPLIED35.3, 35.4, 35.9	REPRODUCTIVE -7 PY 9.4 , 9.5 FEMALE REPRODUCTIVE SYSTEM II MENSTRUAL CYCLE (Lecture)	**BI6.13, BI6.14 Describe the functions and hormone secreted by thyroid glands** Discuss tests to assess function of thyroid gland Lecture	DISSECTION	PRACTICALS 11.22 CALCULATE AG RATIO AND CERATININE CLERANCE SGD	
THU 2/4/20		REPRODUCTIVE -8 PY 9.8 – PHYSIOLOGY OF PREGNANCY (Lecture)	HEAD NECK- 35.7 – LECTURE GLOSSOPHARYNGEAL NERVE, VAGUS NERVE	DISSECTION	INTERIOR CRANIUM	
FRI 3/4/20		**BI6.15** Describe biochemical abnormalties& clinical features in hyperthyroidism Explain biochemical abnormalties& clinical features in hypothyroidism	HEAD NECK- LECTURE 35.7 – SPINAL ACCESSORY AND HYPOGLOSSAL NERVE	DISSECTION	INTEGRATED TEACHING Physiology of Pregnancy	
SAT 4/4/20		SYSTEMIC HISTOLOGY - REVISION SALIVARY GLANDS	REPRODUCTIVE -8PY 9.9 SEMEN ANALYSIS DOAP	INTEGRATED TEACHING- Interpretation of		

		AN 43.2		Thyroid function test		

APRIL 2

DAY/DATE	8-9	9-10	10-11	11-1	2-4	-4
SUN 5/4/20						
MON 6/4/20	**BI6.13, BI6.14** **Explain the functions and hormones secreted by adrenal glands** Explain the tests to assess function of adrenal gland Lecture		HOLIDAY		**PRACTICALS - REVISION SALIVARY GLANDS AN 43.2 (DOAP)**	
TUE 7/4/20	PY 9.8 PLACENTA – HORMONES (Lecture)	**BI6.15** Describe clinical features and biochemical defects in Cushing s syndrome, Conn's syndrome, Addisons disease Lecture/SGD	HEAD NECK- LECTURE - PALATINE TONSILS 36.1, 36.2, 36.4	DISSECTION	PRACTICALS REVISION PY4.10 CLINICAL EXAMINAITON OF ABDOMEN (DOAP)	
WED 8/4/20	HEAD NECK- SOFT PALATE LECTURE 36.1, 36.3, 36.5	REPRODUCTIVE -9 PY 9.8 PHYSIOLOGY OF LACTATION (Lecture)	Formative assessment – written	DISSECTION	PRACTICAL BI11. ESTIMATION OF BILIRUBIN DOAP	

THU 9/4/20		REPRODUCTIVE - 11REPRODUCTIVE - 10 PY 9.6 PHYSIOLOGY OF CONTRACEPTION (Lecture)	GENETICS -01 LECTURE – CHROMOSOMES 73.1	DISSECTION	SEMINAR/SDL TONSILLITIS	
FRI 10/4/20		13.9 DIABETES MELLITUS-1 Lecture	GENETICS -02 LECTURE – KARYOTYPING AND LYON'S HYPOTHESIS 73.2,73.3	DISSECTION CERVICAL VERTEBRAE X RAY SG /SDL /ECE	INTEGRATED TEACHING ECE – INFERTILITY CLINICS	
SAT 11/4/20		SYSTEMIC HISTOLOGY - REVISION	REPRODUCTIVE -12 HOMONAL CHANGES IN PERIMENOPAUSE AND MENOPAUSE	INTEGRATED TEACHING- interpretation of adrenal function test		

APRIL 3

DAY/DATE	8-9	9-10	10-11	11-1	1-2	2-4
SUN 12/4/20						
MON 13/4/20	SDL- Transcription and post transcription modification	EMBRYOLOGY GIT	PRACTICAL (Lecture)	DISSECTION	PRACTICALS REVISION	
TUE 14/4/20	REPRODUCTIVE -13 STUDENTS SEMINAR	**BI7.6** **Describe the anti-oxidant defence systems in the body.** -1	GENETICS -03 LECTURE MODES OF INHERITANCE 74.1, 74.2	DISSECTION SURFACE SG /SDL	PRACTICALS REVISION ERGOGRAPHY, SPIROMETRY, STETHOGRAPHY (DOAP)	
WED 15/4/20			**BI7.6**	DISSECTION	PRACTICALS BI 11.19	

		REPRODUCTIVE -15 FORMATIVE ASSESSMENT	**Describe the anti-oxidant defence systems in the body. -2**		PRINCIPALS OF INSTRUMENT USED IN BIOCHEMISTRY LAB LECTURE	
THU 16/4/20	GENETICS -04 LECTURE MULTIFACTORIAL INHERITANCE WITH EXAMPLES AND ITS GENETIOC BASIS. 74.3, 74.4	CNS -1 PY 10.1 INTRODUCTION TO CNS (Lecture)	**Describe the anti-oxidant defence systems in the body.**	DISSECTION	IT – PARANASAL SINUSES LARYNGITIS	
FRI 17/4/20		CHEMISTRY OF PROTEINS-1 BI5.1 **Describe and discuss structural organization of proteins. Lecture**	HEAD NECK- LECTURE – NASAL SEPTUM, LATERAL WALL NOSE 37.1	DISSECTION	INTEGRATED TEACHING CNS INTRODUCTION	
SAT 18/4/20		SYSTEMIC HISTOLOGY - REVISION	CNS -2 PY 10.2 SYNAPSE – PROPERTIES (Lecture)	INTEGRATED TEACHING- Diabetes mellitus		

APRIL 4

DAY/DATE	8-9	9-10	10-11	11-1	1-2	2-4
SUN 19/4/20						
MON 20/4/20	CHEMISTRY OF PROTEINS-2 BI5.1 **Describe and discuss structural**	EMBRYOLOGY GIT	PRACTICALS (Lecture)	LUMBAR VERTEBRAE& SACRUM	PRACTICALS (DOAP) REVISION	

	organization of proteins. Lecture				
TUE 21/4/20	CNS -4 PY 10.2 SYNAPSE TRANSMISSION (Lecture)	CHEMISTRY OF PROTEINS-3 BI5.2 **Describe and discuss functions of proteins and structure-function relationships in relevant areas eg, hemoglobin and selected hemoglobinopathies Lecture**	HEAD NECK- LECTURE PARANASAL SINUSES 37.2, 37.3	DISSECTION	PRACTICALS REVISION GPE, PERIPHERAL PULSES (DOAP)
WED 22/4/20	GENETICS – 05 LECTURE CHROMOSOMAL ABERRATIONS 75.1, 75.2	CNS -5, PY 10.2 SENSORY SYSTEM RECEPTORS, PROPERTIES, ADEQUATE STIMULUS. (Lecture)	CHEMISTRY OF PROTEINS-4 BI5.2	DISSECTION	PRACTICALS BI11.16 PAPER CHROMATOGRAPHY OF AMINO ACIDS DEMO
THU 23/4/20		CNS -6 PY 10.3 SENSORT TRACTS- DORSAL COLUMN (Lecture)	HEAD NECK- LECTURE - LARYNX 38.1, 38.2, 38.3	DISSECTION	SURFACE MARKING, RADIOLOGY - HNF
FRI 24/4/20		CHEMISTRY OF PROTEINS-5 BI5.2	HEAD NECK- LECTURE TONGUE 39.1, 39.2	DISSECTION	INTEGRATED TEACHING- SENSORY SYSTEM

SAT 25/4/20		SYSTEMIC HISTOLOGY (Lecture) FORMATIVE ASSESSMENT	CNS -7 PY 10.3 SENSORY TRACTS OTHER, HOMUNCULUS, PHANTOM LIMB (Lecture)	INTEGRATED TEACHING- BIOCHEM Anemia		

APRIL 5 MAY 1

DAY/DATE	8-9	9-10	10-11	11-1	2-4	4-4
SUN 26/4/20						
MON 27/4/20	CHEMISTRY OF PROTEIN-6 BI5.2	EMBRYOLOGY GIT	PRACTICALS PY10.11 SENSORY SYSTEM (Lecture)	DISSECTION	**PRACTICALS (DOAP)** **FORMATIVE ASSESSMENT**	
TUE 28/4/20	CNS -8 PY 10.3 PAIN PATHWAY I (Lecture)	METABOLISM OF AMINO ACIDS-1BI5.3 **Describe the digestion and absorption of dietary proteins.** **Lecture**	GENETICS -06 LECTURE 75.3, 75.4 GENETIC BASIS & CLINICAL FEATURES OF CHROMOSOMAL DISORDERS AND GENETIC VARIATIONS.	DISSECTION	PRACTICALS PY10.11 CLINICAL EXAMINATION OF SENSORY SYSTEM (DOAP)	
WED 29/4/20	GENETICS – 07 LECTURE GENETIC COUNSELLING 75.5	CNS -9 PY 10.3 PAIN PATHWAY II (Lecture)	METABOLISM OF AMINO ACIDS-2-BI5.4 **Describe common disorders associated with protein metabolism.**	DISSECTION	PRACTICALS BI11.8 ESTIMATION OF TOTAL PROTEIN DOAP	

			Lecture			
THU 30/4/20		CNS -10, PY 10.4 MOTOR SYSTEM TRACTS (Lecture)	GENETICS – 08 INTEGRATED TEACHING – GENETIC DISORDERS 74.4, 75.3	DISSECTION	IT – CAROTID AND VERTEBRAL ANGIOGRAPHY ECE	
FRI 1/5/20		METABOLISM OF AMINO ACIDS-3 BI5.4 **Describe common disorders associated with protein metabolism.** **Lecture**	HEAD NECK-LECTURE – EXTERNAL EAR 40.1	DISSECTION	ECE- SENSORY CASE	
SAT 2/5/20		SYSTEMIC HISTOLOGY FORMATIVE ASSESSMENT	CNS -11, PY 10.4, 10.6, SPINAL CORD HEMISECTION TABES DORSALIS (Lecture)	INTEGRATED TEACHING-BIOCHEM Hemoglobinopathies		

MAY 1

DAY/DATE	8-9	9-10	10-11	11-1	2-4	4-4
SUN 3/5/20						

MON 4/5/20	METABOLISM OF AMINO ACIDS-4 BI5.4 **Describe common disorders associated with protein metabolism.** **Lecture**	EMBRYOLOGY GIT	HOLIDAY	DISSECTION	**PRACTICALS (DOAP)** **FORMATIVE ASSESSMENT**
TUE 5/5/20	CNS -12 PY 10.4 MUSCLE SPINDLE (Lecture)	METABOLISM OF AMINO ACIDS-5 BI5.4 **Describe common disorders associated with protein metabolism.** **Lecture**	HEAD NECK- LECTURE – MIDDLE EAR, AUDITORY TUBE 40.2	DISSECTION	PRACTICALS PY10.11 CLINICAL EXAMINATION OF SENSORY SYSTEM (DOAP)
WED 6/5/20	HEAD NECK- EAR – LECTURE INTERNAL EAR AND CLINICAL ANATOMY 40.3, 40.4, 40.5	CNS 13 PY 10.4 STRETCH REFLEX, CROSSED EXTENSOR REFLEX. (Lecture)	METABOLISM OF AMINO ACIDS-6 BI5.4 **Describe common disorders associated with protein metabolism.** **Lecture**	DISSECTION	PRACTICALS BI11.8 ESTIMATION OF ALBUMIN (DOAP)
THU 7/5/20		CNS -14 PY 10.4 ROLE OF GAMMA MOTOR NEURON (Lecture)	HEAD NECK- LECTURE INTRA-OCULAR MUSCLES, CATARACT, GLAUCOMA, CRAO 41.1, 41.2, 41.3	DISSECTION	SEMINAR /SDL &ECE DIAPHRAGM

FRI 8/5/20		METABOLISM OF AMINO ACIDS-7 BI5.4 **Describe common disorders associated with protein metabolism.** **Lecture**	HEAD NECK – LECTURE – SUB-OCCIPITAL REGION 42.2, 42.3	DISSECTION	INTEGRATED TEACHING- CASE- STROKE	
SAT 9/5/20		SYSTEMIC HISTOLOGY REVISION	CNS 15 PY 10.5 AUTONOMIC NERVOUS SYSTEM I	INTEGRATED TEACHING-		

MAY 2

DAY/DATE	8-9	9-10	10-11	11-1	1-2	2-4
SUN 10/5/20						
MON 11/5/20	METABOLISM OF AMINO ACIDS-8 BI5.4 **Describe common disorders associated with protein metabolism.** **Lecture**	EMBRYOLOGY URINARY SYS	PRACTICALS PY10.11 CLINICAL EXAMINATION OF MOTOR SYSTEM (Lecture)	DISSECTION	**PRACTICALS (DOAP)** **REVISION**	
TUE 12/5/20	CNS 16 PY 10.5 AUTONOMIC NERVOUS SYSTEM.		HEAD NECK – LECTURE ATLANTO-OCCIPITAL AND	DISSECTION	PRACTICALS PY10.11 CLINICAL EXAMINATION OF MOTOR SYSTEM (DOAP)	

		METABOLISM OF AMINO ACIDS-9 BI5.5 **Interpret laboratory results of analytes associated with metabolism of proteins. Lecture**	ATLANTO-AXIAL JOINTS 43.1		
WED 13/5/20	HEAD NECK – SMALL GROUP DISCUSSION TESTING OF EXTRAOCULAR MUSCLES, MUSCLES OF MASTICATION. 43.5	CNS 17 PY 10.7 CEREBRAL CORTEX -I	METABOLISM OF AMINO ACIDS-10 BI5.5 **Interpret laboratory results of analytes associated with metabolism of proteins. Lecture/SGD**	DISSECTION	PRACTICALS BI 11.5 SCREENING OF INBORN ERROR BY PAPER CHROMATOGRAPHY LECTURE
THU 14/5/20		CNS 18 10.7 CEREBRAL CORTEX II	GENETICS – 09 FORMATIVE ASSESSMENT WRITTEN TEST	DISSECTION	IT LIVER &ECE
FRI 15/5/20		SDL-inborn errors of aromatic amino acids	GENETICS – 10 / HNF FORMATIVE ASSESSMENT WRITTEN TEST	DISSECTION	ECE-CINICAL CASE- STROKE
SAT 16/5/20		SYSTEMIC HISTOLOGY REVISION	CNS 19 PY 10.4 MUSCLE TONE	INTEGRATED TEACHING-	

				Disorders associated with protein metabolism	

MAY 3

DAY/DATE	8-9	9-10	10-11	11-1	1-2	2-4
SUN 17/5/20						
MON 18/5/20	INTEGRATION OF METABOLISM-1	EMBRYOLOGY URINARY SYS	PRACTICALS PY10.11 CLINICAL EXAMINATION OF REFLEXES (Lecture)	DISSECTION	**PRACTICALS (DOAP) REVISION**	
TUE 19/5/20	CNS 20 PY 10.4 PHYSIOLOGY OF POSTURE (LECTURE)	INTEGRATION OF METABOLISM-2 (Lecture)	NEUROANATOMY – LECTURE MENINGES 56.1	DISSECTION	PRACTICALS PY10.11 CLINICAL EXAMINATION OF REFLEXES (DOAP)	
WED 20/5/20	NEUROANATOMY-LECTURE – CSF CIRCULATION 56.2	CNS 21 PY 10.7 CEREBELLUM –I (Lecture)	SDL-17	DISSECTION	PRACTICALS BI11.15 COMPOSITION OF CSF SGD	
THU 21/5/20		CNS 22 PY 10.7 CEREBELLUM II (Lecture)	NEUROANATOMY-LECTURE – EXTERNAL FEATURES OF SPINAL CORD 57.1, 57.2, 57.3	DISSECTION	IT - REPRODUCTIVE SYSTEM ECE	
FRI			NEUROANATOMY-	DISSECTION	INTEGRATED TEACHING	

22/5/20	REPRO-12	XENOBIOTICS-1 BI7.5 **Describe the role of xenobiotics in disease** **Lecture**	LECTURE – ASCENDING AND DESCENDING AND SYRINGLMYELIA TRACTS – 57.4		ANS	
SAT 23/5/20		SYSTEMIC HISTOLOGY (Lecture) REVISION	CNS 23 PY 10.7 CEREBELLUM III (Lecture)	INTEGRATED TEACHING- Complications of diabetes mellitus		

MAY 5

DAY/DATE	8-9	9-10	10-11	11-1	2-4	4-4
SUN 24/5/20						
MON 25/5/20	XENOBIOTICS-2 BI 7.5 **Describe the role of xenobiotics in disease** **Lecture**	EMBRYOLOGY REPRODUCTIVE SYS (Lecture)	PRACTICALS PY10.11 CLINICAL EXAMINATION OF CN I-XII (Lecture)	DISSECTION	**PRACTICALS (DOAP) REVISION**	
TUE 26/5/20	CNS 24 PY 10.7 BASAL GANGLIA –I (Lecture)	NUTRITION-1 BI 8.1 Discuss the importance of various dietary components and explain importance of dietary fibre. Define dietary fibre& RDA	NEUROANATOMY – LECTURE – MEDULLA OBLONGATA – EXTERNAL FEATURES 58.1, 58.2, 58.3.	DISSECTION	PRACTICALS PY10.11 CLINICAL EXAMINATION OF CN I-VI (DOAP)	

		List out various types of dietary fibre with few example for each type Mention various functions of dietary fibre and its clinical importance Lecture			
WED 27/5/20	NEUROANATOMY-LATERAL AND MEDIAL MEDULLARY SYNDROME – LECTURE – 58.4	CNS 25 PY 10.7 BASAL GANGLIA- II	<u>NUTRITION-2</u> <u>BI 8.2</u> Describe the types and causes of protein energy malnutrition and its effects. Describe PEM & types List out various causes of PEM Mention various clinical features and biochemical alteration in PEM Mention the treatment modalities in PEM	<u>DISSECTION</u>	<u>PRACTICALS</u> <u>PRACTICAL REVISION</u>
THU 28/5/20		CNS 26 PY 10.7 HYPOTHALAMUS-I	NEUROANATOMY-LECTURE – EXTERNAL FEATURES – PONS	<u>DISSECTION</u>	<u>SEMINAR/SDL - CEREBELLUM</u>

			59.1, 59.2, 59.3			
FRI 29/5/20		NUTRITION-3 BI8.3 Understand nutritional importance and requirements of carbohydrates, protein and lipid for the body. Describe Basal Metabolic Rate(BMR), Net Protein Utilization (NPU), Biological Value, BV and Glycemic Index (GI) Calculate calorie requirement and prescribe a Balance diet chart for an healthy individual. **Lecture**	NEUROANATOMY – LECTURE – EXTERNAL AND INTERNAL FEATURES OF CEREBELLUM 60.1, 60.2, 60.3	DISSECTION	INTEGRATED TEACHING-CEREBELLUM	
SAT 30/5/20		SYSTEMIC HISTOLOGY (Lecture) REVISION	CNS -27 PY 10.7 HYPOTHALAMUS-II-FUNCTION. (Lecture)	INTEGRATED TEACHING-PEM		

JUNE 1

DAY/DATE	8-9	9-10	10-11	11-1	2-4	4-4
SUN 31/5/20						
MON 1/6/20	NUTRITION-4 BI8.4 Define obesity & classify it based on BMI List out various causes of obesity Mention the health risk associated with obesity Describe Treatment modalities for obesity (Lecture)	EMBRYOLOGY REPRODUCTIVE SYS (Lecture)	CNS-28 PY 10.7 RETICULAR FORMATION (lecture)	DISSECTION	**PRACTICALS (DOAP) REVISION**	
TUE 2/6/20	CNS 29 PY 10.8 SLEEP & WAKEFULLNESS. (Lecture)	NUTRITION-5 BI 8.5 Mention importance carbohydrates and its daily requirements. Mention importance lipid and its recommended daily intake List the foods rich in essential fattyacids and their functions. Mention importance of dietary Proteins	NEUROANATOMY – LECTURE – MIDBRAIN – EXTERNAL AND INTERNAL FEATURES 61.1, 61.2, 61.3	DISSECTION	PRACTICALS PY10.11 CLINICAL EXAMINATION OF CN VII-XII (DOAP)	

		List the essential amino acids Describe the nitrogen balance of body			
WED 3/6/20	NEUROANATOMY-LECTURE – CRANIAL NERVE NUCLEI WITH FUNCTIONAL COMPONENT 62.1 (Lecture)	CNS 30 PY 10.8 EEG (Lecture)	SDL-18	DISSECTION	PRACTICALS BI11.16 ELECTROPHOROSIS OF PROTEIN DEMO
THU 4/6/20		CNS 31 PY 10.7 LIMBIC SYSTEM, EMOTIONS. (Lecture)	NEUROANATOMY-LECTURE – DEMONSTRATE SULCI, GYRI, POLES AND FUNCTIONAL AREAS OF CEREBRUM 62.2 (Lecture)	DISSECTION	SEMINAR/SDL – BRAINSTEM
FRI 5/6/20		IMMUNITY-1 BI 10.3 **List the cells involved in cellular immunity** **Explain the process of cellular immunity** **List the cells involved in humoral immunity** **Explain the process involved in**	NEUROANATOMY – LECTURE – WHITE MATTER OF CEREBRUM 62.3 (Lecture)	DISSECTION	INTEGRATED TEACHINGBASAL GANGLIA.

		humoral cell reponse **Classify Immuoglobulins** **Explain the general structure of Immunoglobulin G** **Decribe the functions of various Immonoglobulin types** **SGD**				
SAT 6/6/20		SYSTEMIC HISTOLOGY (Lecture) REVISON	CNS 32 PY 10.7 CSF- FORMATION DRAINAGE & CIRCULATION. (Lecture)	INTEGRATED TEACHING- Macro molecules and its importance		

JUNE 2

DAY/DATE	8-9	9-10	10-11	11-1	2-4
SUN 7/6/20					
MON 8/6/20	IMMUNITY-2 BI 10.4 **Describe the componnets of innate immunity** **Describe adaptive immune reponse** **List the differences between Innate and adaptive immunity**	EMBRYOLOGY (Lecture)	CNS 33 PY 10.4 VESTIBULAR APPARATUS. (Lecture)	DISSECTION	**PRACTICALS (DOAP)** **REVISION**

	Explain the mechanism of self recognition **Explain the mechanism of non - self recognition** **describe the role of T helper cells in immune response** **Lecture**				
TUE 9/6/20	CNS 34- PY 10.9 LEARNING & MEMORY (Lecture)	METABOLISM OF CANCER-1 BI 10.1 **Describe the cancer initiation, promotion oncogenes & oncogene activation. Also focus on p53 & apoptosis** **Lecture**	NEUROANATOMY-LECTURE – PARTS AND CONNECTIONS OF BASAL GANGLIA AND LIMBIC LOBE 62.4 (Lecture)	DISSECTION	PRACTICALS EXMAINATION OF CEREBELLAR FUNCTIN (DOAP)
WED 10/6/20	NEUROANATOMY – LECTURE THALAMUS, EPITHALAMUS, METATHALAMUS, SUBTHALAMUS 62.5 (Lecture)	CNS 35- PY 10.9 LANGUAGE & SPEECH (Lecture)	METABOLISM OF CANCER-2 BI 10.2 **Describe various biochemical tumor markers and the biochemical basis of cancer therapy.** (Lecture)	DISSECTION	PRACTICALS REVISION
THU 11/6/20		CNS 36 PY 10.7 THALAMUS. (Lecture)	NEUROANATOMY – LECTURE HYPOTHALAMUS 62.5	DISSECTION	PELVIS IT

			(Lecture)		
FRI 12/6/20		SDL-19 IMMUNOGLOBULINS (Lecture)	NEUROANATOMY – LECTURE CIRCLE OF WILLIS – FORMATION, BRANCHES, DISTRIBUTION 62.6 (Lecture)	DISSECTION	ECE- PARKINSONS DISEASE.
SAT 13/6/20		HISTOLOGY (Lecture) REVISION	PY 10.17 SPECIAL SENSES-1 EYE PHYSIOLOGICAL ANATOMY (Lecture)	INTEGRATED TEACHING-TUMOR MARKERS	

JUNE 3

DAY/DATE	8-9	9-10	10-11	11-1	2-4
SUN 14/6/20					
MON 15/6/20	VACCINE DEVELOPMENT-1 BI 10.5 **Describe antigens and concepts involved in vaccine development.** **Lecture** (Lecture)	NEUROANATOMY – LECTURE – LATERAL AND THIRD VENTRICLE 63.1 (Lecture)	PY 10.17 SPECIAL SENSES 2-OPTICS (Lecture)	REVISION	**PRACTICALS (DOAP)** **REVISION**
TUE 16/6/20	PY 10.18 SPECIAL SENSES 3 PHOTOCHEMISTRY OF VISION (Lecture)	VACCINE DEVELOPMENT-2 BI 10.5 **Describe antigens and concepts involved in vaccine development.** **Lecture**	NEUROANATOMY – LECTURE – FOURTH VENTRICLE 63.1 (Lecture)	REVISION	PRACTICALS PY10.20 CLINICAL EXAMINATION OF VISUAL ACUITY, COLOUR AND FIELD OF VISION (DOAP)

		(Lecture)			
WED 17/6/20	NEUROANATOMY- INTEGRATED TEACHING – CEREBELLAR DYSFUNCTION	PY 10.18 SPECIAL SENSES 4- NEUROPHYSIOLOGY OF VISION. (Lecture)	AUTOMATION AND QUALITY CONTROL-1	REVISION	PRACTICALS REVISION
THU 18/6/20		10.18 SPECIAL SENSES 5 GLAUCOMA, APPLIED. (Lecture)	NEUROANATOMY- INTEGRATED TEACHING – CIRCLE OF WILLIS – FORMATION, BRANCHES, DISTRIBUTION.	REVISION	HTDROCEPHALUS – INTEGRATED TEACHING
FRI 19/6/20		AUTOMATION AND QUALITY CONTROL-2	NEUROANATOMY – INTEGRATED TEACHING- THALAMUS –MAJOR NUCLEI AND CONNECTIONS	REVISION	ECE- OPTHALMOLOGY
SAT 20/6/20	HISTOLOGY – REVISION (LECTURE)	NEUROANATOMY - REVISION	10.15 SPECIAL SENSES 6 EAR- FUNCTIONAL ANATOMY (Lecture)	INTEGRATED TEACHING- BIOCHEM	

JUNE 4

DAY/DATE	8-9	9-10	10-11	11-1	2-4
SUN 21/6/20					

MON 22/6/20	BIOMEDICAL WASTE MANAGEMENT-1	EMBRYOLOGY (Lecture)	10.16 SPECIAL SENSES 7 – PHYSIOLOGY OF HEARING. (Lecture)	DISSECTION	**PRACTICALS (DOAP) -REVISION**
TUE 23/6/20	10.16 SPECIAL SENSES 8 – APPLIED, HEARING DEFECTS. (Lecture)	BIOMEDICAL WASTE MANAGEMENT-2	NEUROANATOMY – INTEGRATED TEACHING – MEDULLA AND PONTINE SYNDROMES	PRACTICALS REVISION PY10.20 CLINICAL EXAMINATION OF VISUAL ACUITY, COLOUR AND FIELD OF VISION (DOAP)	
WED 24/6/20	NEUROANATOMY – INTEGRATED TEACHING - MIDBRAIN SYNDROMES	PY 10.13, 10.14 SPECIAL SENSES 9 PHYSIOLOGY OF SMELL (Lecture)	SDL-20	DISSECTION	PRACTICAL REVISION
THU 25/6/20		PY 10.13,10.14 SPECIAL SENSES 10 PHYSIOLOGY OF TASTE (Lecture)	NEUROANATOMY – FORMATIVE ASSESSMENT WRITTEN TEST	DISSECTION	
FRI 26/6/20		INTEGRATED TEACHING-	NEUROANATOMY - FORMATIVE ASSESSMENT WRITTEN TEST	DISSECTION	ECE- HEARING TESTS AUDIOMETRY.
SAT 27 /6/20	HISTOLOGY (Lecture) - REVISION		CNS-FORMATIVE ASSESSMENT WRITTEN TEST.	INTEGRATED TEACHING-BIOCHEM	

JUNE 5 JULY 1

DAY/DATE	8-9	9-10	10-11	11-1	1-2	2-4

SUN 28/6/20						
MON 29/6/20	INTEGRATED TEACHING-BIOCHEM	INTEGRATED TEACHING-ANATOMY	PY11.1 Mechanismof temperature regulation (LECTURE)	DISSECTION		**PRACTICALS - REVISION (DOAP)**
TUE 30 /6/20	PY11.2 Mechanism of adaptation to heat & cold (LECTURE)	INTEGRATED TEACHING-BIOCHEM	INTEGRATED TEACHING-ANATOMY	DISSECTION	PRACTICALS REVISION PY10.11, 10.20EXAMINAITON OF CNS	
WED 1/7/20	INTEGRATED TEACHING-ANATOMY	PY11.3Mechanism Of Fever, Cold Injuries And Heat Stroke	INTEGRATED TEACHING-BIOCHEM	DISSECTION	PRACTICAL REVISION	
THU 2/7 /20		PY11.4Cardio-respiratory &metabolic adjustments during exercise PY11.4Changes with physical training (lecture)	INTEGRATED TEACHING-ANATOMY	DISSECTION		
FRI 3/7/20		INTEGRATED TEACHING-BIOCHEM	INTEGRATED TEACHING-ANATOMY	DISSECTION		PY11.4Changes with physical training (lecture)
SAT 4/7/20	INTEGRATED TEACHING-ANATOMY		PY11.5 Physiological changes with sedentary life style (lecture)	INTEGRATED TEACHING-BIOCHEM		

JULY 2

DAY/DATE	8-9	9-10	10-11	11-1	1-2	2-4
SUN 5/7/20						
MON 6/7/20			PY11.6 Physiology of infancy (lecture)			**PRACTICALS - REVISION**
TUE 7/7/20	PY11.7 Physiology of ageing (lecture)				PRACTICALS REVISION PY10.11, 10.20EXAMINAITON OF CNS	
WED 8/7/20		PY11.8 Cardio-respiratory changes in exercise (isometric and isotonic) with that in the resting state and under different environmental conditions (heat and cold) (lecture)			PRACTICAL REVISION	
THU 9/7/20		PY11.9 Interpretation of growth charts (SGD)				
FRI 10/7/20					PY11.10 Anthropometric assessment of infants (SGD)	PY11.11 Brain death & its implication (LECTURE)

SAT 11/7/20			PY11.12 Physiological effects of meditation (LECTURE)			

JULY -3 THIRD INTERNAL ASSESSMENT EXAM [PROBABLE DATES]

DAY/DATE	8-9	9-10	10-11	11-1	1-2	2-4
SUN 12/7/20						
MON 13/7/20						
TUE 14/7/20						
WED 15/7/20						
THU 16/7/20						
FRI 17/7/20						

SAT 18/7/20						

Topics for integration

Anatomy			Physiology	Biochemistry
Region	Topic	System	Topic	Topic
Upper Limb	Nerve Injuries, Nerve Blocks –Ul	N-M	Muscle Structure	Energy source and muscle metabolism
	Bone Injuries –Ul			
	Mammary Gland		Lactation.	
Lower Limb	Nerve Injuries Ll			
	Knee Joint			
Thorax	Heart		Functional Anatomy, Structure	
	Heart		Conduction System	
	Lung		Bronchopulmonary Segments	
	Lung		Pulmonary Function Tests	
Head Neck Face	Thyroid		Thyroid Function Tests	Interpretation of thyroid function test
	Pituitary		Pituitary Gland.	

	Vision		Optics	
	Hearing		Physiology Of Hearing	
	Cranial Nerves 3,4,6		Cranial Nerves	
	Cranial Nerve 5,7		Cranial Nerves	
	Cranial Nerve Testing Sensory and Motor			
Brain	Spinal Cord		Spinal Cord	
	Sensory And Motor Tracts		Sensory and Motor Tracts	
	Cerebellum		Cerebellum	
	Basal Ganglia		Basal Ganglia	
	Thalamus		Thalamus	
	Hypothalamus		Hypothalamus	
	Limbic System		Limbic System	
	Cerebrum -Functional Loalization		Cerebrum -Functional Loalization	
	Cerebrum Blood Supply And Applied		Cerebrum Blood Supply And Applied	
Abdomen Pelvis	Anterior Abdomen Wall, Incisions			
	Inguinal Hernias			

	Liver		Liver	Liver function test
	Pancreas		Pancreas	Pancreatic function test
	Adrenals		Adrenals	Adrenal function test
	Sex Determination		Sex Determination	
	Male Reproductive Sys		Male Reproductive Sys	
	Female Reproductive Sys		Female Reproductive Sys	
	Kidney		Kidney	Renal function test
Embryology And Genetics	Placenta		Physiology Of Pregnancy	
	Teratogenesis			
	Congenital Anomalies Cvs			
	Congenital Anomalies Git			
	Sex Determination			
	Chromosomal Aberrations Syndromes			
	Genetic Counselling			