BLOCK II –BATCH 2019-20
4th November to 31st December

WEEK 1
4th to 9th November

Time	Mon 4th November	Tue 5th November	Wed 6th November	Thus 7th November	Fri 8th November	Sat 9th November
8 -9am	Anatomy (L) AN 9.2. Breast-describe the location, extent, deep relations, structure, age changes, blood supply, ymphatic drainage, microanatomy and applied anatomy	Physiology (L) PY1.3 Intercellular communication	Biochemistry (L) BI5.1: Chemistry of Amino Acids	Anatomy (L) AN 77.6 Describe teratogenic influences, fertility and sterility, Surrogate motherhood, social significance of sex ratio	Physiology (L) PY1.5 Transport mechanisms across cell membranes-Diffusion, Osmosis	AETCOM 1.2 What it means to be a patient Discussion

9 – 10am	Physiology (L) PY1.1Structure and functions of a mammalian cell	Anatomy (L) AN 13.4 Describe the sternoclavicular joint,acromioclavicular joint,carpometacarpal and metacarpophalyngeal joint	Community Medicine (L) CM 5.5 Describe the methods of nutritional surveillance, principles of nutrition education and rehabilitation in the context of sociocultural factors	Biochemistry (L) BI5.1: Structural Organization of Proteins	Anatomy (L) AN 15.4 Explain anatomical basis of psoas abscess and femoral hernia	AETCOM 1.2 What it means to be a patient Discussion
10-11am	Anatomy (L) AN9.3 Describe development of breast	Biochemistry Assessment	Anatomy (L) AN 13.8 Describe development of upper limb	Physiology (L) PY1.4 Apoptosis – programmed cell death	AETCOM 1.2 What it means to be a patient Visit to OPD	Physiology Assessment
11 – 1pm	Biochemistry (Practical/SGT) BI11.3: Describe the chemical components of normal urine	Physiology (Practical/SGT) PY2.12 Steps for the Test for estimation of ESR PY2.12 Steps for the Test for determination of Osmotic Fragility	Physiology (Practical/SGT) PY2.13 Steps of tests for reticulocyte count PY2.13 Steps of tests for platelet count	Biochemistry (Practical/SGT) BI11.4: tests of urine analysis to determine normal and abnormal constituents of urine	Physiology (Practical/SGT) PY2.11 Haematology Revision	Community medicine SGT/Practical CM 5.2 Describe and demonstrate the correct method of performing a nutritional assessment of individuals, families and community by using the appropriate method
1-2 PM	L	U	N	C	H	

2- 4pm	ANATOMY Practical/Dissection/ Small group teaching AN13.3 Identify and describe the type, articular surface, capsule, synovial membrane, ligaments, relations, movements, blood and nerve supply of elbow joint, proximal and distal radioulnar ,wrist joint and first carpometacarpal joint	ANATOMY Practical/Dissection/Small group teaching AN13.5Identify the bones and joints of upper limbs seen in anteroposterior and lateral view radiograph of shoulder region, arm, elbow, forearm and hand	ANATOMY Practical/Dissection/ Small group teaching AN13.6Identify & Demonstrate important bony landmarks of upper limbs; jugular knotch,starnal AN13.7angle,acromial angle,spine of scapula,vertebral leble of the medial end,inferior angle of the scapula	ANATOMY Practical/Dissection/Small group teaching AN13.7Identify & demonstrate surface projection of ; cephalic & basilica vein, Palpation of branchial artery, radial artery. Testing of muscles: Trapezius, pectoralis major, serratus anterior, latissimus dorsi, deltoid, biceps brachii, brachioradiolis	ANATOMY Practical/Dissection/ Small group teaching AN14.1Identify the given bone, its site, important features & keep it in anatomical position.	Sports

Week 1 summary:
Anatomy – Lecture – 6h, Practical/Dissection/SGT – 10h
Physiology - Lecture – 4h, Practical/ SGT – 6h Assessment 1h
Biochemistry - Lecture – 2h, Practical/ SGT – 4h Assessment 1h
CM – Lecture 1h Practical 2h
AETCOM – 3h

Week 2
11th to 16th November

Time	Mon 11th November	Tue 12th November No class	Wed 13th November	Thus 14th November	Fri 15th November	Sat 16th November
8 -9am	Anatomy (L) AN 78.1 Describe cleavage and formation of blastocyst		Biochemistry (L) BI5.2: Describe & Discuss functions of Proteins	Anatomy (L) AN 78.3 Describe process of implantation and abnormal sites of implantation	Physiology (L) PY1.5 Transport mechanisms across cell membranes-Clinical applications	Physiology ECE Case presentation of Haemophilia
9 – 10am	Physiology (L) PY1.5 Transport mechanisms across cell membranes-Ion Channels		Community Medicine (L) CM 5.6 Enumerate and discuss the national nutrition policy, important national nutritional programs including ICDS	Biochemistry (L) BI5.2: Structure-Function relationships of Proteins	AETCOM 1.3 Doctor patient relationship Large group teaching	Biochemistry ECE BI6.8: discuss and interpret results of ABG analysis in various disorders by clinical charts
10-11am	AETCOM 1.2 What it means to be a patient Closure		Anatomy (L) AN 78.2 Describe the development of trophoblast	Physiology (L) PY1.5 Transport mechanisms across cell membranes-Active transport	AETCOM 1.3 Doctor patient relationship Visit to OPD	Anatomy ECE AN 16.3 Explain the anatomical basis of Trendelenberg sign

11 – 1pm	Biochemistry SGT/Practical BI11.4: Perform tests of urine analysis to determine normal and abnormal constituents of urine		Physiology (Practical/SGT) PY3.14 Steps for performing Ergography PY3.14 Ergography	Biochemistry (Practical/SGT) BI11.20: Identify abnormal constituents of urine, interpret the findings and correlate these with pathological states.	Physiology (Practical/SGT) PY3.14 Ergography	Community medicine SGT/Practical CM 5.4. Plan and recommend a suitable diet for the individuals and families based on local availability of foods and economic status in a simulated environment
1-2 PM	L		N	C	H	
2- 4pm	ANATOMY Practical/Dissection/Small group teaching AN14.2Identify & describe joins form by given bones.		ANATOMY Practical/Dissection/ Small group teaching AN14.3Describe the important of ossification of lower end of femure & upper end of tibia.	ANATOMY Practical/Dissection/Small group teaching AN14.4Identify & name various bones in the articulated foot with individual muscle attachment	ANATOMY Practical/Dissection/ Small group teaching AN15.1Describe & demonstrate origin,course,relations,branches,termination of important nerves & vessles of anterior thigh.	Sports

Week 2 summary:
Anatomy – Lecture – 3h, Practical/Dissection/SGT – 8h ECE 1
Physiology - Lecture – 3h, Practical/ SGT – 4h ECE 1h
Biochemistry - Lecture – 2h, Practical/ SGT – 4h ECE 1h
CM – Lecture 1h Practical 2h
AETCOM – 3h

Week 3
18th to 23rd November

Time	Mon 18th November	Tue 19th November	Wed 20th November	Thus 21st November	Fri 22nd November	Sat 23rd November
8 -9am	Anatomy (L) AN 17.2 Describe anatomical basis of complications of fracture neck femur	AETCOM 1.3 Doctor patient relationship Visit to OPD	Biochemistry (L) BI5.2: Function of Hemoglobin Integration with Physiology (PY2.3)	Anatomy (L) AN 17.3 Describe dislocation of hip joint and surgical hip replacement	Physiology (L) PY1.8 Action potential- Properties	Physiology ECE Visit to Central Lab
9 – 10am	Physiology (L) PY1.8 Molecular basis of resting membrane potential	AETCOM 1.3 Doctor patient relationship Visit to OPD	Community Medicine (L) CM 1.3 Describe the characteristics of agent host and environmental factors in health and disease and the multifactorial etiology of disease	Biochemistry (L) BI6.12: Describe major types of Hemoglobin & its derivatives found in the body & their physiological/pathological relevance Integration with Physiology (PY2.3)	Anatomy (L) AN 79.1 Describe formation and fate of primitive streak	Biochemistry ECE BI6.12: Demonstration and discussion of a clinical case of Thalassemia
10-11am	Anatomy (L) AN 78.4 Describe the formation of extraembryonic mesoderm and coelom,bilaminate disc and prochordal plate	Biochemistry (L) BI5.2: Structure of Hemoglobin Integration with Physiology (PY2.3)	Anatomy (L) AN 78.5 Describe in brief abortion, decidual reaction and pregnancy test	Physiology (L) PY1.8 Molecular basis of action potential	AETCOM 1.3 Doctor patient relationship Interactive session	Anatomy ECE AN 16.2Explain anatomical basis of sciatic nerve injury in intramuscular injection

11 – 1pm	Physiology (Practical/SGT) PY3.15 Effect of mild exercise and record changes in cardiorespiratory parameters	Anatomy SGT AN69.1 Identify elastic and muscular blood vessels, capillaries under microscope	Physiology (Practical/SGT) PY3.15 Effect of moderate exercise and record changes in cardiorespiratory parameters	Biochemistry (Practical/SGT) BI11.18: Discuss the principles of spectrophotometry	Physiology (Practical/SGT) PY3.15 Effect of severe exercise and record changes in cardiorespiratory parameters	Community medicine SGT/Practical CM 1.9. Demonstrate the role of effective communication skills in health in a simulated environment
1-2 PM	L	U	N	C	H	
2- 4pm	ANATOMY Practical/Dissection/ Small group teaching AN15.2Describe & demonstrate major muscles with their attachment, nerve supply & action.	ANATOMY Practical/Dissection/Small group teaching An15.3Describe & demonstrate boundaries, floor, roof & contains of femoral trangle.	ANATOMY Practical/Dissection/ Small group teaching AN15.5Describe & demonstrate adductor cannel with its contains	ANATOMY Practical/Dissection/Small group teaching AN16.1Describe & demonstrate origin, courses, relations, brunches, termination of important nerves & vessels of gluteal region.	ANATOMY Practical/Dissection/ Small group teaching An16.4Describe & demonstrate the handstring group of musclewith their attachment nerve supply & actions.	Sports

Week 3 summary:
Anatomy – Lecture – 5h, Practical/Dissection/SGT – 12h ECE 1h
Physiology - Lecture – 1h, Practical/ SGT – 6h ECE 1h
Biochemistry - Lecture – 3h, Practical/ SGT – 2h ECE 1h
CM – Lecture 1h Practical 2h
AETCOM – 3h

Week 4
25th to 30th November

Time	Mon 25th November	Tue 26th November	Wed 27th November	Thus 28th November	Fri 29th November	Sat 30th November
8 -9am	Anatomy (L) AN 79.2 Describe the formation and fate of notochord	Physiology SDL Effect of exercise on cardiorespiratory parameters	Biochemistry (L) BI2.3: Describe & Explain the basic principles of enzyme activity	Anatomy (L) AN 19.3 Explain the concept of peripheral heart	Physiology (L) PY3.1 Structure and functions of a neuron and neuroglia	Physiology L PY3.1 Nerve Growth Factor & other growth factors/cytokines
9 – 10am	Physiology Assessment	Anatomy (L) AN 18.6 Describe knee joint injuries with its applied anatomy	Community Medicine (L) CM 1.4. Describe and discuss the natural history of disease	Biochemistry (L) BI2.4: Describe & Discuss enzyme inhibitors as poisons & drugs & as therapeutic enzymes	Anatomy (L) AN 19.4 Describe anatomical basis of rupture of calcaneal tendon	Biochemistry SDL BI3.7: describe the common poisons that inhibit crucial enzymes of carbohydrate metabolism (eg, fluoride, arsenate
10-11am	Anatomy ECE AN79.6 Describe the diagnosis of pregnancy in 1st trimester and role of teratogens and alphafetoproteins	Biochemistry ECE BI 2.2: Observe the estimation of SGOT and SGPT at departmental service laboratory	Anatomy (L) AN 18.7 Explain anatomical basis of osteoarthriis	Physiology ECE Charts on General Physiology	AETCOM 1.3 Doctor patient relationship Interactive session	Anatomy Assessment

11 – 1pm	Physiology (Practical/SGT) PY3.16 Harvard Step test and its impact on induced physiologic parameters in a simulated environment	Anatomy Practical SGT AN69.3 describe the ultrastructure of blood vessels	Physiology (Practical/SGT) PY3.17 Strength-duration curve	Biochemistry (Practical/SGT) BI11.6: Describe the principles of colorimetry. Beer's Lambert's law	Physiology (Practical/SGT) PY3.18 Introduction of Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments	AETCOM 1.3 Doctor patient relationship Interactive session
1-2 PM	L	U	N	C	H	
2- 4pm	ANATOMY Practical/Dissection/ Small group teaching AN16.5Describe & demonstrations, origin, courses, relation, brunches, terminations of important nerves & vessels of back of thigh.	ANATOMY Practical/Dissection/Small group teaching AN18.1Describe & demonstrate major muscles of anterolateral compartment of leg with their attachment, nerve supply & actions.	ANATOMY Practical/Dissection/ Small group teaching AN18.2Describe & demonstrate origin,course,relations,brunches,termination of important nerves & vessles of anterior compertment of leg.	ANATOMY Practical/Dissection/Small group teaching AN19.1Describe & demonstrate major muscles of back of leg with their attachment, nerve supply & actions.	ANATOMY Practical/Dissection/ Small group teaching AN19.2Describe & demonstrate origin,course,relations,brunches,termination of important nerves & vessles of back of leg.	Sports

Week 4 summary:
Anatomy – Lecture – 5h, Practical/Dissection/SGT – 12h Assessment 1 ECE 1
Physiology - Lecture – 2h, Practical/ SGT – 6h Assessment 1; SDL 1; ECE 1
Biochemistry - Lecture – 2h, Practical/ SGT – 2h SDL 1h ECE 1
CM – Lecture 1h
AETCOM – 3h

Week 5
2nd to 7th December

Time	Mon 2nd December	Tue 3rd December	Wed 4th December	Thus 5th December	Fri 6th December	Sat 7th December
8 -9am	Anatomy (L) AN 79.3 Describe the process of neurulation	Physiology (L) PY3.3 Degeneration and regeneration in peripheral nerves	Biochemistry (L) BI2.5: Describe & Discuss clinical utility of various serum enzymes as markers of pathological conditions	Anatomy (L) AN 19.7 Explain the anatomical basis of Metatarsalgia & Plantar fasciitis	Physiology (L) PY3.5Action of neuro-muscular blocking agents	Physiology ECE Visit to Neurology clinic
9 – 10am	Physiology (L) PY3.2 Types, functions & properties of nerve fibers	Anatomy (L) AN 19.5 Describe factors maintaining importance arches of the foot with its importance	Community Medicine (L) CM 1.5. Describe the application of interventions at various levels of prevention	Biochemistry (L) BI2.6: Discuss use of enzymes in laboratory investigations (Enzyme based assays)	Anatomy (L) AN 20.5 Explain anatomical basis of varicose vein and deep vein thrombosis	Biochemistry ECE BI11.9: Outline the basic principles involved in the functioning of instruments commonly used in a biochemistry laboratory and their applications
10-11am	Anatomy (L) AN 79.4 Describe the development of somites and intra-embryonic coelom	Biochemistry Assessment	Anatomy (L) AN 19.6 Explain the anatomical basis of Flat foot & Club foot	Physiology L PY3.4 Structure of neuro-muscular junction and transmission of impulses	AETCOM 1.3 Doctor patient relationship Discussion	Anatomy ECE AN18.5Explain the anatomical basis of locking and unlocking of knee

11 – 1pm	Biochemistry (Practical/SGT) BI 11.21: Demonstrate and perform estimation of Glucose in plasma	Physiology SGT PY3.18 Computer assisted learning Amphibian nerve - muscle experiments I	Physiology (Practical/SGT) PY3.18 Computer assisted learning Amphibian nerve - muscle experiments II	Biochemistry (Practical/SGT) BI11.21: Demonstrate and perform estimation of Creatinine in serum	Physiology (Practical/SGT) PY3.18 Computer assisted learning Amphibian nerve - muscle experiments III	AETCOM 1.3 Doctor patient relationship Discussion & closure
1-2 PM	L	U	N	C	H	
2- 4pm	ANATOMY Practical/Dissection/ Small group teaching AN20.6Identify the bones and joints of lower limb seen in anteroposterior and lateral view radiographs of various regions of lower limb	ANATOMY Practical/Dissection/Small group teaching AN20.7Identify & demonstrate important bony landmarks of lower limb: -Vertebral levels of highest point of iliac crest, posterior superior iliac spines, iliac tubercle, pubic tubercle, ischial tuberosity, adductor tubercle, levels of highest points of iliac crest	ANATOMY Practical/Dissection/ Small group teaching AN 44.1 Describe and demonstrate the planes transpyloric, transtuberculer, subcostal, lateral verticle, linea alba, linea semilunaris	ANATOMY Practical/Dissection/Small group teaching AN 44.6 Describe and demonstrate attachments of muscles of anterior abdominal wall	ANATOMY Practical/Dissection/ Small group teaching AN44.2Describe & identify the Fascia, nerves & blood vessels of anterior abdominal wall	Sports

Week 5 Summary
Anatomy – Lecture – 6h, Practical/Dissection/SGT – 10h ECE 1
Physiology - Lecture – 3h, Practical/ SGT – 6h ECE 1 SDL 1 Biochemistry - Lecture – 2h, Practical/ SGT – 4h Assessment 1h
CM – Lecture 1h
AETCOM – 3h

Week 6

9th to 14th December

Time	Mon 9th December	Tue 10th December	Wed 11th December	Thus 12th December	Fri 13th December	Sat 14th December
8 -9am	Anatomy (L) AN 20.1 Describe and demonstrate the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply of tibiofibular and ankle joint	Physiology (L) PY3.Pathophysiology of Myasthenia gravis	Biochemistry (L) BI3.2: Describe the processes involved in digestion and assimilation of carbohydrates and storage.	Anatomy (L) AN 44.7 Enumerate common abdominal incisions	Physiology (L) PY3.7 Structure of smooth muscle fibres	Physiology ECE Case presentation of Myasthenia Gravis
9 – 10am	Physiology SDL Different types of Potassium Channels	Anatomy (L) AN 20.4 Explain anatomical basis of enlarged inguinal lymph nodes	Community Medicine (L) CM 1.6 Describe and discuss the concepts, principles of health promotion and education, IEC and BCC	Biochemistry (L) BI3.3: Describe and discuss the digestion and assimilation of carbohydrates from food	Anatomy (L) AN 80.1 Describe formation, functions & fate of-chorion: amnion; yolk sac; sac,allantois and decidua	Biochemistry ECE BI11.16: Observe process of paper chromatography of amino acids in Departmental service laboratory

10-11am	Anatomy (L) AN 20.2 Describe the subtalar and transverse tarsal joints	Biochemistry (L) BI2.7: Interpret laboratory results of enzyme activities & describe the clinical utility of various enzymes as markers of pathological conditions	Anatomy (L) AN 44.3 Describe the formation of rectus sheath and its contents	Physiology (L) PY3.7 Structure of skeletal muscle fibres	AETCOM Introduction to ethics Large group teaching	Anatomy ECE AN20.8Identify and demonstrate palpation of femoral, popliteal, posterior tibbial, anterior tibial and dorsalis pedis blood vessels in the simulated environment
11 – 1pm	Physiology SGT/Practical PY3.18 Computer assisted learning Amphibian nerve - muscle experiments Revision	Anatomy (SGT/Practical) AN 69.2Describe the various types and structure, function, correlation of blood vessel Integration with PY5.7	Physiology (Practical/SGT) PY3.18 Computer assisted learning Amphibian Cardiac experiments I	Biochemistry (Practical/SGT) BI11.21: demonstrate and perform estimation of serum Creatinine	Physiology (Practical/SGT) PY3.18 Computer assisted learning Amphibian Cardiac experiments II	AETCOM Sensitization and allotting topics
1-2 PM	L	U	N	C	H	

2- 4pm	ANATOMY Practical/Dissection/ Small group teaching AN44.4Describe & demonstrate extent, boundaries, contents of Inguinal canal including Hesselbach's triangle.	ANATOMY Practical/Dissection/Small group teaching AN44.5Explain the anatomical basis of inguinal hernia	ANATOMY Practical/Dissection/ Small group teaching AN46.1Describe & demonstrate coverings, internal structure, side determination, blood supply, nerve supply, lymphatic drainage & descent of testis with its applied anatomy	ANATOMY Practical/Dissection/Small group teaching AN46.2Describe parts of Epididymis	ANATOMY Practical/Dissection/ Small group teaching AN46.3Describe Penis under following headings: (parts, components, blood supply and lymphatic drainage)	Sports

Week 6 summary:
Anatomy – Lecture – 6h, Practical/Dissection/SGT – 12h ECE 1
Physiology - Lecture – 4h, Practical/ SGT – 6h ECE 1
Biochemistry - Lecture – 2h, Practical/ SGT – 2h ECE 1h
CM – Lecture 1h
AETCOM – 3h

Week 7
16th to 21st December

Time	Mon 16th December	Tue 17th December	Wed 18th December	Thus 19th December	Fri 20th December	Sat 21st December
8 -9am	Anatomy (L) AN 80.2 Describe formation & structure of umbilical cord	Physiology (L) PY3.8 Action potential - Description and properties in skeletal muscle fibres	Biochemistry (L) BI3.4: Gluconeogenesis	Anatomy (L) AN 45.1 Describe Thoracolumbar fascia	Physiology (L) PY3.9 Molecular basis of muscle contraction in skeletal muscle	Physiology ECE Charts on Neuromuscular blockers
9 – 10am	Physiology Assessment	Anatomy ECE	Community Medicine (L) CM 1.7. Enumerate and describe health indicators	Biochemistry (L) BI3.4: Glycogen Metabolism	Anatomy (L) AN 47.12 Describe important nerve plexuses of posterior abdominal wall	Biochemistry ECE BI11.5: Describe screening of urine for inborn errors & describe their use of paper chromatography in this regard
10-11am	Anatomy (L) AN 47.1 Describe & identify boundaries and recesses of Lesser & Greater sac	Biochemistry (L) BI3.4: Glycolysis	Anatomy (L) AN 47.2 Name & identify various peritoneal folds & pouches with its explanation	Physiology (L) PY3.8 Action potential - Description and properties in smooth muscle fibres	AETCOM Short film with discussion	AETCOM Short film with discussion

11 – 1pm	Physiology (Practical/SGT) PY3.18 Revision of Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments	Anatomy SGT AN67.1 Describe & identify various types of muscle under the microscope Integration with PY3.7	Physiology (Practical/SGT) PY11.13 History taking and general examination in the volunteer	Biochemistry (Practical/SGT) BI11.21: Demonstrate and perform estimation of total Protein in serum	Physiology (Practical/SGT) PY11.13 History taking general examination in the volunteer or simulated environment	Anatomy Assessment
1-2 PM	L	U	N	C	H	
2- 4pm	ANATOMY Practical/Dissection/ Small group teaching AN46.4Explain anatomical basis of varicocele	ANATOMY Practical/Dissection/Small group teaching AN46.5Explain anatomical basis of Phimosis and circumcision	ANATOMY Practical/Dissection/ Small group teaching AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects	ANATOMY Practical/Dissection/Small group teaching AN47.8 Describe & identify the formation, course relations and tributaries of Portal vein, Inferior vena cava & Renal vein	ANATOMY Practical/Dissection/ Small group teaching AN47.9Describe & identify the origin, course, important relations and branches of Abdominal aorta, Coeliac trunk, Superior mesenteric, Inferior mesenteric & Common iliac artery	Sports

Week 7 summary:
Anatomy – Lecture – 5h, Practical/Dissection/SGT – 12h Assessment 1h ECE 1
Physiology - Lecture – 3h, Practical/ SGT – 6h ECE 1 Assessment 1h

Biochemistry - Lecture – 3h, Practical/ SGT – 2h ECE 1h
CM – Lecture 1h
AETCOM – 2h

Week 8

23rd to 28th December

Time	Mon 23rd December	Tue 24th December	Wed 25th December No class	Thus 26th December	Fri 27th December	Sat 28th December
8 -9am	Anatomy (L) AN 80.3 Describe formation of placenta, its physiological functions, fetomaternal circulation & placental barrier	Physiology (L) PY3.10 Mode of Isometric and Isotonic muscle contraction		Anatomy (L) AN 47. 11 Explain the anatomic basis of hematemesis& caput medusa in portal hypertension	Physiology (L) PY3.12 Gradation of muscular activity	Anatomy ECE AN20.9 Identify and demonstrate palpation of vessels femoral, popliteal
9 – 10am	Physiology (L) PY3.9 Molecular basis of muscle contraction in smooth muscle	Anatomy (L) AN 47.10 Enumerate the sites of portosystemic anastomosis		Biochemistry (L) BI3.4: HMP shunt	Anatomy (L) AN 80.4 Describe embryological basis of twinning in monozygotic & dizygotic twins	Physiology SDL Treatment principles of Myasthenia gravis

10-11am	Anatomy (L) AN 80.7 Describe various types of umbilical cord attachments	Biochemistry Assessment		Physiology (L) PY3.11 Energy source and muscle metabolism	AETCOM Short film with discussion	Biochemistry SDL BI3.4: Differentiate different pathways of carbohydrate metabolism
11 – 1pm	Physiology (Practical/SGT) PY5.12 Recording of Pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment	Anatomy SGT AN67.2 Classify muscle and describe the structure-function correlation of the same Integration with PY3.7		Biochemistry (Practical/SGT) BI11.7: Demonstration of serum creatinine and creatinine clearance	Physiology (Practical/SGT) PY5.12 Recording of blood pressure at rest in a volunteer or simulated environment	Anatomy SDL AN20.10Describe basic concept of development of lower limb
1-2 PM	L	U		C	H	
2- 4pm	ANATOMY Practical/Dissection/SGT AN45.2Describe & demonstrate Lumbar plexus for its root value, formation & branches	ANATOMY Practical/Dissection/ SGT AN50.1Describe the curvatures of the vertebral column		ANATOMY Practical/Dissection/ SGT AN 50.2 Describe and demonstrate the type, articular ends, ligaments and movements of intervertebral joints, sacroiliac joints and pubic symphysis	ANATOMY Practical/Dissection/ SGT AN 50.3 Describe lumbar puncture (site, direction of the needle, structures pierced during lumbar puncture)	Sports

Week 8 summary:
Anatomy – Lecture – 6h, Practical/Dissection/SGT – 12h Assessment 1h
Physiology - Lecture – 3h, Practical/ SGT – 6h ECE 1 Assessment 1h
Biochemistry - Lecture – 3h, Practical/ SGT – 2h ECE 1h Assessment 1h
CM – Lecture 1h
AETCOM – 2h

Week 9

30th to 31st December

Time	Mon 30th December	Tue 31st December Formative Assessment
8 -9am	Anatomy (L) AN 48.4 Describe the branches of sacral plexus	
9 – 10am	Physiology (L) PY3.13 Muscular dystrophy: myopathies	
10-11am	AETCOM Short film with discussion	

11 – 1pm	Physiology (Practical/SGT) PY5.12 Recording of blood pressure and in different grades of exercise in a volunteer or simulated environment	
1-2 PM	Lunch	
2- 4pm	ANATOMY Practical/Dissection/Small group teaching AN 53.2 Demonstrate the anatomical position of bony pelvis and show boundaries of pelvic inlet, pelvic cavity, pelvic outlet	

Week 9 summary:
Anatomy – Lecture – 0h, Practical/Dissection/SGT – 2h SDL 1
Physiology - Lecture – 1h, Practical/ SGT – 2h
Biochemistry - Lecture – 0h, Practical/ SGT – 0h
CM – Lecture 0h
AETCOM – 1h

Summary of Block 2

Anatomy –
Lecture – 42h
Practical/Dissection/SGT – 90h
ECE – 6h
SDL – 1h
Assessment – 3h

Physiology –
Lecture – 26 h
Practical/Dissection/SGT – 46h
ECE – 6 h
SDL – 2h
Assessment – 3h

Biochemistry –
Lecture – 20h
Practical/Dissection/SGT – 22h
ECE – 6h
SDL – 1h
Assessment – 3h

CM – Lecture 8 h Practical 6h

AETCOM – 23h