

DATE	DAY	8-9 AM	9-10 AM	10-11 AM	11-12:30	1-2 PM	3-4 PM	
9/2/2019	MONDAY		AN 1.1b Describe a light microscope, its parts, uses and handling with tissue preparation (ALT)	<b>Phy L1:</b> PY 1.1mamalian cell structure, cell organelle, outline of cell membrane structure, composition & Function	<b>Phy-Pract1PY2.11 Total count RBC/</b> AN1.1b Demonstration of parts of light microscope and its handling (HISTO LAB)/ <b>BI-1.1: SGD-1:</b> Describe the Molecular and functional organization of cell and subcellular organelles.	AN1.1 Describe normal anatomical position, various planes, relation, comparison, laterality & movement in our body. (ALT)	AN 82.1 Demonstrate respect and follow the correct procedure when handling cadavers and other biologic tissue Oath Taking	
9/3/2019	TUESDAY	AN 76.1 Describe the stages of human life (ALT)	<b>Phy L2: PY1.6: Body fluid compartments, its ionic composition and measurement</b>	<b>BI-2.1: L1:</b> Explain fundamental concepts of enzyme, co-enzymes, co factors. Enumerate IUBMB classification:	<b>Phy-Pract2 PY2.11 Total count RBC/</b> AN1.1b Demonstration of parts of light microscope and its handling (HISTO LAB)/ <b>BI: 1.1: SGD-1:</b> Describe the molecular and functional organization of cell and subcellular organelles.	AN1.1a. Demonstrate normal anatomical position, various planes, relation, comparison (DH & DR)	<b>Phy L3:</b> PY 2.1 Describe composition and functions of blood components a. Define blood and major components of blood b. methods of separation of plasma c. Difference between whole blood, plasma and serum	
9/4/2019	WEDNESDAY		<b>BI2.3:L2:</b> Describe and explain the basic principles of enzyme activity:	AN2.1, 2.3 Describe blood and nerve supply of a long bone. Special feature of sesamoid bone (ALT)	<b>Phy-Pract 3PY2.11 Total count RBC/</b> AN1.1b Demonstration of parts of light microscope and its handling (HISTO LAB)/ <b>BI: 1.1: SGD-1:</b> Describe the molecular and functional organization of cell and subcellular organelles.	<b>Phy L4 PY 2.4a</b> Describe RBC formation and its regulations, functions of RBC a. Defn of erythropoiesis b. Sites of erythropoiesis in different ages of life c. Different types of bone marrow and its changes with life d. Stages of erythropoiesis with diagram ,	AN1.2 Demonstrate different types of bones including long, short, irregular, sesamoid, flat & pneumatic bones (DH & DR)	
9/5/2019	THURSDAY		AN 65.1(a), 65.2 (a) Describe various types of simple epithelium with functional correlation & ultra structure (ALT)	<b>BI-2.4:L3.</b> Enzyme inhibitors as poisons, drugs, therapeutic agents: Describe and discuss:	<b>Phy-Pract 4PY2.11 Total count RBC/</b> AN 65.1(a), 65.2 (a) Identify various types of simple epithelium under microscope (HISTO LAB) <b>BI-2.2: Tutorial:1:</b> Observe Estimation of SGOT and SGPT:	<b>Phy L5: PY 2.4 b</b> Regulation of erythropoiesis, functions of RBC,	AN1.2 Demonstrate different parts of bones - long bones and vertebra (including curvature of the vertebral column) (DH & DR)	
9/6/2019	FRIDAY	AN 73 Describe the structure of chromosomes with classification, Describe technique of karyotyping with its applications. Describe the Lyon's hypothesis (ALT)	<b>BI-2.5: L4:</b> Clinical utility of enzymes as markers for clinical conditions: Describe and Discuss:	<b>Phy L6: Py 1.2 Principles of Homeostasis: General concept of homeostasis, negative &amp; positive feedback principle &amp; example, components of feedback control system</b>	<b>Phy-Pract5PY2.11 Total count RBC/</b> AN 65.1(a), 65.2 (a) Identify various types of simple epithelium under microscope (HISTO LAB) <b>BI-2.2: Tutorial:1:</b> Observe Estimation of SGOT and SGPT:	AN1.1b. Demonstrate laterality & movement in our body (DH & DR)	<b>Phy L7:</b> PY 1.3a: Intercellular Communications including : ion channel linked receptor, G protein linked receptor, enzyme linked receptor first messenger, second messenger with example, paracrine, endocrine communication, neural communication, cell adhesion molecule	
9/7/2019	SATURDAY	AN 74.1, 74.2 Describe the various modes of inheritance with examples. Draw pedigree charts for the various types of inheritance & give examples of diseases of each mode of inheritance (ALT)	<b>Phy L8:</b> PY 2.2 Origins, forms, variations and functions of plasma proteins a. Name various plasma proteins, b. sites of formation, functions of them c. Normal A/G ratio and its importance d. 3 clinical conditions of hypo & hyper proteinemia	AN 74.3 74.4 Describe multifactorial inheritance with examples. Describe the genetic basis & clinical features of Achondroplasia, Cystic Fibrosis, Vitamin D resistant rickets, Haemophilia, Duchene's muscular dystrophy & Sickle cell anaemia,	<b>Phy-Pract6PY2.11 Total count RBC/</b> AN 65.1(a), 65.2 (a) Identify various types of simple epithelium under microscope (HISTO LAB) <b>BI-2.2: Tutorial:1:</b> Observe Estimation of SGOT and SGPT:			
9/9/2019	MONDAY		AN 65.1(b), 65.2 (b) Describe various types of compound epithelium with functional correlation & ultra structure (ALT)	<b>Phy L9:PY PY 2.3 a</b> Describe and discuss the synthesis and functions of hemoglobin and explain its breakdown	<b>Phy Pract 7PY2.11 Estimation of Hb/</b> AN 65.1(a), 65.2 (a) Identify various types of compound epithelium under microscope (HISTO LAB)/ <b>BI- 11.4a. Pract-1: DOAP session:</b> Perform urine analysis to detect the normal constituents of urine.	AN 75.1, 75.2, 75.3 Describe the structural and numerical chromosomal aberrations. Explain the terms mosaics and chimeras with example. Describe the genetic basis & clinical features of Prader Willi syndrome, Edward syndrome & Patau syndrome	AN 8.1-8.4. Identify the given bone, its side, important features & keep it in anatomical position. Identify the joints formed by the given bone. Demonstrate imp muscle attachment to the given bone. Enumerate peculiarities of clavicle	
9/10/2019	TUESDAY	MUHARRAM						
9/11/2019	WEDNESDAY		<b>BI- 2.6: SGD-2:</b> Use of enzymes in lab investigations: Discuss:	AN1.2 & 71.1 Describe composition of bone and bone marrow, Describe microscopic feature of bone (ALT)	<b>Phy Pract 8PY2.11 Estimation of Hb/</b> AN 65.1(a), 65.2 (a) Identify various types of compound epithelium under microscope (HISTO LAB)/ <b>BI- 11.4a. Pract-1: DOAP session:</b> Perform urine analysis to detect the normal constituents of urine.	<b>Phy L10:</b> PY1.5: Transport across cell membrane a. Passive transport, simple & facilitated diffusion, osmosis, phagocytosis, pinocytosis, endo and exocytosis, receptor mediated endocytosis Active transport, sodium potassium ATP ase pump	AN 8.1-8.4. Identify the given bone, its side, important features & keep it in anatomical position. Identify the joints formed by the given bone. Demonstrate imp muscle attachment to the given bone. Enumerate peculiarities of clavicle	
9/12/2019	THURSDAY		AN 2.2, 2.5, 2.6 Classification of Joints, Laws of ossification, Nerve supply of Joint & Hilton's Law (ALT) (ECE)	<b>BI-2.7a: SGD-2:</b> Lab results of enzyme activities: Interpret:	<b>Phy Pract 9PY2.11 Estimation of Hb &amp; RBC indices/</b> AN 71.1 Identify the various types of bones under the microscope/ <b>BI- 11.4a. Pract-1: DOAP session:</b> Perform urine analysis to detect the normal constituents of urine.	<b>Phy L11:</b> PY 1.8 Molecular basis of Resting Membrane potential a. Definition of RMP b. Development of RMP c. Equilibrium potential & Nernst equation & donnan effect	AN 8.1, 8.2.8.4. Identify the scapula, its side, important features & keep it in anatomical position. Identify the joints formed by the given bone. Demonstrate imp muscle attachment to the given bone.	

9/13/2019	FRIDAY	AN 9.1, 8.2 Describe attachment nerve supply and action of pectoralis major and minor, Joints formed by Clavicle (ALT)	<b>Bi-2.7b: SGD-3:</b> Clinical use of enzymes for diagnosing pathological conditions:	<b>Phy L12:</b> PY 1.7 Describe the concept of pH & buffer system	<b>Phy Pract 10PY2.11 Estimation of Hb&amp; RBC indices/AN 65.1(a), 65.2 (a)</b> Identify various types of compound epithellium under microscope (HISTO LAB)/ <b>Bi-11.4b. Pract-2:DOAP session:</b> Perform urine analysis to detect the abnormal constituents of urine.	AN 8.1, 8.2,8.4, Identify the scapula, its side, important features & keep it in anatomical position, Identify the joints formed by the given bone, Demonstrate imp muscle attachment to the given bone.	<b>Phyl13 :</b> PY 1.8 aMolecular basis of Resting Membrane potential a. Definition of RMP b. Development of RMP c. Equilibrium potential & Nernst equation & donnan effect
9/14/2019	SATURDAY		<b>Phy L14:</b> PY 1.4 Apoptosis and programmed cell death mechanism how apoptosis differs from necrosis, its physiological significance	AN 9.2, 9.3 Breast: Describe the location, extent, deep relations, structure, age changes, blood supply, lymphatic drainage, microanatomy and applied anatomy of breast,Describe development of breast	<b>Phy Pract 11PY2.5PY2.11 Estimation of Hb&amp; RBC indices/AN 71.1</b> Identify the various types of bones under the microscope/ <b>Bi-11.4b. Pract-2: DOAP session:</b> Perform urine analysis to detect the abnormal constituents of urine.	AN 9.2, 9.3 Breast: Describe the location, extent, deep relations, structure, age changes, blood supply, lymphatic drainage, microanatomy and applied anatomy of breast,Describe development of breast	
9/16/2019	MONDAY		AN 2.4, 71.2 Describe various types of cartilage with its structure & distribution in body, & describe various types and structure- function correlation of the same (ECE)	<b>PhyL15:</b> PY1.8b Define graded potential, its type importance, Action potential definition, difference between AP and graded potential, Diagram of nerve AP, its ionic basis with phases	<b>Phy Tutorial 12 PY2.6 Describe WBC formation, factors regulating it,functions of WBC &amp; identification/AN 71.2</b> Identify the various types of cartilage under the microscope / <b>Bi-11.4b. Pract-2: DOAP session:</b> Perform urine analysis to detect the abnormal constituents of urine.	AN 3.1 ,3.3 Classify muscle tissue according to structure & action, Enumerate parts of skeletal muscle and differentiate between tendons and aponeuroses with examples, Explain Shunt and spurt muscles	AN 8.1, 8.2,8.4, Identify the humerus its side, important features & keep it in anatomical position, Identify the joints formed by the given bone, Demonstrate imp muscle attachment to the given bone. (ECE)
9/17/2019	TUESDAY	AN 67.1.2.3 Describe the structure & function of smooth and cardiac muscle, Describe the ultrastructure of muscular tissue same	<b>PhyL16:</b> PY 1.8c Propertities of AP, Monophasic and Biphasic AP	<b>Bi-2: Tutorial 1 with ECE:</b> Presentation of a case/paper case of a patient suffering from any enzyme disorder.	<b>PhyTutorial 13 PY2.6 Describe WBC formation, factors regulating it,functions of WBC &amp; identification/AN 71.1</b> Identify the various types of bones under the microscope/ <b>Bi-2: DOAP session:</b> Interpret the clinical utility of enzyme in diagnosis of pathological diseases	AN 8.1, 8.2,8.4, Identify the humerus its side, important features & keep it in anatomical position, Identify the joints formed by the given bone, Demonstrate imp muscle attachment to the given bone.	<b>Phyl17:</b> PY 3.4 Structure of neuro-muscular junction and transmission of impulses PY 3.5 N-M blocking agent PY 3.6 Pathophysiology of Myesthenia gravis
9/18/2019	WEDNESDAY		<b>Bi-5.1a:</b> LS Describe and discuss the structural organization of proteins.	AN 75.4,75.5 Describe genetic basis of variation: polymorphism and mutation, Describe the principles of genetic counselling	<b>PhyTutorial 14 PY2.6 Describe WBC formation, factors regulating it,functions of WBC &amp; identification/AN 71.2</b> Identify different types of cartilage under the microscope / <b>Bi-11.8. Pract-3:</b> Demonstrate estimation of serum proteins, albumin and A:G ratio.	<b>Phyl18:</b> PY 3.7 Different types of muscle fibers and their structure a. Skeletal muscle sarcomere b. Sarcoctubular system	AN 8.1, 8.2,8.4, Identify the bones of forearm its side, important features & keep it in anatomical position, Identify the joints formed by the given bone, Demonstrate imp muscle attachment to the given bone. (ECE)
9/19/2019	THURSDAY		AN76.2 Explain the terms- phylogeny, ontogeny, trimester, viability	<b>Bi-5.1b:</b> L6: Describe and discuss the differences between different structures of protein organization in context to their different functions.	<b>Phy SGD 15 PY2.6 Describe WBC formation, factors regulating it,functions of WBC &amp; identification/AN 67.1</b> Identify different types of muscles under the microscope/ <b>Bi-11.8. Pract-3:</b> Demonstrate estimation of serum proteins, albumin and A-G ratio.	<b>Phyl19:</b> PY 3.7 Difference between skeletal, cardiac and smooth muscle sarcomere <b>PY 3.8 Action potential and its properties in different muscles (skeletal, smooth)</b>	AN 8.1, 8.2,8.4, Identify the bones of forearm its side, important features & keep it in anatomical position, Identify the joints formed by the given bone, Demonstrate imp muscle attachment to the given bone.
9/20/2019	FRIDAY	AN77.1.2 Describe the uterine changes occurring during the menstrual cycle, Describe the synchrony between the ovarian and menstrual cycles	<b>Bi-5.1c:</b> L7: Explain the functional characteristics of hemoglobin and myoglobin in context of their structure-function relationship	<b>Phyl20:</b> PY 3.9 Describe the molecular basis of muscle contraction in skeletal & smooth muscle <b>PY3.17 Properties of Skeletal muscle. Strength duration curve</b>	<b>Phy SGD 16 PY2.6 Describe WBC formation, factors regulating it,functions of WBC &amp; identification/AN 71.2</b> Identify different types of cartilage under the microscope / <b>Bi-11.8. Pract-3:</b> Demonstrate estimation of serum proteins, albumin and A-G ratio.	AN 8.1, 8.2,8.4, Identify the bones of forearm its side, important features & keep it in anatomical position, Identify the joints formed by the given bone, Demonstrate imp muscle attachment to the given bone.	<b>Phyl21:</b> PY 3.10 Mode of muscle contraction (isotonic & isometric) <b>PY 3.12 Gradation of muscle contraction i.e motor unit</b>
9/21/2019	SATURDAY		<b>Phyl22:</b> PY 3.11 energy source & muscle metabolism <b>PY 3.13 Muscular dystrophies, myopathies</b>	AN 4 Describe different types of skin & dermatomes in body, Describe structure & function of skin with its appendages, Describe superficial fascia along with fat distribution in body, Describe modifications of deep fascia with its functions, Explain principles of skin incisions (ECE)	<b>Phy SGD 17 PY2.6 Describe WBC formation, factors regulating it,functions of WBC &amp; identification/AN 67.1</b> Identify different types of muscles under the microscope / <b>Bi-11.7. Prac-4:</b> Demonstrate the estimation of serum creatinine level.	AN77.2 Describe the synchrony between the ovarian and menstrual cycles	
9/23/2019	MONDAY			<b>Phyl23</b> PY 2.3b Describe and discuss the synthesis and functions of hemoglobin and explain its breakdown	<b>Phy Tutorial 18 PY2.11 Identification of WBC &amp; DLC/ AN 8.5, 8.6</b> Identify and name various bones in articulated hand, Specify the parts of metacarpals and phalanges and enumerate the peculiarities of pisiform, Describe scaphoid fracture and explain the anatomical basis of avascular necrosis/ <b>Bi-11.7. Prac-4:</b> Demonstrate the estimation of serum creatinine level.	AN 10.4, 10.7 Describe the anatomical groups of axillary lymph nodes and specify their areas of drainage, Explain anatomical basis of enlarged axillary lymph nodes	AN 9.1 Pectoral Region with clavipectoral fascia
9/24/2019	TUESDAY	AN 10.12 Describe shoulder joint for- type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements, muscles involved, blood supply, nerve supply	<b>Phy L24</b> PY 1.7 Concept of pH and buffer system <b>a. Role of different buffer system, Introduction to the role of Lungs and kidneys in maintaining acid-base homeostasis</b>	<b>Bi5.2: Tutorial 2:</b> Describe the changes in structure-function relationship in different hemoglobinopathies.	<b>Phy Tutorial 19 PY2.11 Identification of WBC &amp; DLCn/ AN 67.1</b> Identify different types of muscles under the microscope / <b>Bi-11.7. Prac-4:</b> Demonstrate the estimation of serum creatinine level.	Identify boundaries and contents of axilla, Identify and demonstrate the origin, extent, course, parts, relations and branches of axillary artery & tributaries of vein, Identify and demonstrate formation, branches, relations, area of supply of branches, course and relations of terminal branches of brachial plexus	<b>Phyl25 PY2.5 INTEGRATION ANAEMIA</b>

9/25/2019	WEDNESDAY		<b>Bi-5.3b: L 8:</b> Describe and discuss the diseases due to disorders of protein digestion and absorption.	AN 10.10 Describe the deltoid and rotator cuff muscles	<b>Phy Tutorial 20 PY2.11 Identification of WBC &amp; DLC/</b> AN 8.5, 8.6 Identify and name various bones in articulated hand, Specify the parts of metacarpals and phalanges and enumerate the peculiarities of pisiform, Describe scaphoid fracture and explain the anatomical basis of avascular necrosis/ <b>Bi-3.5:SGD 4:</b> Describe and discuss the regulation and different disorders of carbohydrate metabolic pathways.	<b>Phy L 26: PY 2.7 Describe the formation of platelets, functions and variations</b>	Identify boundaries and contents of axilla. Identify and demonstrate the origin, extent, course, parts, relations and branches of axillary artery & tributaries of vein. Identify and demonstrate formation, branches, relations, area of supply of branches, course and relations of terminal branches of brachial plexus	
9/26/2019	THURSDAY		10.3, 10.5 Describe formation, branches, relations, area of supply of branches, course and relations of terminal branches of brachial plexus, Explain variations in formation of brachial plexus.	<b>Bi-5.4a: L 9:</b> Describe and discuss different metabolic fates of the nitrogen part and non nitrogen part of a protein molecule	<b>Phy Tutorial 21 PY2.11 Identification of WBC &amp; DLC /Bi-3.5:SGD 4:</b> Describe and discuss the regulation and different disorders of carbohydrate metabolic pathways.	<b>Phy ECE1: PY 2.8a Describe physiological basis of hemostasis and anticoagulants. Describe bleeding &amp; clotting disorders (ECE1)</b>	Identify boundaries and contents of axilla. Identify and demonstrate the origin, extent, course, parts, relations and branches of axillary artery & tributaries of vein. Identify and demonstrate formation, branches, relations, area of supply of branches, course and relations of terminal branches of brachial plexus (ECE)	
9/27/2019	FRIDAY	10.6, 10.13 Explain the anatomical basis of clinical features of Erb's palsy and Klumpke's paralysis, Explain anatomical basis of injury to axillary nerve during intramuscular injections (ECE)	<b>Bi-5.4b: SDL-1:</b> Describe and discuss the urea cycle and metabolic disorders related to it.	<b>PhyL27 : PY 2.8b</b> Describe physiological basis of hemostasis and anticoagulants. Describe bleeding & clotting disorders	<b>Phy Tutorial 22 PY2.11 Identification of WBC &amp; DLC/</b> AN 8.5, 8.6 Identify and name various bones in articulated hand, Specify the parts of metacarpals and phalanges and enumerate the peculiarities of pisiform, Describe scaphoid fracture and explain the anatomical basis of avascular necrosis/ <b>Bi-3.5:SGD 4:</b> Describe and discuss the regulation and different disorders of carbohydrate metabolic pathways.	AN 10.10, 10.12 Demonstrate Shoulder joint with associated ligaments, capsule, muscles and Rotator cuff muscles (ECE)	<b>Phy 28: PY 2.9 Describe different types of blood groups and discuss the clinical importance of blood grouping, blood banking and transfusion</b>	
9/28/2019	SATURDAY	MAHALAYA						
9/30/2019	MONDAY		AN 77.3 Describe spermatogenesis and oogenesis along with diagrams	<b>PhyL29</b> PY9.1 Describe & discuss sex determination, sex differentiation & their abnormalities and outline psychiatry and practical implication of sex determination PY9.3 Describe male reproductive system: functions of testis and control of spermatogenesis	<b>Phy revision Tutorial 23</b> Introduction to hormone, hormone receptor, Mechanism of hormone action, regulation/SDL/Bi-3: SGD-5: Discuss the differences between storage, energy and signaling carbohydrates.	SDL	<b>INTERNAL ASSESSMENT Anatomy ???</b>	
10/1/2019	TUESDAY	AN 77.3 Describe spermatogenesis and oogenesis along with diagrams	<b>PhyL30</b> PY9.5 Describe & discuss physiological effects of sex hormones	<b>Bi-5.4b: L10:</b> Describe and discuss the metabolic fates of carbon skeleton of phenylalanine, tryptophan, cysteine, branched chain amino acids	<b>Phy revision Tuutorial 24</b> Introduction to hormone, hormone receptor, Mechanism of hormone action, regulation/SDL/Bi-3: SGD-5: Discuss the differences between storage, energy and signaling carbohydrates		<b>Phy ECE 2 PY 2.9 Hemoglobin breakdown and hemoglobinopathies (Thalassaemia) (ECE2)</b>	
10/2/2019	WEDNESDAY	PUJA HOLIDAYS						
10/3/2019	THURSDAY	PUJA HOLIDAYS						
10/4/2019	FRIDAY	PUJA HOLIDAYS						
10/5/2019	SATURDAY	PUJA HOLIDAYS						
10/7/2019	MONDAY	PUJA HOLIDAYS						
10/8/2019	TUESDAY	PUJA HOLIDAYS						
10/9/2019	WEDNESDAY	PUJA HOLIDAYS						
10/10/2019	THURSDAY	PUJA HOLIDAYS						
10/11/2019	FRIDAY	PUJA HOLIDAYS						
10/12/2019	SATURDAY	PUJA HOLIDAYS						
10/14/2019	MONDAY	PUJA HOLIDAYS						
10/15/2019	TUESDAY	PUJA HOLIDAYS						
10/16/2019	WEDNESDAY		<b>Bi-5.4d: Tutorial 3:</b> Describe and discuss the aminoacidurias in context of inborn errors of metabolism and other reasons.	AN 7 AN 68 general plan of nervous system	<b>Phy revision Tuutorial 25</b> Introduction to hormone, hormone receptor, Mechanism of hormone action, regulation/SDL/Bi-3: SGD-5: Discuss the differences between storage, energy and signaling carbohydrates	<b>Phy L33 : PY9.2</b> Describe & discuss puberty: onset, progression, stages, early and late puberty and outline adolescent clinical and psychological association	AN 11.1 Demonstrate muscle groups of upper arm with emphasis on biceps and triceps brachii, Identify origin, course, relations, branches (or tributaries), termination of important nerves and	
10/17/2019	THURSDAY		AN 11 Describe muscle gr of upper arm with nerve & vessels. Cubital fossa. Saturday night palsy, (ECE), anastomosis around elbow.	<b>Bi-5.5a: L11:</b> Analyze and identify the metabolic key end products of protein metabolism for laboratory diagnosis.	<b>Phy Pract 26 PY2.11PY 2.11 TLC WBC/AN 68</b> Demonstrate and identify neurons, ganglions, nerves/ <b>Bi-11.8. Pract 5: Skill assessment:</b> estimation of serum proteins, albumin and A:G ratio	<b>PhyL34</b> PY9.3 Describe male reproductive system: functions of testis and control of spermatogenesis & factors modifying it & outline its association with psychiatric illness	AN 11.5 Identify & describe boundaries and contents of cubital fossa. Venepuncture in cubital fossa (ECE)(SDL)	
10/18/2019	FRIDAY	AN 12.1, 2 Describe important muscle groups of ventral forearm with attachments, nerve supply and actions, NERVE & VESSELS.		<b>PhyL35</b> PY9.4 Describe female reproductive system a. functions of ovary & its control b. Menstrual cycle-hormonal, ovarian, uterine changes	<b>Phy Pract 27PY2.11PY 2.11 TLC WBC/AN 68</b> Demonstrate and identify neurons, ganglions, nerves/ <b>Bi-3.8: SGD 6:</b> Discuss and interpret laboratory results of analytes associated with metabolism of carbohydrates	AN 12.1, 2 Identify important muscle groups of ventral forearm with attachments, nerve supply and actions, NERVE & VESSELS.	<b>Phy L36: PY9.4 b</b> Describe female reproductive system a. functions of ovary & its control b. Menstrual cycle-hormonal, ovarian, uterine changes	

10/19/2019	SATURDAY		Phy 37: PY 9.6 Enumerate the contraceptive methods for male & female. Discuss their advantages & disadvantages	AN 69 Describe the various types and structure-function correlation of blood vessel. Describe the ultrastructure of blood vessels	Phy Pract 28Y2.11PY 2.11 TLC WBC/AN 69 Identify elastic & muscular blood vessels, capillaries under the microscope/Bi-3.8: SGD 6: Discuss and interpret laboratory results of analytes associated with metabolism of carbohydrates	AN 77.4,5,6 Stages & consequence of fertilization, enumerate & describe contraception, teratogenic effect		
10/21/2019	MONDAY		AN 12.3,4,5, 7 describe flexor retinaculum with its attachments. Explain anatomical basis of carpal tunnel syndrome, describe small muscles of hand. describe course and branches of important blood vessels and nerves in hand	Phy L38 PY 9.8 Describe & discuss physiology of pregnancy, parturition & lactation and outline the associated psychology & psychiatry disorder/PY9.10 Discuss the physiological basis of various pregnancy test	Phy Tutorial 29Y2.11PY 2.11 TLC WBC/AN 69 Identify elastic & muscular blood vessels, capillaries under the microscope/Bi-3.8: SGD 6: Discuss and interpret laboratory results of analytes associated with metabolism of carbohydrates	AN 12.9, 10 & describe fibrous flexor sheaths, ulnar bursa, radial bursa and digital synovial sheaths. Explain infection of fascial spaces of palm (ECE)	AN 12.3,5, 7, 9 Demonstrate flexor retinaculum with its attachments, demonstrate small muscles of hand. demonstrate course and branches of important blood vessels and nerves in hand, fibrous flexor sheaths, ulnar synovial sheaths	
10/22/2019	TUESDAY	AN 70.1 Describe exocrine gland under the microscope & distinguish between serous, mucous and mixed acini	Phy L39 PY 5.7a Describe and discuss haemodynamics of circulatory system	Bi-4.6a: L10: Describe and discuss different key metabolic steps of prostaglandin synthesis	Phy Tutorial 30 Y2.11PY 2.11 TLC WBC/AN 69 Identify elastic & muscular blood vessels, capillaries under the microscope/Bi-4.2.SGD 7: Describe the processes involved in digestion and absorption of dietary lipids	AN 12.3-5, 7, 9 Demonstrate flexor retinaculum with its attachments, demonstrate small muscles of hand. demonstrate course and branches of important blood vessels and nerves in hand, fibrous flexor sheaths, ulnar bursa, radial bursa and digital synovial sheaths	Phy L40: PY9.11 Discuss the hormonal changes and their effects during perimenopause and menopause/PY 9.7 Describe & discuss the effects of removal of gonads on physiological function	
10/23/2019	WEDNESDAY		Bi-4.6b: SDL-2 Discuss the therapeutic use of prostaglandin and their inhibitors.	AN 10.8 Describe the position, attachment, nerve supply and actions of trapezius and latissimus dorsi. Triangle of auscultation,scapular anastomosis, triangular & quadrangular space.	Phy Tutorial 31Y2.11PY 2.11 TLC WBC /AN 70.1 Identify exocrine gland under the microscope & distinguish between serous, mucous and mixed acini/Bi-4.2.SGD 7: Describe the processes involved in digestion and absorption of dietary lipids	Phy ECE 3: PY9.9 Interpret a normal semen analysis report including sperm count, sperm morphology, motility as per WHO guideline PY9.12 Discuss the common causes of infertility in a couple and role of IVF (ECE3)	AN 10.8 Identify the position, attachment, nerve supply and actions of trapezius and latissimus dorsi, Triangle of auscultation,triangular & quadrangular space.	
10/24/2019	THURSDAY		AN 12.11,12,13 Describe important muscle groups of dorsal forearm with attachments, nerve supply and actions,NERVE & VESSELS.	Bi-4.1a: L11: Describe and discuss the major classes of lipids in the context of their structural characteristics	Phy Tutorial 32Y2.11Blood grouping BT CT/AN 70.1 Identify exocrine gland under the microscope & distinguish between serous, mucous and mixed acini/Bi-4.2.SGD 7: Describe the processes involved in digestion and absorption of dietary lipids	Phy 43 PY 3.1 & 3.2 Describe the structure & functions of a neurons and neuroglia; discuss nerve growth factor & other growth factors and cytokines, types functions	AN 11.12 Identify important muscle groups of dorsal arm with attachments, nerve supply and actions,VESSELS.	
10/25/2019	FRIDAY	AN 78.1, 2, 3 Describe cleave, formation of blastocyst, development of trophoblast, process of implantation, ectopic implantation.	Bi-4.1b: L12: Describe and discuss the major classes of lipids in the context of their functional characteristics	PhyL42 PY 3 Degeneration & regeneration of nerve fibers (Wallian, retrograde, nerve injury) PY 10.2 Describe & discuss the functions and properties of synapse	Phy Tutorial 33 Y2.11Blood grouping BT CT/AN 70.1 Identify exocrine gland under the microscope & distinguish between serous, mucous and mixed acini/Bi-11.7: Pract-6: Skill assessment. Measurement of creatinine and estimation of creatinine clearance.	AN 11.12 Identify important muscle groups of dorsal forearm with attachments, nerve supply and actions,VESSELS.	Phy 43: PY 10.5 Describe and discuss the structure and functions of Autonomic nervous system (ANS)	
10/26/2019	SATURDAY		Phy 44: PY 5.7b Describe and discuss haemodynamics of circulatory system a. Relationship between Resistance, conductance, flow & velocity, viscosity, Streamline & turbulent flow c. Poiseuille's law and factors determine total energy of the flowing blood	AN 78.4 Formation of bilaminar germ disc & prochordal plate	Phy Tutorial 34 PY2.11 Blood grouping BT CT/SDL/Bi-11.7. Pract-6: Skill assessment. Measurement of creatinine and estimation of creatinine clearance.	AN 78.4 describe formation of extraembryonic mesoderm & coelom, bilaminar germ disc		
10/28/2019	MONDAY	DIWALI						
10/29/2019	TUESDAY	DIWALI						
10/30/2019	WEDNESDAY	DIWALI						
10/31/2019	THURSDAY		Back of Palm	Bi-4.2b: Discuss the key features of the metabolites of dietary lipids: SDL-3 followed by assessment.	Phy Tutorial 35 PY4.4 Describe the physiology of digestion & absorption of nutrients/SDL-Bi-4: SDL-3: Differentiate between different types of hyperlipoproteinemia	PhyECE4 Blood grouping Tranfusion	Identify the extensor expansion tendons and the extensor tendons of hand	
11/1/2019	FRIDAY		Bi-4.3: L13: Explain the regulation of lipoprotein metabolism & associated disorders.	PhyL46 PY 8.1 Physiology of bone & calcium metabolism	Phy Tutorial 36PY4.4 Describe the physiology of digestion & absorption of nutrients/SDL-Bi-4: SDL-3: Differentiate between different types of hyperlipoproteinemia		PhyECE4 Anaemia	
11/2/2019	SATURDAY	CHAAT PUJA						
11/4/2019	SUNDAY	Describe the lymphatic system.		Identify the lymphoid organs		Fascial spaces of forearm and dermatome		Cross section Specimen, Radiology
11/5/2019	TUESDAY	FIRST IA 4.11.19-9.11.19 (24 Hrs)						
11/6/2019	WEDNESDAY	FIRST IA 4.11.19-9.11.19 (24 Hrs)						Cross section Specimen, Radiology
11/7/2019	THURSDAY	FIRST IA 4.11.19-9.11.19 (24 Hrs)						Cross section Specimen, Radiology
11/8/2019	FRIDAY	FIRST IA 4.11.19-9.11.19 (24 Hrs)						
11/9/2019	SATURDAY	FIRST IA 4.11.19-9.11.19 (24 Hrs)						
11/11/2019	MONDAY		describe the specific lymphoid tissue - lymphnode, spleen	Phy L47 PY 2.10a Define and classify different types of immunity, development of immunity & its regulation	Phy Pract 37 PY3.18 CA Amphibian iv-muscle experiment//Identify lymph node and spleen/Bi-11.9. Pract-7: Demonstrate the estimation of serum total cholesterol and HDL cholesterol	Wrist joint & 1st Carpometacarpal Joint		
11/12/2019	TUESDAY	GURU NANAK						
11/13/2019	WEDNESDAY		Bi-4.4a: L14: Describe the structure of lipoproteins and understand their structural characteristics	front of thigh	Phy Pract 38PY4.4 Describe the physiology of digestion & absorption of nutrients//Identify lymph node and spleen/Bi-11.9. Pract-7: Demonstrate the estimation of serum total cholesterol and HDL cholesterol	PhyL48 PY 2.10b Define and classify different types of immunity, development of immunity & its regulation	dev of somite and congenital malformation identify, muscle attach, of hip bone	

11/14/2019	THURSDAY		describe the specific lymphoid tissue - thymus, appendix	<b>Bi-4.4b: L15:</b> Describe the functions of lipoproteins and understand their functional characteristics related to atherosclerosis.	<b>Phy Pract PY3.18 CA Amphibian nv-muscle experiment//</b> Identify the specific lymphoid tissue - thymus, appendix/ <b>Bi-11.9. Pract-7:</b> Demonstrate the estimation of serum total cholesterol and HDL cholesterol	<b>Phy49 PY 2.10c</b> Define and classify different types of immunity, development of immunity & its regulation <b>PY 6.3</b> Describe Physiology of Thymus	Identify, muscle attach, of hip bone
11/15/2019	FRIDAY		<b>Bi-4.5: Tutorial 4:</b> Interpret laboratory results of analysis associated with metabolism of lipids	<b>Phyl50PY 6.1</b> Functional Anatomy of Respiratory Tract	<b>Phy Pract PY3.18 CA Amphibian nv-muscle experiment//</b> Identify lymph node and spleen/ <b>Bi-11.9:Pract-8 Skill assessment:</b> estimation of serum total cholesterol and HDL cholesterol.		Identify, muscle attach, of femur <b>Phy ECE5 Immunity</b>
11/16/2019	SATURDAY		<b>Phy L 51 PY 6.2a</b> Mechanics of normal respiration, pressure changes during ventilation, lung vol capacities,alveolar surface tension, compliance, airway resistance, V/P ratio,diffusion capacity of lungs	nucleus puposus Neural tube defects, sacrococcygeal teratoma, alfa feto protein	<b>Phy Pract PY3.18 CA Amphibian nv-muscle experiment//</b> Identify the specific lymphoid tissue - thymus, appendix/ <b>Bi-4.5.b SDL-4:</b> Interpret lab results of analysis associated with a particular lipid disorder.	Neurulation 2	
11/18/2019	MONDAY		describe the specific lymphoid tissue - tonsil. ECE	<b>Phy L52 PY 6.2b</b> Mechanics of normal respiration, pressure changes during ventilation, lung vol capacities,alveolar surface tension, compliance, airway resistance, V/P ratio,diffusion capacity of lungs	<b>Phy Pract 42 SGD/</b> Identify the specific lymphoid tissue - tonsil/ <b>Bi-4.7: SGD: 8:</b> Identify the key analytes for understanding lipid metabolism and interpret their laboratory results.	Front & medial side of thigh	Identify, muscle attach, of femur
11/19/2019	TUESDAY		<b>Phy 53 PY 6.2:</b> Mechanics of normal respiration, pressure changes during ventilation, lung vol capacities,alveolar surface tension, compliance, airway resistance, V/P ratio,diffusion capacity of lungs	<b>Bi-4.6a: L16:</b> Describe and discuss different key metabolic steps of prostaglandin synthesis	<b>PhyPract 43 PY3.18 CA Amphibian nv-muscle experiment//</b> Identify the specific lymphoid tissue - thymus, appendix/ <b>Bi-4.7: SGD: 8:</b> Identify the key analytes for understanding lipid metabolism and interpret their laboratory results.	Identify, muscle attach, of tibia	<b>PhyL54 PY 6.3a</b> Describe and discuss transport of respiratory gases oxygen & CO2
11/20/2019	WEDNESDAY		<b>Bi-4.6b: L17:</b> Discuss the therapeutic use of prostaglandin and their inhibitors.	Muscles, vessels, nerves of gluteal region	<b>Phy Pract 44 PY3.18 CA Amphibian nv-muscle experiment//</b> Identify the specific lymphoid tissue - tonsil/ <b>Bi-4.7: SGD: 8:</b> Identify the key analytes for understanding lipid metabolism and interpret their laboratory results.	<b>PhyL55 PY 6.3b</b> Describe and discuss transport of respiratory gases oxygen & CO2	Identify, muscle attach, of fibula
11/21/2019	THURSDAY		Hip Joint	<b>Bi-3.1a: Tutorial 5 :</b> Discuss and differentiate different carbohydrates as energy fuel in humans	<b>SDL 1 PY 6.7 &amp; 6.8 Lung Function Test/</b> Identify the specific lymphoid tissue - tonsil. / <b>Bi-11.10. Pract-9:</b> Demonstrate the estimation of triglycerides	<b>PhyL56 PY 6.5 a.</b> Regulation of Respiration neural & Chemical <b>PY 6.5 b.</b> artificial respiration, acclimatization, oxygen therapy, decompression sickness	Identify, muscle attach, of fibula
11/22/2019	FRIDAY		<b>Bi-3.1b: Tutorial 6 :</b> Discuss and differentiate different carbohydrates as structural element and storage in humans.	<b>Phyl57PY 6.5 b.</b> Regulation of Respiration neural & Chemical <b>PY 6.5 b.</b> artificial respiration, acclimatization, oxygen therapy, decompression, sickness	<b>SDL 2 PY 6.7 &amp; 6.8 Lung Function Test/Revision/</b> <b>Bi-11.10. Pract-9:</b> Demonstrate the estimation of triglycerides	Identify, muscle attach, of fibula	<b>Phy L58 PY 6.6b</b> Hypoxia, dyspnea, asphyxia, drowning, periodic breathing <b>PY 6.4</b> High altitude, deep sea diving
11/23/2019	SATURDAY		<b>Phy L59 PY 6.6a</b> Hypoxia, dyspnea, asphyxia, drowning, periodic breathing	Hip joint 2	<b>SDL 3 PY 6.7 &amp; 6.8 Lung Function Test/Revision/</b> <b>Bi-11.10. Pract-9:</b> Demonstrate the estimation of triglycerides	Fetal membranes 1	
11/25/2019	MONDAY		Hamstring Compartment	<b>ECE 6 PY6.5</b> Artificial Respiration& oxygen therapy	<b>SDL 4 PY 6.7 &amp; 6.8 Lung Function Test/GD (</b> CARTILAGES, MUSCLES,GLANDS, <b>)/Bi-5.3a: SGD 9:</b> Describe the digestion and absorption of dietary proteins	Fetal membranes 2	Identify muscles, vessels, nerves of anteromedial aspect of thigh
11/26/2019	TUESDAY		<b>SDL (2) Phy</b> Interpretation of TLC, DLC report	<b>Bi-3.2a: L18:</b> Describe the process involved in digestion and absorption of carbohydrates	<b>SDL 5 PY 6.7 &amp; 6.8 Lung Function Test/GD (</b> CARTILAGES, MUSCLES,GLANDS, <b>)/Bi-5.3a: SGD 9:</b> Describe the digestion and absorption of dietary proteins	Identify muscles, vessels, nerves of anteromedial aspect of thigh	<b>PhyECE 7 COPD</b>
11/27/2019	WEDNESDAY		<b>Bi3.3 : L19:</b> Describe and discuss the digesion and assimilation of carbohydrates from food	Popliteal fossa	<b>SDL 6 PY 6.7 &amp; 6.8 Lung Function Test/GD (</b> CARTILAGES, MUSCLES,GLANDS, <b>)/Bi-5.3a: SGD 9:</b> Describe the digestion and absorption of dietary proteins	<b>Phy 68 PY 4.1</b> Structure & function of digestive system	Identify muscles, vessels, nerves of anterolateral aspect of leg
11/28/2019	THURSDAY		Back of leg	<b>Bi3.4a:L20:</b> Define and differentiate between different catabolic pathways of carbohydrate metabolism	<b>Phy Tutorial 44 PY 6.10</b> Correct technique to perform measurement of peak flow rate/ <b>GD (</b> CARTILAGES, MUSCLES,GLANDS, <b>)/Bi-5.3 :SDL-4:</b> Discuss the diseases arising out of disorders of protein digestion and absorption	<b>Phy 61 PY 4.2a</b> Saliva & gastric secretion composition, function, mechanism of secretion & regulation	Identify muscles, vessels, nerves of anterolateral aspect of leg
11/29/2019	FRIDAY		<b>Bi3.4b: L21:</b> Define and differentiate between different anabolic pathways of carbohydrate metabolism	<b>Phy 62 PY 4.2b</b> Pancreatic & Intestinal secretion composition, function, mechanism of secretion & regulation	<b>peak flow rate/GD (</b> CARTILAGES, MUSCLES,GLANDS, <b>)/Bi-5.3 :SDL-4:</b> Discuss the diseases arising out of disorders of protein digestion and absorption	Identify muscles, vessels, nerves of gluteal region	<b>Phy 63 PY 4.2c</b> Bilesecretion composition, function, mechanism of secretion & regulation
11/30/2019	SATURDAY		<b>Phy 64 PY 4.5 &amp; 4.6</b> GIT hormones, regulation, function & gut-brain axis	prenatal diagnosis, amnicentesis, chorionic villus sampling	<b>Phy Tutorial 44 PY 6.10</b> Correct technique to perform measurement of peak flow rate/ <b>GD (</b> CARTILAGES, MUSCLES,GLANDS, <b>)/Bi-5.3 :SDL-4:</b> Discuss the diseases arising out of disorders of protein digestion and absorption		
12/2/2019	MONDAY			<b>Phy 65 PY 4.7</b> Structure & function of liver & GB	<b>Phy Pract 45 PY 6.9</b> Demonstrate the correct clinical examination of the respiratory system in a normal volunteer/ <b>GD (</b> CARTILAGES, MUSCLES,GLANDS, <b>)/Bi-5.4c: SGD 10:</b> Describe and explain the metabolic and clinical features of phenylketonuria and branched chain aminoaciduria.	folding of the fetus	Identify muscles, vessels, nerves of gluteal region
12/3/2019	TUESDAY		<b>Phy 66 PY 4.3</b> GIT movements,regulation and function, defecation reflex, role of dietary fiber	<b>Bi3.4c: L22:</b> Compare the roles of anabolic and catabolic pathways of carbohydrate metabolism according to energy balance in body.	respiratory system in a normal volunteer/ <b>GD (</b> CARTILAGES, MUSCLES,GLANDS, <b>)/Bi-5.4c: SGD 10:</b> Describe and explain the metabolic and clinical features of phenylketonuria and branched chain aminoaciduria.	popliteal fossa	<b>Phy 67 PY 4.3</b> GIT movements,regulation and function, defecation reflex, role of dietary fiber
12/4/2019	WEDNESDAY		<b>Bi-3.6 : L22:</b> Describe and discuss the concept of TCA cycle as a amphibolic pathway and its regulation.	Knee joint 1	<b>Phy Pract 47 PY 6.9</b> Demonstrate the correct clinical examination of the respiratory system in a normal volunteer/ <b>GD (</b> CARTILAGES, MUSCLES,GLANDS, <b>)/Bi-5.4c: SGD 10:</b> Describe and explain the metabolic and clinical features of phenylketonuria and branched chain aminoaciduria.	<b>ECE 8 PY 4.8</b> Gastric function test, Pancreatic exocrine function test, Liver Function Test	Identify muscles, vessels, nerves of back of leg
12/5/2019	THURSDAY		Knee joint 1	<b>Bi-3.7:L23:</b> Describe and discuss the aminoacidurias in context of inborn errors of metabolism and other reasons.Describe the common poison inhibiting crucial enzymes of carbohydrate metabolism.	<b>Phy Pract 48 PY 6.9</b> Demonstrate the correct clinical examination of the respiratory system in a normal volunteer/ <b>GD (</b> CARTILAGES, MUSCLES,GLANDS, <b>)/Bi-5.4c: SGD 10:</b> Describe and explain the metabolic and clinical features of phenylketonuria and branched chain aminoaciduria.	<b>ECE 9: PY 4.9</b> Peptic ulcer, GERD, Vomiting, Diarrhoea, Constipation, Adynamic ileus, HP disease	Identify muscles, vessels, nerves of back of leg

12/6/2019	FRIDAY		Bi 3.9: : L23: Discuss the mechanism and significance of blood glucose regulation in health and disease.	SDL(7) Phy Respiratory acidosis & alkalosis	Phy Pract 49 PY 6.9 Demonstrate the correct clinical examination of the respiratory system in a normal volunteer/GD (CARTILAGES, MUSCLES,GLANDS, )/Bi5.5b: SGD 11: Interpret the laboratory results and analytes with metabolism of proteins.	front of ankle joint	Student Seminar Phy 68 Mechanics of respiration	
12/7/2019	SATURDAY		SDL (8) JAUNDICE	ankle joint, subtalar joint, midtarsal joint	Phy Pract 50 PY 6.9 Demonstrate the correct clinical examination of the respiratory system in a normal volunteer/GD (CARTILAGES, MUSCLES,GLANDS, )/Bi5.5b: SGD 11: Interpret the laboratory results and analytes with metabolism of proteins.			
12/9/2019	MONDAY	<b>SECOND IA 9.12.19-14.12.19 (24 HRS)</b>						
12/10/2019	TUESDAY							
12/11/2019	WEDNESDAY							
12/12/2019	THURSDAY							
12/13/2019	FRIDAY							
12/14/2019	SATURDAY							
12/16/2019	MONDAY		PhyL69 PY 7.2 Structure & function of JG apparatus, role of Renin-angiotensin system	Phy L68 PY 7.1 Structure & function of kidney	Phy-Pract59 PY4.10 Demonstrate the correct clinical exam of abdomen /Bi 11.11: Pract-10: Demonstrate the estimation of serum calcium and phosphorus /CM SGD1 6.2 Describe & discuss the principles and demonstrate the methods of collection, analysis,interpretation of statistical data			
12/17/2019	TUESDAY			Bi-3.10a Interpret the results of blood glucose and other lab investigations related to carbohydrate metabolism.  Bi:3.10b: : L24: Interpret the results of blood glucose and other related investigations from a case/paper case with Diabetes mellitus: ECE.	Phy-Pract60Phy-Pract59 PY4.10 Demonstrate the correct clinical exam of abdomen /Bi- 11.11: Pract-10: Demonstrate the estimation of serum calcium and phosphorus/CM SGD2 6.2 Describe & discuss the principles and demonstrate the methods of collection, analysis,interpretation of statistical data		Phy70L PY 7.3 a Describe the mechanism of urine formation involving process of filtration, tubular reabsorption & secretion, concentration	
12/18/2019	WEDNESDAY		Bi-6.1a: L24: Discuss the metabolic processes that take place in specific organs in the body in the fed state Bi-6.1b: L25: Discuss the metabolic processes that take place in specific organs in the body in the fasting state		Phy-Pract61Phy-Pract59 PY4.10 Demonstrate the correct clinical exam of abdomen /Bi- 11.11: Pract-10: Demonstrate the estimation of serum calcium and phosphorus/CM SGD3 6.2 Describe & discuss the principles and demonstrate the methods of collection, analysis,interpretation of statistical data	Phy70L PY 7.3 b Describe the mechanism of urine formation involving process of filtration, tubular reabsorption & secretion, concentration		
12/19/2019	THURSDAY			Bi-6.1c: L26: Discuss and analyze the biochemical factors which mediate the adoptive changes in metabolic processes in fasting and fed state.	Phy-Pract62Phy-Pract59 PY4.10 Demonstrate the correct clinical exam of abdomen /Bi-6.1: SDL 5: Explain the differences in biochemical and clinical features in ketoacidosis due to diabetes mellitus and prolonged fasting state.	Phy70L PY 7.3 c Describe the mechanism of urine formation involving process of filtration, tubular reabsorption & secretion, concentration		
12/20/2019	FRIDAY		Bi-6.2a: L27: Describe and discuss the biochemical concept of high energy nucleotides and pseudonucleotides.metabolic processes in which nucleotides are involved	Phy 71 PY 7.4 Describe & discuss the significance & implication of renal clearance	Phy-Pract63 Phy-Pract59 PY4.10 Demonstrate the correct clinical exam of abdomen /Bi-SDL 5: Explain the differences in biochemical and clinical features in ketoacidosis due to diabetes mellitus and prolonged fasting state.		Phy 72 L PY 7.5 Describe the renal regulation of fluid & electrolyte & acid base balance	
12/21/2019	SATURDAY		Phy 73L PY7.6 Innervation of urinary bladder, physiology of micturition and its abnormality	CM 1.1 Define and describe the concept of Public Health	Phy-Pract64 Phy-Pract59 PY4.10 Demonstrate the correct clinical exam of abdomen /Bi-SDL 5: Explain the differences in biochemical and clinical features in ketoacidosis due to diabetes mellitus and prolonged fasting state.	CM 4.1 Describe the methods of health education with its adv & dis adv		
12/23/2019	MONDAY			Phy L74 PY7.7 artificial kidney, dialysis, renal transplantation 7.8 Renal function test	SDL (9) Pain Abdomen /Bi-6.3: Tutorial 7: Describe the common disorders associated with nucleotide metabolism			
12/24/2019	TUESDAY				SDL (10) Pain Abdomen/Phy-Pract67/Bi-6.3: Tutorial 7: Describe the common disorders associated with nucleotide metabolism	CM4.3 Demonstrate and describe the steps in evaluation of health promotion	Phy 7.9 ECE11Renal function Test	
12/25/2019	WEDNESDAY	CHRISTMAS						
12/26/2019	THURSDAY			Bi-6.2b: L28: Describe and discuss the metabolic processes in which nucleotides are involved	Phy-Tutorial 65 PY 8.5 Metabolic endocrine & psychiatric consequences of obesity/Bi-6.3: Tutorial 7: Describe the common disorders associated with nucleotide metabolism/CM SGD1	Phy L75 Revision of Blood & Immunity		
12/27/2019	FRIDAY		Bi-6.2c: L29:Describe and discuss the nucleotide analogues and their clinical uses	Phy L75 Revision Blood & Immunity	Phy-Tutorial 66 PY 8.5 Metabolic endocrine & psychiatric consequences of obesity/Bi-11.10: Pract-10: Skill assessment: Estimation of serum triglyceride		Phy L77 Revision Reproduction	
12/28/2019	SATURDAY			CM 1.2 Define health; describe the concept of holistic health, spiritual health & relativeness and determinants of health	Phy-Tutorial 67 PY 8.5 Metabolic endocrine & psychiatric consequences of obesity/Bi-11.11: Pract-10: Skill assessment: Estimation of serum calcium and phosphorus			
12/30/2019	MONDAY			Phy 78L Revision Respiratory	Phy 79L Revision Respiratory	Phy-Tutorial 68 PY 8.5 Metabolic endocrine & psychiatric consequences of obesity/Bi-2: Pract-11: DOAP-2: Interpret the clinical utility of enzymes in diagnosis of pathological diseases:		
12/31/2019	TUESDAY		Bi int-Phy3.11 Explain energy source and muscle metabolism	Phy 80L Kidney revision	Bi int-Phy3.11 Explain energy source and muscle metabolism	Phy-Tutorial 69 PY 8.5 Metabolic endocrine & psychiatric consequences of obesity/Bi-2: Pract-11DOAP-1: Interpret the clinical utility of enzyme as markers of pathological diseases:	Phy L81 Revision GIT	