BLOCK III –BATCH 2019-20

Week 1 – 2nd Jan to 4th Jan

Time	Mon	Tue	Wed	Thus 2nd Jan	Fri 3rd Jan	Sat 4th Jan
8 -9am				Internal assessment Anatomy	Physiology IA	Internal assessment Biochemistry
9 – 10am				BI 3.6 DESCRIBE AND DISCUSS CONCEPT OF TCA CYCLE	AN 49.1 Describe & demonstrate the superficial & deep perineal pouch	PY4.2 Describe the composition, mechanism of secretion, functions, and regulation of saliva secretion. Integration with Biochemistry
10-11am				PY4.1 Describe the structure and functions of digestive system. Integration with Anatomy	SGT PY4.10 Demonstrate the correct clinical examination of the abdomen in a normal volunteer or simulated environment	AETCOM Communication skills
11 – 1pm				BI 11.16 PROTEIN ELECTROPHORESIS	PY5.12 Record blood pressure & pulse at rest and in different postures in a volunteer or simulated environment	AN 49.3 Describe & demonstrate Perineal membrane in male & female
1-2 PM						

2- 4pm				AN 50.2 Describe & demonstrate the type, articular ends, ligaments and movements of Intervertebral joints, Sacroiliac joints & Pubic symphysis	AN 51.2 Describe & identify the midsagittal section of male and female pelvis	Sports

Week 1 summary:

Anatomy –
Lecture – 1h
SGT/Practical – 6h
ECE -0
SDL 0

Physiology –
Lecture – 2h
SGT/Practical – 3h
ECE - 0
SDL - 0

Biochemistry –
Lecture – 1h
SGT/Practical – 2h
ECE -0
SDL 0

CM –
Lecture 0
SGT/Practical 0
ECE 0
SDL 0

AETCOM 1h

Week 2 – 6th to 11th Jan

Time	Mon 6th	Tue 7th	Wed 8th	Thus 9th	Fri 10th	Sat 11th
8 -9am	Theory IA	PY4.2 Describe the composition, mechanism of secretion, functions, and regulation of gastric secretion. Integration with Biochemistry	BI 3.9 MECHANISM AND SIGNIFICANCE OF BLOOD GLUCOSE REGULATION IN HEALTH AND DISEASE	AN 48.6 Describe the neurological basis of Automatic bladder	PY4.2 Describe the composition, mechanism of secretion, functions, and regulation of intestinal juices secretion. Integration with Biochemistry	SDL Portal circulation
9 – 10am	Theory IA	AN 48.5 Explain the anatomical basis of suprapubic cystostomy, Urinary obstruction in benign prostatic hypertrophy, Retroverted uterus, Prolapse uterus, Internal and external haemorrhoids, Anal fistula, Vasectomy, Tubal pregnancy & Tubal ligation	CM lecture CM1.4 Describe and discuss the natural history of disease	BI 3.10 INTERPRET RESULTS OF BLOOD GLUCOSE LEVELS AND OTHER LABORATORY INVESTIGATIONS RELATED TO DISORDERS OF CARBOHYDRATE METABOLISM	AN 48.7 Mention the lobes involved in benign prostatic hypertrophy & prostatic cancer	ECE AN 74.4 Describe the genetic basis & clinical features of Achondroplasia, Cystic Fibrosis, Vitamin D resistant rickets, Haemophilia, Duchene's muscular dystrophy & Sickle cell anaemia

10-11am	Theory IA	BI 3.5 REGULATION, FUNCTION AND INTEGRATION OF CARBOHYDRATE METABOLISM	AN 48.5 Explain the anatomical basis of suprapubic cystostomy, Urinary obstruction in benign prostatic hypertrophy, Retroverted uterus, Prolapse uterus, Internal and external haemorrhoids, Anal fistula, Vasectomy, Tubal pregnancy & Tubal ligation	PY4.2 Describe the composition, mechanism of secretion, functions, and regulation of gastric secretion. Integration with Biochemistry	PY4.2 Describe the composition, mechanism of secretion, functions, and regulation of pancreatic juices secretion. Integration with Biochemistry	ECE Jaundice case demonstration
11 – 1pm	PY5.5 Describe the physiology of electrocardiogram (E.C.G), its applications and the cardiac axis. Integration with General Medicine	BI 11.16 TLC AND PAGE	PY5.5 Describe the physiology of electrocardiogram (E.C.G), its applications and the cardiac axis. Integration with General Medicine	BI 6.8 DISCUSS AND INTERPRET RESULTS OF ABG IN VARIOUS DISORDERS BI 11.16 ABG ANALYSER	PY5.6 Describe abnormal ECG, arrythmias, heart block and myocardial Infarction. Integration with Anatomy and General Medicine	AN 49.4 Describe & demonstrate boundaries, content & applied anatomy of Ischiorectal fossa
1-2 PM						

2- 4pm	AN. 52.1 Describe & identify the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, Pylorus of stomach, Duodenum, Jejunum, Ileum, Large intestine, Appendix, Liver, Gall bladder, Pancreas & Suprarenal gland	AN. 52.1 Describe & identify the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, Pylorus of stomach, Duodenum, Jejunum, Ileum, Large intestine, Appendix, Liver, Gall bladder, Pancreas & Suprarenal gland	AN. 52.1 Describe & identify the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, Pylorus of stomach, Duodenum, Jejunum, Ileum, Large intestine, Appendix, Liver, Gall bladder, Pancreas & Suprarenal gland	AN 52.2 Describe & identify the microanatomical features of: Urinary system: Kidney, Ureter & Urinary bladderMale Reproductive System: Testis, Epididymis,Vas deferens, Prostate &penis Female reproductive system: Ovary, Uterus, Uterine tube, Cervix,placenta & Umbilical cord	AN 52.2 Describe & identify the microanatomical features of: Urinary system: Kidney, Ureter & Urinary bladderMale Reproductive System: Testis, Epididymis,Vas deferens, Prostate &penis Female reproductive system: Ovary, Uterus, Uterine tube, Cervix,placenta & Umbilical cord	Sports

Week 2 summary:

Anatomy –
Lecture – 4h
SGT/Practical – 12h
ECE -1h
SDL 0

Physiology –
Lecture – 2h
SGT/Practical – 6h
ECE – 1h
SDL – 1h

Biochemistry –
Lecture – 3h
SGT/Practical – 4h
ECE -0
SDL 0

CM –

Lecture 1
SGT/Practical 0
ECE 0
SDL 0

AETCOM 0h

Week 3 – 13th to 18th Jan

Time	Mon 13th	Tue 14th	Wed 15th	Thus 16th	Fri 17th	Sat 18th
8 -9am	AN 48.8 Mention the structures palpable during vaginal & rectal examination	PY4.3 Describe GIT movements, regulation and functions. Describe defecation reflex. Explain role of dietary fibre.	BI 4.2 DISGESTION AND ABSORPTION OF DIETARY LIPID	AN 50.4 Explain the anatomical basis of Scoliosis, Lordosis, Prolapsed disc, Spondylolisthesis & Spina bifida	PY4.4 Describe the physiology of digestion and absorption of nutrients. Integration with Biochemistry	AETCOM Communication skills Role play
9 – 10am	PY4.2 Describe the composition, mechanism of secretion, functions, and regulation of bile secretion. Integration with Biochemistry	AN 49.5 Explain the anatomical basis of Perineal tear, Episiotomy, Perianal abscess and Anal fissure	CM lecture CM1.5 Describe the application of interventions at various levels of prevention	BI 4.2 OXIDATION OF FATTY ACID	AN 51.2 Describe & identify the midsagittal section of male and female pelvis	ECE AN 75.3 Describe the genetic basis & clinical features of Prader Willi syndrome, Edward syndrome & Patau syndrome
10-11am	AN 48.1 Describe & identify the muscles of Pelvic diaphragm	PY4.4 Describe the physiology of digestion and absorption of nutrients. Integration with Biochemistry	AN 50.3 Describe lumbar puncture (site, direction of the needle, structures pierced during the lumbar puncture)	PY4.3 Describe GIT movements, regulation and functions. Describe defecation reflex. Explain role of dietary fibre.	BI 4.2 KETONE BODY METABOLISM	ECE Charts for diagnosing different types of jaundice

11 – 1pm	PY5.6 Describe abnormal ECG, arrythmias, heart block and myocardial Infarction. Integration with Anatomy and General Medicine	BI 11.16 ELECTROLYTE ANALYSIS BY ISE	PY5.13 Record and interpret normal ECG in a volunteer or simulated environment. Integration with General Medicine	BI 3.8 DISCUSS AND INTERPRET LAB RESULTS OF ANALYTES ASSOCIATED WITH METABOLISM OF CARBOHYDRATES	PY5.13 Record and interpret normal ECG in a volunteer or simulated environment. Integration with General Medicine	AN 52.2 Describe & identify the microanatomical features of: Urinary system: Kidney, Ureter & Urinary bladderMale Reproductive System: Testis, Epididymis,Vas deferens, Prostate &penis Female reproductive system: Ovary, Uterus, Uterine tube, Cervix,placenta & Umbilical cord
1-2 PM						
2- 4pm	AN 52.2 Describe & identify the microanatomical features of: Urinary system: Kidney, Ureter & Urinary bladderMale Reproductive System: Testis, Epididymis,Vas deferens, Prostate &penis Female reproductive system: Ovary, Uterus, Uterine tube, Cervix,placenta & Umbilical cord	AN 53.2 Demonstrate the anatomical position of bony pelvis & show boundaries of pelvic inlet, pelvic cavity, pelvic outlet	AN 53.3 Define true pelvis and false pelvis and demonstrate sex determination in male & female bony pelvis	AN 53.4 Explain and demonstrate clinical importance of bones of abdominopelvic region (sacralization of lumbar vertebra, Lumbarization of 1st sacralvertebra, types of bony pelvis & Coccyx)	AN 54.1 Describe & identify features of plain X ray abdomen	Sports

Week 3 summary:

Anatomy –
Lecture – 6h
SGT/Practical – 12h
ECE -1h
SDL 0

Physiology –
Lecture – 5h
SGT/Practical – 6h
ECE – 1h
SDL – 0h

Biochemistry –
Lecture – 3h
SGT/Practical – 4h
ECE -0
SDL 0

CM –
Lecture 1
SGT/Practical 0
ECE 0
SDL 0

AETCOM 1h

Week 4 – 20th to 25th Jan

Time	Mon 20th	Tue 21st	Wed 22nd	Thus 23rd No class Netaji birthday	Fri 24th	Sat 25th
8 -9am	AN 52.1 Describe & identify the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, Pylorus of stomach, Duodenum, Jejunum, Ileum, Large intestine, Appendix, Liver, Gall bladder, Pancreas & Suprarenal gland	PY4.5 Describe the source of GIT hormones, their regulation and functions	BI 4.2 METABOLISM OF CHOLESTEROL		PY4.6 Describe the Gut-Brain Axis	AETCOM Ethics case study
9 – 10am	PY4.5 Describe the source of GIT hormones, their regulation and functions	AN 52.1 Describe & identify the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, Pylorus of stomach, Duodenum, Jejunum, Ileum, Large intestine, Appendix, Liver, Gall bladder, Pancreas & Suprarenal gland	Practical CM1.10 Demonstrate the important aspects of the doctor patient relationship in a simulated environment		AN 52.1 Describe & identify the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, Pylorus of stomach, Duodenum, Jejunum, Ileum, Large intestine, Appendix, Liver, Gall bladder, Pancreas & Suprarenal gland	ECE AN 46.4 Explain the anatomical basis of Varicocoele

10-11am	AN 52.1 Describe & identify the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, Pylorus of stomach, Duodenum, Jejunum, Ileum, Large intestine, Appendix, Liver, Gall bladder, Pancreas & Suprarenal gland	BI 4.2 FATTY ACID SYNTHESIS	AN 52.1 Describe & identify the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, Pylorus of stomach, Duodenum, Jejunum, Ileum, Large intestine, Appendix, Liver, Gall bladder, Pancreas & Suprarenal gland		SDL Alcoholic hepatitis, Cirrhosis	ECE Charts for diagnosing different types of jaundice
11 – 1pm	PY5.14 Observe cardiovascular autonomic function tests in a volunteer or simulated environment	BI 4.5 |BI 4.7 INTERPRET LABORATORY RESULTS OF ANALYTES ASSOCIATED WITH METABOLISM OF LIPIDS	PY5.14 Observe cardiovascular autonomic function tests in a volunteer or simulated environment		PY5.15 Demonstrate the correct clinical examination of the cardiovascular system in a normal volunteer or simulated environment	AN 54.2 Describe & identify the special radiographs of abdominopelvic region (contrast X ray Barium swallow, Barium meal, Barium enema, Cholecystography, Intravenous pyelography & Hysterosalpingography)
1-2 PM						

2- 4pm	AN 55.1 Demonstrate the surface marking of; Regions and planes of abdomen, Superficial inguinal ring, Deep inguinal ring , McBurney's point, Renal Angle & Murphy's point	AN 55.2 Demonstrate the surface projections of: Stomach, Liver, Fundus of gall bladder, Spleen, Duodenum, Pancreas, Ileocaecal junction, Kidneys & Root of mesentery	AN 51.1 Describe & identify the cross-section at the level of T8, T10 and L1 (transpyloric plane)		AN 21.1 Identify and describe the salient features of sternum, typical rib, Ist rib and typical thoracic vertebra	Sports

Week 4 summary:

Anatomy –
Lecture – 5h
SGT/Practical – 10h
ECE -1h
SDL 0

Physiology –
Lecture – 3h
SGT/Practical – 6h
ECE – 1h
SDL – 1h

Biochemistry –
Lecture – 2h
SGT/Practical – 2h
ECE -0
SDL 0

CM –
Lecture
SGT/Practical 1
ECE 0
SDL 0

AETCOM 1h

Week 5 – 27th Jan to 1st Feb

Time	Mon 27th	Tue 28th	Wed 29th	Thus 30th No class Saraswati Puja	Fri 31st	Sat 1st feb
8 -9am	AN 52.2 Describe & identify the microanatomical features of: Urinary system: Kidney, Ureter & Urinary bladder Male Reproductive System: Testis, Epididymis,Vas deferens, Prostate & penis Female reproductive system: Ovary, Uterus, Uterine tube, Cervix, Placenta & Umbilical cord	PY4.7 Describe & discuss the structure and functions of liver and gall bladder. Integration with Biochemistry	BI 4.3 REGULATION OF LIPOPROTEIN, METABOLISM OF ASSOCIATED DISORDERS		PY4.8 Describe & discuss gastric function tests, pancreatic exocrine function tests & liver function tests. Integration with Biochemistry	SDL Types of gall stones

9 – 10am	PY4.7 Describe & discuss the structure and functions of liver and gall bladder. Integration with Biochemistry	AN 52.2 Describe & identify the microanatomical features of: Urinary system: Kidney, Ureter & Urinary bladder Male Reproductive System: Testis, Epididymis,Vas deferens, Prostate & penis Female reproductive system: Ovary, Uterus, Uterine tube, Cervix, Placenta & Umbilical cord	Practical CM2.3 Describe and demonstrate in a simulated environment the assessment of barriers to good health and health seeking behavior		AN 52.6 Describe the development and congenital anomalies of: Foregut, Midgut & Hindgut	ECE AN 44.5 Explain the anatomical basis of inguinal hernia.
10-11am	AN 52.2 Describe & identify the microanatomical features of: Urinary system: Kidney, Ureter & Urinary bladder Male Reproductive System: Testis, Epididymis,Vas deferens, Prostate & penis Female reproductive system: Ovary, Uterus, Uterine tube, Cervix, Placenta & Umbilical cord	BI 4.4 STRUCTURE AND FUNCTION OF LIPOPROTEIN, THEIR INTER-RELATION AND RELATION WITH ATHEROSCLEROSIS	AN 52.2 Describe & identify the microanatomical features of: Urinary system: Kidney, Ureter & Urinary bladder Male Reproductive System: Testis, Epididymis,Vas deferens, Prostate & penis Female reproductive system: Ovary, Uterus, Uterine tube, Cervix, Placenta & Umbilical cord		SDL Treatment principles of peptic ulcer	ECE Case demonstration Chronic cholecystitis

11 – 1pm	PY5.15 Demonstrate the correct clinical examination of the cardiovascular system in a normal volunteer or simulated environment	BI 11.8 ESTIMATION OF SERUM PROTEIN, ALBUMIN AND A:G RATIO	PY5.16 Record Arterial pulse tracing using finger plethysmography in a volunteer or simulated environment		Revision of examination of Cardiovascular Sysytem, blood pressure measurement, ECG	AN 21.1 Identify and describe the salient features of sternum, typical rib, Ist rib and typical thoracic vertebra
1-2 PM						
2- 4pm	AN 21.1 Identify and describe the salient features of sternum, typical rib, Ist rib and typical thoracic vertebra	AN 21.2 Identify & describe the features of 2nd, 11th and 12th ribs, 1st, 11th and 12th thoracic vertebrae	AN 21.3 Describe & demonstrate the boundaries of thoracic inlet, cavity and outlet		AN 21.6 Mention origin, course and branches/ tributaries of: 1) anterior & posterior intercostal vessels 2) internal thoracic vessels	Sports

Week 5 summary:

Anatomy –
Lecture – 5h
SGT/Practical – 10h
ECE -1h
SDL 0

Physiology –
Lecture – 3h
SGT/Practical – 6h
ECE – 1h
SDL – 2h

Biochemistry –
Lecture – 2h

SGT/Practical – 2h
ECE -0
SDL 0

CM –
Lecture
SGT/Practical 1
ECE 0
SDL 0

AETCOM 0

Week 6 – 3rd to 8th Feb

Time	Mon 3rd	Tue 4th	Wed 5th	Thus 6th	Fri 7th	Sat 8th
8 -9am	AN 52.6 Describe the development and congenital anomalies of: Foregut, Midgut & Hindgut	PY4.9 Discuss the physiology aspects of: peptic ulcer, gastrooesophageal reflux disease. Integration with Biochemistry	BI 5.4 COMMON DISORDERS ASSOCIATED WITH PROTEIN METABOLISM	AN 52.5 Describe the development and congenital anomalies of Diaphragm	PY5.1 Describe the functional anatomy of heart including chambers, sounds; and Pacemaker tissue and conducting system. Integration with Anatomy	ECE

9 – 10am	PY4.8 Describe & discuss gastric function tests, pancreatic exocrine function tests & liver function tests. Integration with Biochemistry	AN 52.6 Describe the development and congenital anomalies of: Foregut, Midgut & Hindgut	Practical CM6.2 Describe and discuss the principles and demonstrate the methods of collection, classification, analysis, interpretation and presentation of statistical data	BI 6.1 METABOLIC PROCESSES IN SPECIFIC ORGANS IN FED AND FASTING STATE	AN 52.7 Describe the development of Urinary system	ECE AN 44.5 Explain the anatomical basis of inguinal hernia.
10-11am	AN 52.6 Describe the development and congenital anomalies of: Foregut, Midgut & Hindgut	BI 5.3 DIGESTION AND ABSORPTION OF DIETARY PROTEINS	AN 52.6 Describe the development and congenital anomalies of: Foregut, Midgut & Hindgut	PY4.9 Discuss the physiology aspects of: Vomiting, diarrhoea, constipation, Adynamic ileus, Hirschsprung's disease. Integration with Biochemistry	PY5.1 Describe the functional anatomy of heart including chambers, sounds; and Pacemaker tissue and conducting system. Integration with Anatomy	ECE Hospital Visits- Respiratory Medicine- Spirometry
11 – 1pm	PY6.8 Demonstrate the correct technique to perform & interpret Spirometry. Integration with Respiratory Medicine	BI 11.10 ESTIMATION OF TG	PY6.8 Demonstrate the correct technique to perform & interpret Spirometry. Integration with Respiratory Medicine	BI 11.11 ESTIMATION OF CALCIUM AND PHOSPHATE	PY6.9 Demonstrate the correct clinical examination of the respiratory system in a normal volunteer or simulated environment	AN 21.11 Mention boundaries and contents of the superior, anterior, middle and posterior mediastinum
1-2 PM						

2- 4pm	AN 22.1 Describe and demonstrate subdivisions, sinuses in pericardium, blood supply and nerve supply of pericardium	AN 22.2 Describe and demonstrate external and internal features of each chamber of heart	AN 22.3 Describe & demonstrate origin, course and branches of coronary arteries	AN 22.5 Identify & Mention the location and extent of thoracic sympathetic chain	AN 23.1 Describe & demonstrate the external appearance, relations, blood supply, nerve supply,lymphatic drainage and applied anatomy of oesophagus	Sports

Week 6 summary:

Anatomy –
Lecture – 6h
SGT/Practical – 12h
ECE -1h
SDL 0

Physiology –
Lecture – 5h
SGT/Practical – 6h
ECE – 1h
SDL – 0h

Biochemistry –
Lecture – 3h
SGT/Practical – 6h
ECE - 1
SDL 0

CM –
Lecture
SGT/Practical 1
ECE 0
SDL 0

AETCOM 0

Week 7 – 10th to 15th Feb

Time	Mon 10th	Tue 11th	Wed 12th	Thus 13th	Fri 14th	Sat 15th
8 -9am	AN 52.7 Describe the development of Urinary system	PY5.2 Describe the properties of cardiac muscle including its morphology & electrical functions.	BI 6.11 PROPHYRIN AND HAEM METABOLISM	AN 52.8 Describe the development of male & female reproductive system	PY5.2 Describe the properties of cardiac muscle including its mechanical and metabolic functions	PY5.4 Describe generation, conduction of cardiac impulse
9 – 10am	PY5.2 Describe the properties of cardiac muscle including its morphology & electrical functions.	AN 52.8 Describe the development of male & female reproductive system	SDL 1.NIDDCP	BI 6.2 NUCLEOTIDE METABOLISM	AN 54.3 Describe role of ERCP, CT abdomen, MRI, Arteriography in radiodiagnosis of abdomen	ECE AN 22.4 Describe anatomical basis of ischaemic heart disease

10-11am	AN 52.7 Describe the development of Urinary system	CM practical CM6.2 Describe and discuss the principles and demonstrate the methods of collection, classification, analysis, interpretation and presentation of statistical data	AN 52.8 Describe the development of male & female reproductive system	PY5.2 Describe the properties of cardiac muscle including its mechanical and metabolic functions	PY5.3 Events occurring during the cardiac cycle	ECE Hospital Visits-Respiratory Medicine-Spirometry
11 – 1pm	PY6.9 Demonstrate the correct clinical examination of the respiratory system in a normal volunteer or simulated environment	BI 11.12 ESTIMATION OF SERUM BILIRUBIN	PY6.10 Demonstrate the correct technique to perform measurement of peak expiratory flow rate in a normal volunteer or simulated environment	BI 11.13 ESTIMATION OF SGOT/SGPT	PY6.10 Demonstrate the correct technique to perform measurement of peak expiratory flow rate in a normal volunteer or simulated environment	AN 23.2 Describe & demonstrate the extent, relations tributaries of thoracic duct and enumerate its applied anatomy
1-2 PM						
2- 4pm	AN 23.3 Describe & demonstrate origin, course, relations, tributaries and termination of superior venacava, azygos, hemiazygos and accessory hemiazygos vein	AN 23.4 Mention the extent, branches and relations of arch of aorta & descending thoracic aorta	AN 23.5 Identify & Mention the location and extent of thoracic sympathetic chain	AN 23.6 Describe the splanchnic nerves	AN 24.1 Mention the blood supply, lymphatic drainage and nerve supply of pleura, extent of pleura and describe the pleural recesses and their applied anatomy	Sports

Week 7 summary:

Anatomy –
Lecture – 6h

SGT/Practical – 12h
ECE -1h
SDL 0

Physiology –
Lecture – 6h
SGT/Practical – 6h
ECE – 1h
SDL – 0h

Biochemistry –
Lecture – 2h
SGT/Practical – 4h
ECE - 1
SDL 0

CM –
Lecture
SGT/Practical 1
ECE 0
SDL 1h

AETCOM 0

Week 8 – 17th to 22nd Feb

Time	Mon 17th	Tue 18th	Wed 19th	Thus 20th	Fri 21st	Sat 22nd
8 -9am	AN 75.1 Describe the structural and numerical chromosomal aberrations	PY5.7 Describe and discuss haemodynamics of circulatory system	ECE	AN 21.7 Mention the origin, course, relations and branches of 1) atypical intercostal nerve 2) superior intercostal artery, subcostal artery	PY5.8 Describe and discuss local and systemic cardiovascular regulatory mechanisms	PY5.9 Describe the factors affecting heart rate, regulation of cardiac output

9 – 10am	PY5.4 Describe generation, conduction of cardiac impulse	AN 80.5 Describe role of placental hormones in uterine growth & parturition	SDL 2 2.I-NIPI	ECE	AN 21.8 Describe & demonstrate type, articular surfaces & movements of manubriosternal, costovertebral, costotransverse and xiphisternal joints	AN 21.9 Describe & demonstrate mechanics and types of respiration
10-11am	AN 75.2 Explain the terms mosaics and chimeras with example	SDL	AN 21.5 Describe & demonstrate origin, course, relations and branches of a typical intercostal nerve	PY5.7 Describe and discuss haemodynamics of circulatory system	PY5.9 Describe the factors affecting heart rate, regulation of cardiac output	PY5.9 Describe the factors affecting blood pressure
11 – 1pm	PY 6.8 Revision of examination of Respiratory Sysytem, Spirometry	BI 11.14 ESTIMATION OF ALKALINE PHOSPHATASE	PY11.8 Discuss & compare cardio-respiratory changes in isometric exercise under different environmental conditions (heat and cold)	BI 5.5 INTERPRET LABORATORY RESULTS ASSOCIATED WITH METABOLISM OF PROTEINS	PY11.8 Discuss & compare cardio-respiratory changes in isometric exercise under different environmental conditions (heat and cold)	AN 24.2 Identify side, external features and relations of structures which form root of lung & bronchial tree and their clinical correlate
1-2 PM						
2- 4pm	AN 25.1 Identify, draw and label a slide of trachea and lung	AN 25.7 Identify structures seen on a plain x-ray chest (PA view)	AN 25.9 Demonstrate surface marking of lines of pleural reflection, lung borders and fissures, trachea, heart borders, apex beat & surface projection of valves of heart	AN 26.1 Demonstrate anatomical position of skull, Identify and locate individual skull bones in skull	AN 26.2 Describe the features of norma frontalis, verticalis, occipitalis, lateralis and basalis	Sports

Week 8 summary:

Anatomy –
Lecture – 6h
SGT/Practical – 12h
ECE -0h
SDL 0

Physiology –
Lecture – 7h
SGT/Practical – 6h
ECE – 0h
SDL – 0h

Biochemistry –
Lecture – 0h
SGT/Practical – 4h
ECE - 2
SDL 1

CM –
Lecture
SGT/Practical 0
ECE 0
SDL 1h

AETCOM 0

Week 9 – 24th to 29th Feb

Time	Mon 24th	Tue 25th	Wed 26th	Thus 27th	Fri 28th	Sat 29th

8 -9am	AN 23.7 Mention the extent, relations and applied anatomy of lymphatic duct	PY5.10 Describe coronary circulation. Integration with General Medicine	SDL	SDL AN 73.2 Describe technique of karyotyping with its applications	PY5.10 Describe pulmonary circulation. Integration with General Medicine	SGT PY9.7 Describe and discuss the effects of removal of gonads on physiological functions
9 – 10am	PY5.10 Describe & discuss regional circulation including microcirculation,lymphatic circulation, capillary, skin, and splanchnic circulation. Integration with General Medicine	AN 24.1 Mention the blood supply, lymphatic drainage and nerve supply of pleura, extent of pleura and describe the pleural recesses and their applied anatomy	Practical CM6.4 Enumerate, discuss and demonstrate Common sampling techniques, simple statistical methods, frequency distribution, measures of central tendency and dispersion	ECE	SDL AN 73.3 Describe the Lyon's hypothesis	SDL AN 74.1 Describe the various modes of inheritance with examples
10-11am	AN 23.5 Identify & Mention the location and extent of thoracic sympathetic chain	SDL	SDL AN 73.1 Describe the structure of chromosomes with classification	PY5.10 Describe cerebral circulation. Integration with General Medicine	SGT PY9.6 Enumerate the contraceptive methods for male and female. Discuss their advantages & disadvantages Integration with Obstetrics & Gynaecology,Community Medicine	SGT PY9.6 Enumerate the contraceptive methods for male and female. Discuss their advantages & disadvantages. Integration with Obstetrics & Gynaecology,Community Medicine

11 – 1pm	PY11.8 Discuss & compare cardio-respiratory changes in isotonic exercise under different environmental conditions (heat and cold)	CM practical CM6.4 Enumerate, discuss and demonstrate Common sampling techniques, simple statistical methods, frequency distribution, measures of central tendency and dispersion	PY11.4 Describe and discuss cardio-respiratory and metabolic adjustments during exercise; physical training effects	BI 8.5 NUTRITIONAL IMPORTANCE OF COMMONLY USED FOOD BI 8.3 DIETARY ADVICE FOR OPTIMAL HEALTH IN CHILDHOOD AND ADULTS, DIABETES MELITUS, CORONARY ARTERY DISEASE AND PREGNANCY	PY11.5 Describe and discuss physiological consequences of sedentary lifestyle	AN 26.3 Describe cranial cavity, its subdivisions, foramina and structures passing through them
1-2 PM						
2- 4pm	AN 26.4 Describe morphological features of mandible	AN 26.5 Describe features of typical and atypical cervical vertebrae (atlas and axis)	AN 28.1 Describe & demonstrate muscles of facial expression and their nerve supply	AN 28.3 Describe & demonstrate origin /formation, course, branches /tributaries of facial vessels	AN 28.6 Identify superficial muscles of face, their nerve supply and actions	Sports

Week 9 summary:

Anatomy –
Lecture – 3h
SGT/Practical – 12h
ECE -0h
SDL 4h

Physiology –
Lecture – 4h
SGT/Practical – 9h
ECE – 0h
SDL – 0h

Biochemistry –
Lecture – 0h
SGT/Practical – 2h
ECE – 1h
SDL 2h

CM –
Lecture
SGT/Practical 3h
ECE 0
SDL 1h

AETCOM 0

Summary of Block 3

Anatomy –
Lecture – 42h
Practical/Dissection/SGT – 98h
ECE – 6h
SDL – 4h
Assessment – 2h

Physiology –
Lecture – 39h
Practical/Dissection/SGT – 54h
ECE – 6h
SDL – 4h
Assessment – 2h

Biochemistry –
Lecture – 16h
Practical/Dissection/SGT – 30h
ECE – 4h
SDL – 3h
Assessment – 2h

CM – Lecture 2h
Practical – 7h
SDL – 2h

AETCOM – 3h