

MGM MEDICAL COLLEGE, INDORE								
COMPETENCY BASED TIME TABLE FOR MBBS PHASE -1 , BATCH 2019 – 20								
TIME TABLE								
Date	Day	9-10 a.m.	10 - 11 AM	11 - 1 PM	1 - 2 PM	2 - 4 PM		4 - 5 PM
		Physiology / Biochemistry		Physiology / Biochemistry				
1.9.2019	<b>Sunday</b>							
2.9.2019	Monday	Introduction of Physiology	Introduction & Terminology <b>AN 1.1</b>	DOAP- General features of bone <b>AN 8.1 TO 8.6</b>		1.Introduction clinical lab 2.Introduction to Hematology	3. Instruments and glassware	Sports/AETCOM
3.9.2019	Tuesday	Structure & function of human cell and intercellular communication (PY1.1,1.3)	Bones-1 <b>AN 1.2, 2.1, 2.3</b>	DOAP- Clavicle <b>AN 8.1 TO 8.6</b>		1. Introduction clinical lab 2.Introduction to Hematology lab	3. Instruments and glassware	Sports/AETCOM
4.9.2019	Wednesday	Homeostasis (PY1.2)	Bones II & Cartilage <b>AN 2.2, 2.4</b>	DOAP- Scapula <b>AN 8.1 TO 8.6</b>		1.Introduction clinical lab 2.Introduction to Hematology lab	3. Instruments and glassware	Sports/AETCOM
5.9.2019	Thursday	Transport across the cell membrane (PY1.5)	Joint I <b>AN 2.5</b>	DOAP- Humerus <b>AN 8.1 TO 8.6</b>		1.General clinical examination 2.Microscope DOAP	3. Introduction to automation in Biochemistry& Clinical Lab visit (Small group)	Evoution of community Medicine
6.9.2019	Friday	Cell and cell organelles, Membrane transport (C-1) (Bi 1.1)	Joint II <b>AN 2.6</b>	DOAP- Radius <b>AN 8.1 TO 8.6</b>		1.General clinical examination 2.Microscope DOAP	3. Introduction to automation in Biochemistry &Clinical Lab visit (Small group)	Nesting, Depatment of Biochemistry
7.9.2019	Saturday	Chemistry of carbohydrates (C-2) (Classification, functions & isomerization) (Bi 3.1)	Muscles-I <b>AN 3.1, 3.2</b>	DOAP- Ulna <b>AN 8.1 TO 8.6</b>		1.General clinical examination 2.Microscope DOAP	SDL Department of Biochemistry	Sports/AETCOM
8.9.2019	<b>Sunday</b>							
9.9.2019	Monday	Fluid compartments, (PY1.6) composition & measurements	Muscles-II- shunt & spurt muscles <b>AN 3.3</b>	DOAP- Carpals <b>AN 8.1 TO 8.6</b>		1.Recording of PTR (PY 5.12) 2.Neubauer's chamber DOAP	3. Introduction to automation in Biochemistry & Clinical Lab visit (Small group)	Sports/AETCOM
10.9.2019	Tuesday	<b>Mohhoram</b>						
11.9.2019	Wednesday	Electrolyte and fluid imbalance Applied physiology (PY1.9)	Blood Vessels & Lymphatics <b>AN 5.1 TO 5.8, AN 6.1 TO 6.3</b>	DOAP- Metacarpals <b>AN 8.1 TO 8.6</b>		1.Recording of PTR (PY 5.12) 2.Neubauer's chamber DOAP	3. Identification of carbohydrate (Monosaccharide)	Sports/AETCOM
12.9.2019	Thursday	Molecular basis of RMP and action potential (PY1.8)	Nervous System <b>AN 7.1 TO 7.8</b>	DOAP- Phalanges <b>AN 8.1 TO 8.6</b>		1.Recording of PTR (PY 5.12) 2.Neubauer's chamber DOAP	3. Identification of carbohydrate (Monosaccharide)	PSM Health
13.9.2019	Friday	<b>Anantchaturdashi</b>						

14.9.2019	Saturday	Chemistry of carbohydrates (Polysaccharides, sugar derivatives & their clinical aspect) (Bi3.2)	Skin- Dermatomes , Principles of skin incisions, Superficial & Deep Fascia with modifications & functions <b>AN 4.1 TO 4.5</b>	AETCOM- Ethics in Anatomy Respect and Handling of cadavers <b>AN 82.1</b>		1.Reagents & anticoagulant used 2. Introduction to amphibian lab – dissection, mounting & circuit for amphibian experiments ( PY 3.18)	SDL Department of Biochemistry	Sports/AETCOM
15.9.2019	<b>Sunday</b>							
16.9.2019	Monday	Composition & functions of blood components (PY2.1)	Upper -Limb 1.Cutaneous nerves & Vessels of Pectoral region, Pectoral Fascia, Pectoral muscles & Clavipectoral fascia, Subclavius muscle. <b>AN 3.2, 9.1</b>	PCT- GENERAL ANATOMY EXAM-2HRS Written assessment		1.Reagents & anticoagulant used 2. Introduction to amphibian lab – dissection, mounting & circuit for amphibian experiments ( PY 3.18)	3. Identification of carbohydrate (Monosaccharide)	Sports/AETCOM
17.9.2019	Tuesday	Plasma proteins and specific gravity (PY2.2, 2.11)	2.Breast , Development and its applied. <b>AN 9.2, 9.3</b>	DOAP Dissection- Upper Limb-1		.Reagents & anticoagulant used 2. Introduction to amphibian lab – dissection, mounting & circuit for amphibian experiments ( PY 3.18)	3. Identification of carbohydrate (Disaccharide)	Sports/AETCOM
18.9.2019	Wednesday	Erythropoiesis, structure & functions of RBC (PY2.4)	3.Axilla –Boundaries, Contents and Axillary lymph nodes, <b>AN 10.1, 10.2, 10.4, 10.7, 10.13</b>	Vertical integrated (Radiotherapy/ Surgery) Teaching Carcinoma Breast and axillary Lymph Node dissection		1.Estimation of hemoglobin (PY3.11) 2. amphibian experiments (PY3.18)	3. Identification of carbohydrate (Disaccharide)	<b>ECE- ANATOMY,</b> Dept. Of Radiotherapy/ Surgery, Case of Ca breast
19.9.2019	Thursday	Haemoglobin – structure, synthesis, functions, variations and hemoglobinopathies (PY2.3) <b>integration with biochemistry</b>	4.Brachial plexus: its applied, Erbs, Klumpke's paralysis, Saturday night palsy <b>AN 10.3, 10.5, 10.6, 10.13</b>	DOAP Dissection- Upper Limb-2		1.Estimation of hemoglobin (PY3.11) 2. amphibian experiments (PY3.18)	3. Identification of carbohydrate (Disaccharide)	PSM Indicators of health
20.9.2019	Friday	Haemoglobin Chemistry (C-1) (Bi5.2) <b>integration with PHYSIOLOGY</b>	5.Back: Cutaneous innervation, Muscles attaching the Scapula to trunk, Movements of scapula, Triangle of Auscultation, Sternoclavicular & Acromioclavicular Joint. <b>AN 10.8, 10.9, 13.4</b>	DOAP Dissection- Upper Limb-3		1.Estimation of hemoglobin (PY3.11) 2. amphibian experiments (PY3.18)	3. Identification of carbohydrate (Polysaccharide)	biochemistry ECE Dept. of medicine

21.9.2019	Saturday	Plasma Protein(C-1) (Bi5.4)	6.Deltoid region: Deltoid, supraspinatus, Teres Major, Teres minor, Subscapularis, Axillary nerve Muscles attaching the scapula to humerus, Quadrangular & triangular spaces. Anastomosis Around scapula. <b>AN 10.9 TO 10.11</b>	DOAP Dissection- Upper Limb-4		1. total RBC Count (PY2.11) 2. amphibian experiments (PY3.18)	SDL - Biochemistary	biochemistry Nesting with medicine
22.9.2019	<b>Sunday</b>							
23.9.2019	Monday	Pathophysiology, types, and management of anemia including ESR, PCV, and blood indices & O.F. (PY2.5, 2.11) <b>Vertical integration Pathology</b>	7. Shoulder joint, <b>AN 10.10 &amp; 10.12</b>	DOAP Dissection- Upper Limb-5		1. total RBC Count (PY2.11) 2. amphibian experiments (PY3.18)	3. Identification of carbohydrate (Polysaccharide)	AETCOM
24.9.2019	Tuesday	Fate of RBCs and Jaundice (PY2.5) Vertical integration Pathology	8. Anterior compartment of arm, Cutaneous nerves & Blood vessels, Muscles of Anterior Compartment, Brachial artery, Musculo Cutaneous nerve, Ulnar nerve & Median nerve <b>AN 11.1 TO 11.3, 13.1</b>	DOAP Dissection- Upper Limb-6		1. total RBC Count (PY2.11) 2. amphibian experiments (PY3.18)	3. Identification of carbohydrate (Polysaccharide)	physiology ECE Medicine Jaundice & anemia
25.9.2019	Wednesday	Blood group and physiology of transfusion medicine and blood banking (PY2.9)	9. Cubital fossa, Posterior compartment of arm, Muscles, Nerves and vessels, <b>AN 11.5</b>	Small Group Teaching Tutorial Cubital Fossa- 1		1. PCV with blood indices (PY2.11) 2. amphibian experiments (PY3.18)	3. SDL/FA Unknown carbohydrate identification (Small group)	physiology ECE Blood Bank Visit
26.9.2019	Thursday	Formation, structure & functions of platelets and variations (PY 2.7)	10. Elbow joint and Anastomosis around elbow <b>AN 11.6, 13.3</b>	DOAP Dissection- Upper Limb-7		1. PCV with blood indices (PY2.11) 2. amphibian experiments (PY3.18)	3. SDL/FA Unknown carbohydrate identification (Small group)	practical PSM
27.9.2019	Friday	Chemistry of Proteins (C-3) (Structure, Classification & function of amino acid) (Bi5.1)	11. Cutaneous nerves and vessels of forearm, Arrangement of Muscles, superficial group. <b>AN 12.1</b>	DOAP- Hip Bone <b>AN 14.1, 14.2, 14.4</b>		1. PCV with blood indices (PY2.11) 2. amphibian experiments (PY3.18)	3. SDL/FA Unknown carbohydrate identification (Small group)	Sports/AETCOM
28.9.2019	Saturday	Classification & function of protein (Bi5.1)	12. Deep muscles of forearm, Radial, Ulnar arteries And nerves, Intermuscular spaces of Parona <b>AN 12.2</b>	DOAP- Hip Bone <b>AN 14.1, 14.2, 14.4</b>		1. BT & CT (PY2.11) 2. amphibian experiments (PY3.18)	SDL/FA BIOCHEMISTRY	Sports/AETCOM
29.9.2019	<b>Sunday</b>							

30.9.2019	Monday	Physiology of haemostasis, clotting factors, Bleeding & clotting disorders, anticoagulants and fibrinolysis (PY2.8) Pathology Vertical Integration	13. Flexor retinaculum, Palmar aponeurosis, Synovial Sheath, Fibrous flexor sheath, Digital Synovial Sheath of flexor tendons <b>AN 12.3, 12.4, 12.9</b>	DOAP- Femur <b>AN 14.1 TO 14.4</b>		1. BT & CT (PY2.11) 2. amphibian experiments (PY3.18)	3. Identification of protein (Colour reactions of protein)	Sports/AETCOM
1.10.2019	Tuesday	WBC- leucopoiesis and its regulation, WBC - structure & function (PY2.6)	14. Muscles of Hand <b>AN 12.5</b>	DOAP- Femur + Patella <b>AN 14.1 TO 14.4</b>		1. BT & CT (PY2.11) 2. amphibian experiments (PY3.18)	3. Identification of protein (Colour reactions of protein)	Sports/AETCOM
2.10.2019	Wednesday	<b>Gandhi Jayanti</b>						
3.10.2019	Thursday	Immunity – types and mechanism of development (PY2.10)	15. Arterial & Nerve supply of palmar aspect and applied. <b>AN 12.7</b>	DOAP- Tibia <b>AN 14.1 TO 14.4</b>		1.1. HB + RBC + PCV + BT & CT 2. Recording of BP (PY5.12)	3. Identification of protein (Colour reactions of protein)	Natural history of disease PSM
4.10.2019	Friday	Structural organization of protein (Bi5.1)	16. Palmar spaces, Extensor compartment of Forearm <b>AN 12.9, 12.10, 12.11</b>	DOAP Dissection- Upper Limb-8		1.1. HB + RBC + PCV + BT & CT 2. Recording of BP (PY5.12)	3. Precipitation reaction of protein	Nesting Biochemistry with Medicine
5.10.2019	Saturday	SDL/assignment/formative assessment test	17. Extensor retinaculum, Synovial sheaths, Extensor Expansion, Nerves and vessels at the back of Forearm <b>AN 12.12, 12.14, 12.15</b>	DOAP Dissection- Upper Limb-9		Lecture 2-3 p.m. Physiology 2-3 p.m. – Applied aspect of immunity – AIDS, hypersensitivity reactions, autoimmunity, transplant rejection (PY2.10) Vertical Integration PSM Vaccination	Tutorial / Seminar 3-4 p.m.	sports
6.10.2019	Sunday							
7.10.2019	Monday	Structure & functions of neuron and nerve fiber (PY3.1)	18. Nerves and Arteries of the back of hand <b>Horizontal Integration Physiology AN 12.12, 12.14, 12.15</b>	DOAP Dissection- Upper Limb-10		1.1. HB + RBC + PCV + BT & CT 2. Recording of BP (PY5.12)	3. Precipitation reaction of protein	Sports/AETCOM
8.10.2019	Tuesday	<b>Dussehra</b>						
9.10.2019	Wednesday	Types, classification and properties of nerve fiber (PY3.2)	19. Radio ulnar Joints and Wrist joint <b>AN 13.3</b>	<b>SDL</b>		1. HB + RBC + PCV + BT & CT 2. CVS examination (PY5.15)	3. Precipitation reaction of protein	Sports/AETCOM
10.10.2019	Thursday	Degeneration & regeneration of nerve fibers and nerve growth factors (PY3.3)	20. Other small joints, Movements of thumb and Fingers. <b>AN 13.3</b>	DOAP Radiology – Upper limb <b>AN 13.5</b>		1. HB + RBC + PCV + BT & CT 2. CVS examination (PY5.15)	3. Identification of protein (Albumin/globulin)	Epidemiology Trial PSM

11.10.2019	Friday	Chemistry of lipids (C-3) Classification, function of lipid (Bi4.1)	21.Complete Course of Median, Ulnar & Radial Nerves in Upper Limb & applied aspects <b>AN 11.4, 12.8, 12.13</b>	Vertical Integrated learning Injuries of upper limb. <b>Dept.of Orthopaedics</b>		1.HB + RBC + PCV+ BT&CT 2.CVS examination (PY5.15)	3. Identification of protein (Albumin/globulin)	<b>ECE-ANATOMY,</b> Dept.of Orthopaedics, Case Demonstrations
12.10.2019	Saturday	<b>Compound lipids &amp; prostaglandins (Bi4.6)</b>	1.Front of Thigh, Superficial fascia, Saphenous opening, Inguinal and Lymphatic drainage of Lower limb, Saphenous vein, Cutaneous nerves. <b>AN 15.1</b>	DOAP, Surface Marking – Upper Limb <b>AN 13.6, 13.7</b>		Theory lecture 2-3 p.m Physiology 2-3 p.m. - .Neuromuscular Junction- structure & transmission (PY3.4) . &	Tutorial / Seminar	<b>ECE- ANATOMY,</b> Functional rehabilitation of nerve injuries- Upper Limb, Dept of physiotherapy
13.10.2019	<b>Sunday</b>							
14.10.2019	Monday	Applied physiology of NMJ – neuromuscular blockers and myasthenia gravis (PY3.5 .3.6) Pharmacology Vertical Integration	2.Fascia lata, Iliotibial tract, Patellar bursa, Inguinal ligament, Femoral sheath, Femoral canal, Femoral Hernia. Psoas Abscess <b>AN 20.3, 20.4</b>	DOAP, Fibula <b>AN 14.1</b>		1.HB + RBC + PCV+ BT&CT 2.Recording of ECG (PY5.13)	3. Identification of protein (Albumin/globulin)	<b>physiology ECE</b> Anesthesia
15.10.2019	Tuesday	Structure and functions of various types of muscle (PY3.7) Anatomy Horizontal Integration	3.Femoral triangle: its muscles, & its contents. Horizontal Integration Physiology <b>AN 15.2 TO 15.4</b>	DOAP Dissection- Lower Limb-1		1.HB + RBC + PCV+ BT&CT 2.Recording of ECG (PY5.13)	3. Identification of protein (Casein)	Sports/AETCOM
16.10.2019	Wednesday	Properties of skeletal muscle and comparison with smooth and cardiac muscle (PY3.8)	4.Adductor canal, Boundaries & Contents Quadriceps femoris muscles, Tensor fascia lat. <b>Horizontal Integration Physiology AN 15.1, 15.5</b>	DOAP Dissection- Lower Limb-2		1.HB + RBC + PCV+ BT&CT 2.Recording of ECG (PY5.13)	3. Identification of protein (Casein)	Sports/AETCOM
17.10.2019	Thursday	Molecular Basis of muscle contraction and relaxation in skeletal and smooth muscles (PY3.9)	5.Medial side of Thigh, Adductor group of muscles, Obturator artery, Obturator nerve, Obturator externus, Psoas major & Iliacus muscles. <b>Horizontal Integration Physiology AN 15.2</b>	DOAP, Dissection- Lower Limb-3		1.HB + RBC + PCV+ BT&CT 2.GE + PTR+BP+CVS+ECG	3. Identification of protein (Casein)	Dynamics of disease transmission PSM
18.10.2019	Friday	Lipoprotein & clinical aspects (Bi4.2)	6.Gluteal Region : Cutaneous nerves, Gluteus maximus & Structure deep to Gluteus maximus. <b>AN 16.1</b>	DOAP, Dissection- Lower Limb-4		1.HB + RBC + PCV+ BT&CT 2.GE + PTR+BP+CVS+ECG	3. Identification of protein (Peptone & gelatin)	Biochemistry ECE with medicine

19.10.2019	Saturday	<b>Biochemisry:-</b> Nucleic acid chemistry & Synthetic nucleotide(C-1) (Bi17.1)	7.Gluteal region contd.: Small muscles of Hip Joint, Gluteus medius, gluteus minimus, Superior Gluteal vessels and nerve, Sciatic nerves. <b>Horizontal Integration Physiology AN 16.1 TO 16.3</b>	DOAP, Dissection- Lower Limb-5		Theory lecture 2-3 p.m.PHYSIOLOGY 2-3 P.M --- Gradation and types of muscle contraction – strength duration curve (PY3.10, 3.12, 3.17) from 2-3 p.m. & horizontal integration with anatomy	Tutorial/ Seminar	AETCOM
20.10.2019	<b>Sunday</b>							
21.10.2019	Monday	Energy source and muscle metabolism (PY3.11)	8.Back of thigh: Muscles, Blood vessels and Nerves.Sciatic Nerve Injury during Gluteal Intramuscular injection. <b>Horizontal Integration Physiology AN 16.2, 16.4, 16.5</b>	DOAP, Dissection- Lower Limb-6		1.HB + RBC + PCV+ BT&CT 2.GE + PTR+BP+CVS+ECG	3. Identification of protein (Peptone & gelatin)	Sports/AETCOM
22.10.2019	Tuesday	<b>Diwali</b>						
23.10.2019	Wednesday	<b>Diwali</b>						
24.10.2019	Thursday	<b>Diwali</b>						
25.10.2019	Friday	<b>Diwali</b>						
26.10.2019	Saturday	<b>Diwali</b>						
27.10.2019	Sunday							
28.10.2019	Monday	<b>Diwali</b>						
29.10.2019	Tuesday	<b>Diwali</b>						
30.10.2019	Wednesday	<b>Diwali</b>						
31.10.2019	Thursday	<b>Diwali</b>						
1.11.2019	Friday	AIDS (C-1) (Bi11.17)	9.Popliteal fossa : boundries and contents <b>AN 16.6</b>	DOAP- Tarsals <b>AN 14.1</b>		1. Revision -Hb+RBC+PCV & indices + BT&CT 2. GE +PTR+BP+CVS+ECG	3. Identification of protein (Peptone & gelatin)	Sports/AETCOM
2.11.2019	Saturday	Enzyme(classification, isoenzymes & machanism of enzyme action) (C-3) (Bi2.1)	10.Hip joint :Movements and its applied aspect. <b>AN 17.1 TO 17.3</b>	DOAP--Meta Tarsals <b>AN 14.1</b>		Seminar/ Tutorial	SDL	Sports/AETCOM
3.11.2019	<b>Sunday</b>							
4.11.2019	Monday	Muscular dystrophies Myopathies, EMG and other applied aspects (PY3.13)	11.Front of Leg and Dorsum of Foot, Cutaneous nerves of front & back of leg & foot , Deep Fascia and Muscles of Anterior compartment of leg, <b>AN 18.1</b>	Small Group Teaching Tutorial- Popliteal Fossa		1. Revision -Hb+RBC+PCV & indices + BT&CT 2. GE +PTR+BP+CVS+ECG	3. SDL/FA Unknown Protein Identification	physiology ECE Physiotherapy applied aspect

5.11.2019	Tuesday	ASSIGNMENT / PCT – Nerve Muscle	12.Muscles contd: Deep Peroneal Nerve, Anterior tibial artery, Dorsalis Pedis Artery, Extensor Digitorum Brevis <b>AN 18.2, 18.3</b>	DOAP, Dissection- Lower Limb-7		1. Revision -Hb+RBC+PCV & indices + BT&CT 2. GE +PTR+BP+CVS+ECG	3. SDL/FA Unknown Protein Identification	AETCOM
6.11.2019	Wednesday	Introduction – functional anatomy of the heart including chambers & conducting tissue and nerve supply (PY5.1) Horizontal integration Anatomy	13.Lateral side of leg:peroneal compartment peroneal nerve: Superficial& deep, back of leg Superficial muscles of calf <b>AN19.1 TO 19.4</b>	DOAP, Dissection- Lower Limb-8		1. Revision -Hb+RBC+PCV & indices + BT&CT 2. GE +PTR+BP+CVS+ECG	3. SDL/FA Unknown Protein Identification	AETCOM
7.11.2019	Thursday	Cardiac muscle – morphology and properties – electrical & mechanical (PY5.2)	14.Deep Muscles of Posterior compartment of leg, Posterior Tibial Artery, Tibial nerve, venous drainage of lower Limb <b>AN19.2, 20.3, 20.5</b>	DOAP, Dissection- Lower Limb-9		1. Revision -Hb+RBC+PCV & indices + BT&CT 2. GE +PTR+BP+CVS+ECG	3. Colorimetry & estimation of SGOT/SGPT (Bi11.13)	Practical PSM
8.11.2019	Friday	Enzymes (competitive, uncompetitive & noncompetitive, inhibition) (Bi2.4)	15.Sole of Foot, Plantar Aponeurosis, I & II Layers of Sole <b>AN 19.2</b>	DOAP - Sternum <b>AN 21.1, 21.2</b>		1. Revision -Hb+RBC+PCV & indices + BT&CT 2. GE +PTR+BP+CVS+ECG	3. Colorimetry & estimation of SGOT/SGPT(Bi11.13)	Sports/AETCOM
9.11.2019	Saturday	Enzymes (diagnostic importance of different enzymes) (Bi2.6)	16.III & IV,V & VI Layers of Sole <b>AN 19.2</b>	DOAP -Thoracic Vertebrae <b>AN 21.1, 21.2</b>		Seminar / Tutorial	SDL	Nesting with pathology & medicine
10.11.2019	<b>Sunday</b>							
11.11.2019	Monday	Heart as a pump – cardiac cycle - volume & pressure changes, heart sounds & murmurs (PY5.3)	17.Knee joint <b>AN18.4 TO 18.7</b>	DOAP, Dissection- Lower Limb-10		1.PCT- Hematology 2. GE +PTR+BP+CVS+ECG	3. Colorimetry & estimation of SGOT/SGPT (Bi11.13)	Sports/AETCOM
12.11.2019	Tuesday	<b>Gurunanak Jayanti</b>						
13.11.2019	Wednesday	Generation & conduction of cardiac impulse – principles of ECG (PY5.4)	18.Knee joint contd.: Ankle joint, Applied aspect of Knee & Ankle joints <b>AN18.1 TO 18.7, 20.1</b>	Verical Integrated Teaching, Joint Replacement Dept.of Orthopaedics		1.PCT- Hematology 2. GE +PTR+BP+CVS+ECG	3. Analysis of Physiologically important neutral substances	Cncept of disease control PSM
14.11.2019	Thursday	Interpretation of normal ECG, cardiac axis and applied aspect – MI, arrhythmia, heart block (PY5.5, 5.6)	19.Tibio-fibular joints, Arches of foot, Anomalies of arches <b>AN 20.1</b>	DOAP - Ribs-1 <b>AN 21.1, 21.2</b>		1.PCT- Hematology 2. GE +PTR+BP+CVS+ECG	3. Analysis of Physiologically important neutral substances	Physiology ECE cardiology ECG

15.11.2019	Friday	Biological oxidation (C-2)	20.Sub-talar joint, Inversion & Eversion of foot and other joints. <b>AN 20.2</b>	Vertical Integrated Teaching, Clinical aspects of lower limb Dept.of Orthopaedics		1.Determination of osmotic fragility & specific gravity (PY2.12) 2. GE +PTR+BP+CVS+ECG	3. Analysis of Physiologically important neutral substances	<b>ECE- ANATOMY</b> , Dept.of Orthopaedics, Case Demonstrations
16.11.2019	Saturday	oxidative phosphorylation Horizontal integration with Anatomy	1.Intercostal muscles, Nerves, Vessels and Internal thoracic Artery. <b>Horizontal integration with Biochemistry AN 21.3 TO 21.7</b>	DOAP-Ribs-2 <b>AN 21.1, 21.2</b>		Seminar / Tutorial	SDL	<b>ECE - ANATOMY</b> , Dept.of Orthopaedics, Trendelenberg Demonstrations
17.11.2019	<b>Sunday</b>							
18.11.2019	Monday	INTEGRATION ECG Vertical Integration Medicine	2.Mediastinum: Subdivisions, Superior, Anterior, Posterior, Middle; Pleura: structures visible through pleura and applied Anatomy of pleura, <b>AN 21.11, 24.1</b>	DOAP, Dissection- Thorax-1		1.Determination of osmotic fragility & specific gravity (PY2.12) 2. GE +PTR+BP+CVS+ECG	3. Analysis of Physiologically important substances	Sports/AETCOM
19.11.2019	Tuesday	Vascular tree and hemodynamics (PY5.7)	3.Phrenic nerve, Lungs, Bronchopulmonary Segments and their applied importance, <b>AN 24.2 TO 24.5</b>	Vertical Integrated Teaching, Clinical aspects of Lung, Pleura & Bronchopulmonary Segments, Dept. of Respiratory medicine		1.Determination of osmotic fragility & specific gravity (PY2.12) 2. GE +PTR+BP+CVS+ECG	3. Analysis of Physiologically important substances	<b>ECE ANATOMY</b> , Dept. of Respiratory medicine, Case Demonstrations of Respiratory diseases
20.11.2019	Wednesday	Heart rate, pulse factors affecting HR and its regulation (PY5.9) Vertical Integration Medicine & Anatomy	4.Superficial cardiac plexus; Pericardium and its applied Importance and External features of Heart, <b>Horizontal Integration Physiology AN 22.1,22.2</b>	DOAP, Dissection- Thorax-2		1. Blood group and ESR (PY2.11, 2.12) 2. Revision -GE +PTR +BP+CVS+ECG	3. Analysis of Physiologically important substances	Sports/AETCOM
21.11.2019	Thursday	Venous return & its regulation – respiratory pump & muscle pump (PY5.9) ,Horizontal Integration Anatomy	5.Blood supply of Heart: Arterial & Venous drainage; Applied Anatomy of Coronary arteries, <b>Horizontal Integration Physiology AN 22.3 TO 22.5, 22.7</b>	DOAP, Dissection- Thorax-3		1. Blood group and ESR (PY2.11, 2.12) 2. Revision -GE +PTR +BP+CVS+ECG	3. Colorimetric & estimation of Cholesterol (Bi11.9)	Sports/AETCOM



22.11.2019	Friday	Cardiac Marker & Lipid Profile (C-1) (Bi11.17) Horizontal Integration Anatomy	6.Interior of Heart: Right atrium, Right ventricle.Horizontal integration with Biochemistry <b>AN 22.2 TO 22.4</b>	DOAP, Dissection- Thorax-4		1. Blood group and ESR (PY2.11, 2.12) 2. Revision -GE +PTR +BP+ CVS+ECG	3. Colorimetric & estimation of Cholesterol (Bi11.9)	Integration with anatomy & medicine
23.11.2019	Saturday	Carbohydrates Metabolism(digestion absorbtion & glycolysis) (C-4) (Bi3.2)	7.Interior contd.: Left atrium, Left ventricle, & Applied Anatomy of valves, <b>AN 22.2, 22.7</b>	Small Group Teaching, Tutorial- Chambers of Heart, <b>Horizontal Integration Physiology</b>		Seminar /Tutorial	SDL	AETCOM
24.11.2019	<b>Sunday</b>							
25.11.2019	Monday	Cardiac output - variation, regulation, measurement and patho-physiology of cardiac failure (PY5.9) Horizontal integration Anatomy	8.Fibrous Skeleton and Conducting system of heart, Action of heart, Applied anatomy of conducting system, Deep Cardiac plexus, <b>Horizontal Integration Physiology AN 22.6</b>	Vertical Integrated Teaching Ischemic heart Disease Dept Of Medicine		1.Total WBC count (PY2.11) 2. PCT –Human & clincial lab	3. Colorimetric & estimation of Cholesterol (Bi11.9)	<b>ECE,ANATOMY</b> Cardio-thoracic, surgeon, Topic-CABG
26.11.2019	Tuesday	Arterial blood pressure – factors affecting, measurement of BP	9.Vagus nerve, Descending thoracic aorta, Oesophagus, Thoracic sympathetic system, <b>AN23.1,23.4 TO 23.6</b>	<b>SDL</b>		1.Total WBC count (PY2.11) 2. PCT –Human & clincial lab	3. Analysis of normal constitute of Urine (Bi11.3)	Sports/AETCOM
27.11.2019	Wednesday	Regulation of blood pressure – short-term, intermediate, & long-term (PY5.9)	10.Trachea, Thoracic duct, Lymph nodes of thorax, Blood vessels of posterior thoracic wall, <b>AN 23.2,23.7,24.6</b>	DOAP, Radiology- Lower Limb <b>AN 20.6</b>		1.Total WBC count (PY2.11) 2. PCT –Human & clincial lab	3. Analysis of normal constitute of Urine (Bi11.3)	Sports/AETCOM
28.11.2019	Thursday	Cardiovascular regulatory mechanism – local & systemic (PY5.8)	11.Azygos and Hemiazzygos system of veins; Joints of thorax, <b>AN 21.8 21.10,23.3</b>	DOAP, Surface Marking- Lower Limb <b>AN- 20.6 TO 20.9</b>		1. WBC + BG +ESR +OF +SG 2. effect of posture and exercise on pulse & BP DOAP (PY5.12, 3.15)	3. Analysis of normal constitute of Urine (Bi11.3)	practical PSM
29.11.2019	Friday	Carbohydrates Metabolism (gluconeogenesis, glycogen metabolism, HMP shunt,) (Bi3.4)	12.Movements of ribs and Respiratory movements; Diaphragm <b>AN 21.9,47.14</b>	DOAP -Lumbar Vertebrae <b>AN 50.1 TO 50.3</b>		1. WBC + BG +ESR +OF +SG 2. effect of posture and exercise on pulse & BP DOAP (PY5.12, 3.15)	3. Estimation of Blood sugar (Bi3.10)	Sports/AETCOM

30.11.2019	Saturday	Carbohydrates Metabolism( TCA, uronic acid pathway& their regulation) (Bi3.6)	1.Anterior abdominal wall: Cutaneous innervation, Blood supply and Muscles, <b>AN 44.1,44.2,44.6,44.7</b>	DOAP, Radiology - Thorax <b>AN 25.7,25.8</b>		Seminar / Tutorial	SDL	ECE ANATOMY, Dept of RadioDiagnosis, X-Rays Thoracic regions
1.12.2019	Sunday							
2.12.2019	Monday	Patho-physiology of hypertension, hypovolemic shock, syncope and their management (PY5.11)	2.Rectus sheath, Fascia, transversalis, <b>AN 44.3</b>	DOAP Surface, marking - Thorax <b>AN 25.9</b>		1. WBC + BG +ESR +OF +SG 2. effect of posture and exercise on pulse & BP DOAP (PY5.12, 3.15)	3. Estimation of Blood sugar (Bi3.10)	physiologyECE Medicine surgery
3.12.2019	Tuesday	Microcirculation, capillary circulation and patho-physiology of edema (PY5.10)	3.Inguinal canal, Inguinal hernia, difference with femoral hernia. <b>AN 44.4,44.5</b>	DOAP Sacrum+ Pelvis <b>AN 50.2,50.4</b>		1. BG + OF +SG + WBC+ESR 2.CNS-examination of sensory system with higher functions DOAP (PY10.11)	3. Estimation of Blood sugar (Bi3.10)	Sports/AETCOM
4.12.2019	Wednesday	Coronary circulation & patho-physiology of CAD (PY5.10)	4.Male external genitalia: Penis, Scrotum, Testis, Spermatic cord. <b>AN 46.1 TO 46.5</b>	DOAP - pelvis contd... <b>AN 50.4</b>		1. BG + OF +SG + WBC+ESR 2.CNS-examination of sensory system with higher functions DOAP (PY10.11)	3. GTT (Bi 3.10)	physiologyECE Medicine cardiology
5.12.2019	Thursday	Cerebral circulation & BBB (PY5.10) Cutaneous circulation & triple response	5. Female External Genitalia. Abdominal cavity: Shape, Boundaries, Division Disposition of viscera <b>AN 47.1</b>	DOAP Dissection- Abdomen-1		1. BG + OF +SG + WBC+ESR 2.CNS-examination of sensory system with higher functions DOAP (PY10.11)	3. GTT (Bi 3.10)	Nutrition PSM
6.12.2019	Friday	Carbohydrates Metabolism (intigration of carbohydartes with associate disease &Diabetes Mellitus) (Bi3.5)	6.Horizontal & vertical disposition of Peritoneum(contd) <b>AN 47.2 TO 47.4</b>	DOAP Dissection- Abdomen-2		1. BG + OF +SG + WBC+ESR 2.CNS-examination of motor system DOAP (PY10.11)	3. GTT (Bi 3.10)	Biochemistry ECE with Medicine
7.12.2019	Saturday	Nucleic acid Metabolism(synthesis of purine & pyramidine (C-3) (Bi6.2)	7. Abdominal part of Oesophagus, Stomach <b>AN 47.5</b>	DOAP Dissection- Abdomen-3		Seminar	SDL	Sports/AETCOM
8.12.2019	Sunday							

9.12.2019	Monday	Splanchnic circulation, muscle circulation and pulmonary circulation & pulmonary hypertension (PY5.10)	8.Spleen. <b>AN47.5</b>	Verical Integrated Teaching, Abdominal Incisions, Ascites Peritonitis,Vagotomy, Splenectomy Dept.of Surgery		1. BG + OF +SG + WBC+ESR 2.CNS-examination of motor system DOAP (PY10.11)	3. analysis of abnormal constitute of urine &Urine Report (Bi 11.4)	<b>ECE - ANATOMY,</b> Dept. of Surgery, Surgical Case demonstrations
10.12.2019	Tuesday	Lymph and lymphatic circulation	9.Small Intestines, Mesentery, Gross anatomy, Blood supply & Nerve supply <b>AN 47.5</b>	Small Group Teaching Tutorial-stomach and spleen		1. BG + OF +SG + WBC+ESR 2.CNS-examination of motor system DOAP (PY10.11)	3. analysis of abnormal constitute of urine &Urine Report (Bi 11.4)	Sports/AETCOM
11.12.2019	Wednesday	SDL - ASSIGNMENT /PCT on CVS	10.Caecum and Appendix and its applied anatomy. <b>AN 47.5, 47.6</b>	DOAP Dissection- Abdomen-4		1. BG + OF +SG + WBC+ESR 2.CNS-examination of reflexes DOAP (PY10.11)	3. analysis of abnormal constitute of urine &Urine Report (Bi 11.4)	Sports/AETCOM
12.12.2019	Thursday	Introduction and functional organization of nervous system (PY10.1)	11.Colon: Ascending, Transverse, Descending, Sigmoid colon and Sigmoid mesocolon <b>AN 47.5</b>	DOAP Dissection- Abdomen-5		1. BG + OF +SG + WBC+ESR 2.CNS-examination of reflexes DOAP (PY10.11)	3. Colorimetric estimation of Urea & uric acid	Nutrition PSM
13.12.2019	Friday	Nucleic acid Metabolism (catabolism of purine & pyrimidine) (Bi6.3)	12.Duodenum, <b>AN47.5</b>	DOAP Dissection- Abdomen-6		1. BG + OF +SG + WBC+ESR 2.CNS-examination of reflexes DOAP (PY10.11)	3. Colorimetric estimation of Urea & uric acid	Sports/AETCOM
14.12.2019	Saturday	Nucleic acid Metabolism related disorders & gout (Bi6.10)	13.Gall bladder & its applied Anatomy ,Extra hepatic biliary apparatus <b>AN 47.5, 47.6, 47.7</b>	DOAP Dissection- Abdomen-7		Seminar / Tutorial	SDL	Biochemistry ECE with Medicine
15.12.2019	<b>Sunday</b>							
16.12.2019	Monday	Synapse – structure and transmission (PY10.2)	14.Pancreas, Liver <b>AN 47.5</b>	DOAP Dissection- Abdomen-8		1. Revision BG + OF +SG + WBC+ESR 2. BP with exercise and posture +Sensory + motor + reflexes	3. Colorimetric estimation of Urea & uric acid	Sports/AETCOM
17.12.2019	Tuesday	Properties of synapse and applied aspect (PY10.2)	15.Liver Contd.. <b>AN 47.5, 47.6</b>	Small Group teaching Tutorial- Liver <b>Horizontal Integration Biochemistry</b>		1. Revision BG + OF +SG + WBC+ESR 2. BP with exercise and posture +Sensory + motor + reflexes	3. Analysis of milk and Introduction to LFT	Sports/AETCOM
18.12.2019	Wednesday	Receptors – type , properties, functions and applied aspect (PY10.2)	16.Kidney, abdominal part of Ureter <b>AN 47.5</b>	DOAP Dissection- Abdomen-9		1. Revision BG + OF +SG + WBC+ESR 2. BP with exercise and posture +Sensory + motor + reflexes	3. Analysis of milk and Introduction to LFT	Sports/AETCOM

19.12.2019	Thursday	Ascending tracts – somatic sensations (PY10.2) Horizontal Integration Anatomy	17.Abdominal aorta, Inferior vena cava. Supra-renal Glands <b>AN 47.8, 47.9</b>	DOAP Dissection- Abdomen-10		1. Revision rotation 2. BP with exercise and posture +Sensory + motor + reflexes	3. Analysis of milk and Introduction to LFT	nutrition PSM
20.12.2019	Friday	Nutrition (C-1) (Bi8.1 & 8.2)	18.Posterior abdominal wall, its muscles, fascia, Peritoneum, Exposure of kidney from Behind <b>AN 45.1, 45.3, 47.12</b>	DOAP Dissection- Abdomen-11		1. Revision rotation 2. BP with exercise and posture +Sensory + motor + reflexes	3. Analysis of Bread	Sports/AETCOM
21.12.2019	Saturday	Neurotransmitter (C-1)	19.Lumbar plexus,Autonomic Nervous System celiac ganglion . lumbar vessels <b>AN 45.2, 47.12</b>	DOAP Dissection- Abdomen-12		Seminar/ Tutorial	SDL	Sports/AETCOM
22.12.2019	Sunday							
23.12.2019	Monday	Pathophysiology of pain and applied aspect – endogenous pain inhibition	20.Portal Vein, Porta-caval anastomosis, lymphatic Drainage <b>AN 47.8,47.10, 47.11</b>	Vertical Integrated Teaching Medical management of Abdominal diseases Dept.Of medicine		1. Revision rotation 2. BP with exercise and posture +Sensory + motor + reflexes	3. Analysis of Bread	ECE - ANATOMY, Dept.Of medicine, Case of Portal hypertension
24.12.2019	Tuesday	Reflex arc & reflex action – type of reflexes and applied aspect (PY10.2)	1.Boundaries of perineum, anal region, Ischiorectal fossa. <b>AN 49.1, 49.4, 49.5</b>	DOAP Dissection Pelvis-1		1. Revision rotation 2. BP with exercise and posture +Sensory + motor + reflexes	3. Analysis of Bread	Physiology ECE with Neurology
25.12.2019	Wednesday	<b>Christmas</b>						
26.12.2019	Thursday	Stretch reflex – muscle spindle and golgi tendon organ	2.Urogenital region-superficial and deep perineal pouch, pudendal canal <b>AN 49.1, 49.3</b>	DOAP Dissection Pelvis-2		1.Revision rotation 2. BP with exercise and posture +Sensory + motor + reflexes	3. Colorimetric estimation of serum total protein (Bi 11.8)	Practical PSM
27.12.2019	Friday	LFT/RFT (Bi.6.14 & 6.15)	3.Disposition of pelvic viscera, peritoneal reflection. Muscles of lateral pelvic wall. <b>AN 48.2</b>	DOAP Dissection Pelvis-3		1. Revision rotation 2. BP with exercise and posture +Sensory + motor + reflexes	3. Colorimetric estimation of serum total protein (Bi 11.8)	AETCOM
28.12.2019	Saturday	SDL/assignment/formative assisment test	4.Rectum and anal canal, Per rectal examination. <b>AN 48.5, 48.8</b>	DOAP Dissection Pelvis-4		Seminar /Tutorial	SDL	Sports/AETCOM
29.12.2019	<b>Sunday</b>							
30.12.2019	Monday	Spinal cord – functional organization , functions, and applied aspect (PY10.6)	5.Urinary bladder, Seminal vesicle. Pelvic part of Ureter <b>AN 48.5, 48.6</b>	DOAP Dissection Pelvis-5		1. SDL, 2. BP with exercise and posture +Sensory + motor + reflexes	3. Colorimetric estimation of serum total protein (Bi 11.8)	Sports/AETCOM

31.12.2019	Tuesday	ASSIGNMENT ON CNS	6. Prostate, male and female urethra, vas deferens. <b>AN 48.7</b>	Vertical Integrated Teaching Surgical Aspect of urinary system Dept. of Surgery		1.SDL, 2. BP with exercise and posture +Sensory + motor + reflexes	3. Colorimetric estimation of serum total albumin & A/G ratio	Sports/AETCOM
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