

Undergraduate MBBS CBME Curriculum

MBBS 1st Professional

Time Table

(Class would be divided into 4 batches - A1,A2,B1,B2)

Day	(9AM-11AM) Small group teaching/tutorial / integrated teaching practical			(11AM -1PM) Lectures		(2PM-4PM) Small group teaching/tutorial / integrated teaching /practical		
	Anatomy Practical	Physiology Practical	Biochemistry Practical /Community Medicine	11AM -12Noon	12Noon- 1:00PM	Anatomy Practical	Physiology Practical	Biochemistry Practical
Monday	A1 & A2	B1	B2	Anatomy	Biochemistry	B1 & B2	A2	A1
Tuesday	B1 & B2	A1	A2	Anatomy	Biochemistry	A1 & A2	B2	B1
Wednesday	A1 & A2	B1	B2	Anatomy	Physiology	B1 & B2	A2	A1
Thursday	B1 & B2	A1	A2	Anatomy	Physiology	A1 & A2	B2	B1
Friday	A1 & A2	B1 & B2	--	Sep to Dec: Community Medicine	Physiology	B1 & B2	A1 & A2	--
Saturday	All batches Sept to Jan: Community Medicine,AETCOM Feb to Jul: Anatomy, AETCOM			Sep to Dec: Anatomy Jan to Feb: Biochemistry Mar to May: Anatomy Jun to Jul: Biochemistry	Physiology	Physiology - All batches		

		(9AM-11AM)			(11AM -1PM)		(2PM-4PM)		
Day		Anatomy Practical	Physiology Practical	Biochemistry Practical /CM	Anatomy Lecture/ Small Groups (11AM -12Noon)	Physiology/ B.Chem Lecture (12Noon-1PM)	Anatomy Practical	PhysiologyPractical	B. Chem. Practical
Monday	2-Sep-19	Anatomical terms (1.1)	B1-Study of compound microscope & common objects	B2-Describe commonly used laboratory apparatus and equipments. (B1 11.1)	Anatomical terms (1.1)	B1.1Describe the molecular and functional organization of a cell and its subcellular components	Anatomical terms (1.1)	A2- Study of compound microscope & common objects	A1-Describe commonly used laboratory apparatus and equipments. (B1 11.1)
Tuesday	3-Sep-19	Bones & Cartilage (1.2 & 2.1-2.4)	A1- Study of compound microscope & common objects	A2- Describe commonly used laboratory apparatus and equipments. (B1 11.1)	Bones & Cartilage (1.2 & 2.1-2.4)	B1.1Describe the molecular and functional organization of a cell and its subcellular components	Bones & Cartilage (1.2 & 2.1-2.4)	B2- Study of compound microscope & common objects	B1Describe commonly used laboratory apparatus and equipments. (B1 11.1)
Wednesday	4-Sep-19	Introduction to Embryology (76.-76.2)	B1- Properties of blood & method of collection of blood sample	B2-Describe safe laboratory practice. (B1 11.1)	Introduction to Embryology (76.-76.2)	General Physiology . PY1.1 Describe the structure & functions of a mammalian cellDr. Shelja	Introduction to Embryology (76.-76.2)	A2- Properties of blood & method of collection of blood sample	A1-Describe safe laboratory practice. (B1 11.1)
Thursday	5-Sep-19	Muscular Tissue (3.1-3.3)	A1- Properties of blood & method of collection of blood sample	A2Describe safe laboratory practice. (B1 11.1)	Muscular Tissue (3.1-3.3)	PY 1.2 Describe & discuss the principles of homeostasis Dr. Shelja	Muscular Tissue (3.1-3.3)	B2- Properties of blood & method of collection of blood sample	B1--Describe safe laboratory practice. (B1 11.1)
Friday	6-Sep-19	Tutorial	B1- Demonstrate osmotic fragility of RBC & interpret results(Vertical		CM1.1 Define and Describe the concept of Public Health	PY 1.3 Describe intercellular communication .PY1.4 Describe	Tutorial	A1- Demonstrate osmotic fragility of RBC & interpret results.(Vertical	

			integration with Pathology).B2- Demonstrate Erythrocyte sedimentation rate & PCV & interpret results.(Vertical integration with Pathology)			apoptosisprogrammed cell death (Vertical integration with Pathology). Dr. Shelja.		integration with Pathology).A2- Demonstrate Erythrocyte sedimentation rate & PCV & interpret results.(Vertical integration with Pathology).	
Saturday	7- Sep- 19			CM : Orientation to the Dept/ Cold Chain Maintenance	Epithelial Tissue Histology (65.1-65.2)	PY 1.5 Describe & discuss transport mechanisms across cell membranes Dr. Shelja		A1- Demonstrate Erythrocyte sedimentation rate & & PCV & interpret results.(Vertical integration with Pathology).A2- Demonstrate osmotic fragility of RBC & interpret results.(Vertical integration with Pathology).B1- Demonstrate Erythrocyte sedimentation rate & & PCV & interpret results.(Vertical integration with Pathology).B2- Demonstrate osmotic fragility of RBC & interpret results.(Vertical integration with	

								Pathology)	
Sunday	8-Sep-19								
Monday	9-Sep-19	General Anat. of Vascular System (5.1-5.8)	B1- Estimate haemoglobin by Sahli's method.(Vertical integration with Pathology)	B2 Biomedical Waste Disposal. (B1 11.1)	General Anat. of Vascular System (5.1-5.8)	B1 1.1Describe the molecular and functional organization of a cell and its subcellular components	General Anat. of Vascular System (5.1-5.8)	A2- Estimate haemoglobin by Sahli's method.(Vertical integration with Pathology)	A1 Biomedical Waste Disposal (B1 11.1)
Tuesday	10-Sep-19	General Anat. of Lymphatic System (6.1-6.3)	A1- Estimate haemoglobin by Sahli's method.(Vertical integration with Pathology)	A2 Biomedical Waste Disposal. (B1 11.1)	General Anat. of Lymphatic System (6.1-6.3)	B1 2.1Explain fundamental concepts of enzyme, isoenzyme, alloenzyme, coenzyme & cofactors. Enumerate the main classes of IUBMB	General Anat. of Lymphatic System (6.1-6.3)	B2- Estimate haemoglobin by Sahli's method.(Vertical integration with Pathology)	B1 Biomedical Waste Disposal (B1 11.1)
Wednesday	11-Sep-19	Gametogenesis, Fertilization (77.1-77.6)	B1- To study haemocytometer.	B2Describe the principles of colorimetry (B1 11.6)	Gametogenesis, Fertilization (77.1-77.6)	PY1.6 Describe the fluid compartments of body, its ionic composition & measurements (Horizontal integration with Biochemistry) Dr. Shelja	Gametogenesis, Fertilization (77.1-77.6)	A2- To study haemocytometer	A1Describe the principles of colorimetry (B1 11.6)
Thursday	12-Sep-19	Menstrual Cycle (77.1-77.2)	A1- To study haemocytometer	A2Describe the principles of colorimetry (B1 11.6)	Menstrual Cycle (77.1-77.2)	PY 1.7 Describe concept of pH & buffer systems in body (Horizontal integration with Biochemistry).PY 1.8 Describe & discuss molecular basis of resting membrane potential & action potential in	Menstrual Cycle (77.1-77.2)	B2- To study haemocytometer	B1Describe the principles of colorimetry (B1 11.6)

						excitable tissue.PY 1.9 Demonstrate ability to describe & discuss methods used to demonstrate functions of cells & its products, its communications & their applications in clinical care & research Dr. Shelja			
Friday	13-Sep-19	Tutorial	B1- General Physiology Tutorial.B2- General Physiology Tutorial		CM 1.2 Define health, concept of holistic health determinants of health	Haematology.PY 2.1 Describe composition & functions of blood components.Dr. Sat Pal	Tutorial	A1- General Physiology Tutorial.A2- General Physiology Tutorial	
Saturday	14-Sep-19	CM : Visit to Water Works : Water quality, Standards, Chlorination	CM : Visit to Water Works : Water quality, Standards, Chlorination	CM : Visit to Water Works : Water quality, Standards, Chlorination	Connective Tissue Histology (66.1-66.2)	PY2.2Discuss the origin, forms, variations & functions of plasma proteins (Horizontal integration with Biochemistry)Dr. Sat Pal	General Physiology written test.	General Physiology written test.	General Physiology written test.
Sunday	15-Sep-19								
Monday	16-Sep-19	General Anatomy of Nervous System (7.1-7.8)	B1- To study RBC count.(Vertical integration with Pathology)	B2 Outline the basic principles involved in the functioning of instruments.commonly used in a biochemistry laboratory and their applications. (B1	General Anatomy of Nervous System (7.1-7.8)	B12.3Describe and explain the basic principles of enzyme activity	General Anatomy of Nervous System (7.1-7.8)	A2- To study RBC count.(Vertical integration with Pathology).	A1 Outline the basic principles involved in the functioning of instruments.commonly used in a biochemistry laboratory and their applications. (B1

				11.19)					11.19)
Tuesday	17-Sep-19	Embryology 2nd Week Development (78.1-78.5)	A1- To study RBC count.(Vertical integration with Pathology)	A2 Outline the basic principles involved in the functioning of instruments.commonly used in a biochemistry laboratory and their applications. (B1 11.19)	Embryology 2nd Week Development (78.1-78.5)	B12.4 Describe and discuss enzyme inhibitors as poisons and drugs and as therapeutic enzymes	Embryology 2nd Week Development (78.1-78.5)	B2- To study RBC count.(Vertical integration with Pathology).	B1 Outline the basic principles involved in the functioning of instruments.commonly used in a biochemistry laboratory and their applications. (B1 11.19)
Wednesday	18-Sep-19	Embryology 3rd Week Development (79.1-79.6)	B1- To study total leucocyte count.(Vertical integration with Pathology)	B2 GROUP DISCUSSION	Embryology 3rd Week Development (79.1-79.6)	PY2.3Describe & discuss the synthesis & functions of haemoglobin & explain its breakdown. Describe variants of haemoglobin (Horizontal integration with Biochemistry) Dr. Sat Pal	Embryology 3rd Week Development (79.1-79.6)	A2- To study total leucocyte count.(Vertical integration with Pathology)	A1 GROUP DISCUSSION
Thursday	19-Sep-19	Histology of Cartilage (71.2)	A1- To study total leucocyte count.(Vertical integration with Pathology)	A2 GROUP DISCUSSION	Histology of Cartilage (71.2)	PY2.3Describe & discuss synthesis & functions of haemoglobin & explain its breakdown. Describe variants of haemoglobin (Horizontal integration with Biochemistry) Dr. Sat Pal	Histology of Cartilage (71.2)	B2- To study total leucocyte count.(Vertical integration with Pathology)	B1 GROUP DISCUSSION
Friday	20-Sep-19	Tutorial	B1- To identify different types of WBC in stained blood film.B2- Bleeding & clotting time.(Vertical		CM 1.3 Agent, host & environmental factors in health & diseases and multifactorial causation of disease	PY2.4Describe RBC formation (erythropoiesis & its regulation) & its functions Dr. Sat Pal.	Tutorial	A1- To identify different types of WBC in stained blood film.A2- Bleeding & clotting time.(Vertical	

			integration with Pathology)					integration with Pathology)	
Saturday	21-Sep-19			CM : Bio Medical Waste Segregation & Management, Visit to Incinerator	Histology of Bone (71.1)	PY2.4 Describe RBC formation (erythropoiesis & its regulation) & its functions Dr. Sat Pal		Blood Tutorial	
Sunday	22-Sep-19								
Monday	23-Sep-19	Holiday	HOLIDAY		Holiday	HOLIDAY	Holiday	HOLIDAY	
Tuesday	24-Sep-19	Fetal Membranes, Chromosomes Prenatal Diagnosis (73.1-73.3 & 80.1-81.3)	A1- Bleeding & clotting time.(Vertical integration with Pathology)	A2 CARD DISCUSSION	Fetal Membranes, Chromosomes Prenatal Diagnosis (73.1-73.3 & 80.1-81.3)	B12.5 Describe and discuss the clinical utility of various serum enzymes as markers of pathological conditions	Fetal Membranes, Chromosomes Prenatal Diagnosis (73.1-73.3 & 80.1-81.3)	B2- To identify different types of WBC in stained blood film.	B1 CARD DISCUSSION
Wednesday	25-Sep-19	development of Embryo (80.6)	B1- Bleeding & clotting time.(Vertical integration with Pathology)	B2 Demonstrate the estimation of SGOT/SGPT. (B1 11.13)	development of Embryo (80.6)	PY2.5 Describe different types of anemias and jaundice (Horizontal integration with Biochemistry & Vertical integration with Pathology) Dr. Sat Pal	development of Embryo (80.6)	A2- To identify different types of WBC in stained blood film.	A1 Demonstrate the estimation of SGOT/SGPT. (B1 11.13)
Thursday	26-Sep-19	General Anatomy Test	A1- To find differential leucocyte count .(Vertical	A2 Demonstrate the estimation of SGOT/SGPT. (B1 11.13)	General Anatomy Test	PY2.5 Describe different types of anemias and jaundice (Horizontal integration with	General Anatomy Test	B2- To find differential leucocyte count .(Vertical integration with	B1 Demonstrate the estimation of SGOT/SGPT. (B1 11.13)

			integration with Pathology)			Biochemistry Vertical integration with Pathology) Dr. Sat Pal		Pathology)	
Friday	27-Sep-19	Tutorial	B1- To find differential leucocyte count .(Vertical integration with Pathology). B2- ABO, Rh blood group.(Vertical integration with Pathology)		CM 1.4 Describe & discuss the natural history of disease	PY 2.6 Describe WBC formation (granulopoiesis) & its regulation Dr. Sat Pal...	Tutorial	A1- ABO, Rh blood group.(Vertical integration with Pathology).A2- To find differential leucocyte count .(Vertical integration with Pathology)	
Saturday	28-Sep-19			CM: Visit to Immunization Clinic : National Immunization Schedule	Histology Muscle (67.1-67.3)	PY2.7 Describe formation of platelets, functions & variations Dr. Sat Pal.		A1- Practical Revision/SDL & visit to blood bank.A2- Practical Revision/SDL & visit to blood bank.B1- ABO, Rh blood group .(Vertical integration with Pathology).B2- Perform Arneth count	
Sunday	29-Sep-19								
Monday	30-Sep-19	Introduction to Upper Limb & Dermatomes (8.1-8.6 & 13.2)	B1- Perform Arneth count	B2 Demonstrate the estimation of alkaline phosphatase. (B1 11.14)	Introduction to Upper Limb & Dermatomes (8.1-8.6 & 13.2)	B12.6 Discuss use of enzymes in laboratory investigations (Enzymebased assays)	Introduction to Upper Limb & Dermatomes (8.1-8.6 & 13.2)	A2- ABO,Rh blood group .(Vertical integration with Pathology)	A1 Demonstrate the estimation of alkaline phosphatase. (B1 11.14)

Tuesday	1- Oct- 19	Pectoral Region (9.1-9.3)	A1- Perform Arneth count	A2 Demonstrate the estimation of alkaline phosphatase. (B1 11.14)	Pectoral Region (9.1- 9.3)	B1 2.7 Interpret laboratory results of enzyme activities & describe the clinical utility of various enzymes as markers of pathological conditions.	Pectoral Region (9.1-9.3)	B2- Demonstrate Platelet count.(Vertical integration with Pathology)	B1-Demonstrate the estimation of alkaline phosphatase. (B1 11.14)
Wednesda y	2- Oct- 19	Holiday	HOLIDAY		Holiday	HOLIDAY	Holiday	HOLIDAY	
Thursday	3- Oct- 19	Test of General Embryology	A1- Demonstrate Platelet count (.Vertical integration with Pathology)	A2 Practical Revision/SDL & notebook checking.	Test of General Embryology	PY2.8Describe physiological basis of haemostasis & anticoagulants. Describe bleeding & clotting disorders (Hemophilia, purpura) (Vertical integration with Pathology) Dr. Sat Pal	Test of General Embryology	B2- Practical Revision/SDL & notebook checking	B1-Practical Revision/SDL & notebook checking.
Friday	4- Oct- 19	Tutorial	B1- Practical Revision/SDL & notebook checking & visit to blood bank.B2- Practical Revision/SDL & notebook checking & visit to blood bank		CM 1.5 Levels of preventions, Modes of intervention at various level of prevention	PY2.8Describe physiological basis of haemostasis & anticoagulants. Describe bleeding & clotting disorders (Hemophilia, purpura) (Vertical integration with Pathology) Dr. Sat Pal	Tutorial	A1-Practical Revision/SDL & notebook checking . A2- Perform Arneth count	
Saturday	5- Oct- 19			CM : Orientation to Family Study Demographic Profile, Immunization Status	Histology of Nervous Tissue (68.1-68.3)	PY2.9 Describe different blood groups and discuss clinical importance of blood grouping, blood banking and transfusion		Blood Tutorial	

						(Vertical integration with Pathology) Dr. Sat Pal			
Sunday	6-Oct-19								
Monday	7-Oct-19	Breast & Clavipectoral fascia (9.1-9.3)	B1- Demonstrate Reticulocyte count.(Vertical integration with Pathology)	B2- Practical Revision/SDL & notebook checking	Breast & Clavipectoral fascia (9.1-9.3)	B1 10.3 Describe the cellular and humoral components of the immune system.	Breast & Clavipectoral fascia (9.1-9.3)	A2- Demonstrate Platelet count.(Vertical integration with Pathology)	A1- Practical Revision/SDL & notebook checking
Tuesday	8-Oct-19	Holiday	HOLIDAY		Holiday	HOLIDAY	Holiday	HOLIDAY	
Wednesday	9-Oct-19	Axilla (10.1)	B1- Demonstrate Platelet count.(Vertical integration with Pathology)	B2 Tutorial 1	Axilla (10.1)	PY2.10 Define & classify different types of immunity. Describe development of immunity & its regulation .Dr. Sat Pal	Axilla (10.1)	A2- Demonstrate Reticulocyte count.(Vertical integration with Pathology)	A1 Tutorial 1
Thursday	10-Oct-19	Brachial plexus (10.3-10.6)	A1- Demonstrate Reticulocyte count.(Vertical integration with Pathology)	A2 Tutorial 1	Brachial plexus (10.3-10.6)	PY2.10 Define & classify different types of immunity. Describe development of immunity & its regulation .Dr. Sat Pal	Brachial plexus (10.3-10.6)	B2- Demonstrate Reticulocyte count.(Vertical integration with Pathology)	B1 Tutorial 1
Friday	11-Oct-19	Tutorial	B1- To find absolute values.(Vertical integration with Pathology).B2- Practical Revision/SDL &		CM1.6 Principles of Health promotion & Education , IEC, BCC	PY2.10 Define & classify different types of immunity. Describe development of immunity & its regulation.Dr. Sat Pal .	Tutorial	A1- To find absolute values .(Vertical integration with Pathology).A2- Practical Revision/SDL &	

			notebook checking					notebook checking	
Saturday	12- Oct- 19			CM : Orientation to Family Study Housing Conditions & Sanitation	Histology of Blood vessels (69.1-69.3)	Nerve & Muscle Physiology.PY3.1 Describe structure & functions of a neuron & neuroglia. Discuss nerve growth factor & other growth factors/cytokines(Horizontal integration with Human Anatomy)Dr. Ashish Arvind		Blood written test	
Sunday	13- Oct- 19								
Monday	14- Oct- 19	Back & Posterior triangle (42.1-42.3 & 29.1-29.4)	B1- To find absolute count	B2 Discuss the principles of spectrophotometry. (B1 11.18)	Back & Posterior triangle (42.1-42.3 & 29.1-29.4)	B1 10.3 Describe the types and structure of antibody	Back & Posterior triangle (42.1-42.3 & 29.1-29.4)	A2- To find absolute values .(Vertical integration with Pathology)	A1 Discuss the principles of spectrophotometry. (B1 11.18)
Tuesday	15- Oct- 19	Scapular region (10.8-10.11)	A1- To find absolute count	A2 Discuss the principles of spectrophotometry. (B1 11.18)	Scapular region (10.8-10.11)	B1 10.4 Describe & discuss innate and adaptive immune responsesself/nonself recognition.	Scapular region (10.8-10.11)	B2- To find absolute values .(Vertical integration with Pathology)	B1 Discuss the principles of spectrophotometry. (B1 11.18)
Wednesday	16- Oct- 19	Front of arm (11.1-11.4)	B1- Haematology practical test	B2 Observe use of commonly used equipments/techniques in biochemistry.laboratory including: autoanalyzer and quality control. (B1	Front of arm (11.1-11.4)	PY3.2 Describe types, functions & properties of nerve fibers . PY3.3 Describe degeneration & regeneration in peripheral nerves (Vertical integration with General Medicine). Dr. Ashish	Front of arm (11.1-11.4)	A2- To find absolute count	A1 Observe use of commonly used equipments/techniques in biochemistry.laboratory including: autoanalyzer and quality control. (B1

				11.16)		Arvind			11.16)
Thursday	17- Oct- 19	Shoulder joint (10.12 & 13.5)	A1- Haematology practical test	A2 Observe use of commonly used equipments/technique s in biochemistry.laborato ry including: autoanalyzer and quality control. (B1 11.16)	Shoulder joint (10.12 & 13.5)	PY3.4 Describe structure of neuromuscular junction & transmission of impulses (Vertical integration with Anaesthesia). Dr. Ashish Arvind	Shoulder joint (10.12 & 13.5)	B2— To find absolute count	B1 Observe use of commonly used equipments/technique s in biochemistry.laborato ry including: autoanalyzer and quality control. (B1 11.16)
Friday	18- Oct- 19	Tutorial	B1- Apparatus used in experimental physiology .B2- Haematology practical test		CM 1.7 Enumerate and describe health indicators	PY 3.5 Discuss action of neuromuscular blocking agents.(Vertical integration with Anaesthesia, Pharmacology).PY3.6 Describe pathophysiology of Myasthenia gravis (Vertical integration with Pathology).Dr. Ashish Arvind	Tutorial	A1- Practical Revision/SDL / SDL.A2- Apparatus used in experimental physiology	
Saturday	19- Oct- 19			CM : Orientation to Family Study Socio- Economic Status, Health Seeking Behaviour	Histology of Skin (72.1)	PY 3.7 Describe different types of muscle fibers & their structure (Horizontal integration with Human Anatomy).PY 3.8 Describe action potential & its properties in different muscle types (skeletal & smooth) Dr. Ashish Arvind.		A1- Apparatus used in experimental physiology.A2- Haematology practical test.B1- Simple muscle twitch, temp. effect on SMT, effect of strength of stimulus, conduction velocity graphs discussion &	

								CAL amphibian nerve muscle expt..B2- Apparatus used in experimental physiology	
Sunday	20-Oct-19								
Monday	21-Oct-19	Cubital fossa (11.5-11.6)	B1- Practical Revision/SDL.	B2 Observe use of commonly used equipments/techniques in biochemistry.laboratory including: ELISA and immunodiffusion. (B1 11.16)	Cubital fossa (11.5-11.6)	B1 10.4 Describe the central role of Thelper cells in immune response.	Cubital fossa (11.5-11.6)	A2- Simple muscle twitch, temp. effect on SMT, effect of strength of stimulus, conduction velocity graphs discussion & CAL amphibian nerve muscle expt.	A1 Observe use of commonly used equipments/techniques in biochemistry.laboratory including: ELISA and immunodiffusion. (B1 11.16)
Tuesday	22-Oct-19	Back of arm (11.1-11.4)	A1- Simple muscle twitch, temp. effect on SMT, effect of strength of stimulus, conduction velocity graphs discussion & CAL amphibian nerve muscle expt.	A2 Observe use of commonly used equipments/techniques in biochemistry.laboratory including: ELISA and immunodiffusion. (B1 11.16)	Back of arm (11.1-11.4)	B1 10.5 Describe antigens and concepts involved in vaccine development	Back of arm (11.1-11.4)	B2- Simple muscle twitch, temp. effect on SMT, effect of strength of stimulus, conduction velocity graphs discussion & CAL amphibian nerve muscle expt.	B1 Observe use of commonly used equipments/techniques in biochemistry.laboratory including: ELISA and immunodiffusion. (B1 11.16)
Wednesday	23-Oct-19	Front of forearm (12.1-12.4)	B1- Two successive stimuli, tetanus, initial length & load, fatigue graphs discussion	B2 Observe use of commonly used equipments/techniques in biochemistry.laboratory including: pH meter, electrolyte analysis by	Front of forearm (12.1-12.4)	PY 3.9 Describe molecular basis of muscle contraction in skeletal & in smooth musclesDr. Ashish Arvind	Front of forearm (12.1-12.4)	A2- Two successive stimuli, tetanus, initial length & load, fatigue graphs discussion	A1 Observe use of commonly used equipments/techniques in biochemistry.laboratory including: pH meter, electrolyte analysis by

				ISE and ABG analyzer. (B1 11.16)					ISE and ABG analyzer. (B1 11.16)
Thursday	24- Oct- 19	Back of forearm(12.1- 12.4)	A1- Two successive stimuli, tetanus, initial length & load, fatigue graphs discussion	A2 Observe use of commonly used equipments/technique s in biochemistry.laborato ry including: pH meter, electrolyte analysis by ISE and ABG analyzer. (B1 11.16)	Back of forearm(12.1- 12.4)	PY 3.10 Describe mode of muscle contraction (isometric & isotonic).PY3.11 Explain energy source & muscle metabolism (Horizontal integration with Biochemistry) Dr. Ashish Arvind	Back of forearm(12.1- 12.4)	B2- Two successive stimuli, tetanus, initial length & load, fatigue graphs discussion	B1 Observe use of commonly used equipments/technique s in biochemistry.laborato ry including: pH meter, electrolyte analysis by ISE and ABG analyzer. (B1 11.16)
Friday	25- Oct- 19	Tutorial	B1- Normal cardiogram, temp.& drugs effect on cardiogram, properties of heart, vagal stimulation graphs discussion & CAL of amphibian heart expt. B2- Demonstrate Harvard step test & describe impact on physiologic parameters in simulated environment		CM 9.1 Principles of demography, demographic cycle, vital statistics	PY3.12Explain gradation of muscular activity (Vertical integration with General Medicine).PY3.13 Describe muscular dystrophy: myopathies (Vertical integration with General Medicine& Horizontal with Human Anatomy). Dr. Ashish Arvind.	Tutorial	A1- Normal cardiogram, temp.& drugs effect on cardiogram, properties of heart, vagal stimulation graphs discussion & CAL of amphibian heart expt.A2- Mosso's ergography	
Saturday	26- Oct- 19			CM : Orientation to Family Study Index Case Profile	Histology Lymphoid organs (70.2)	PY3.17 Describe strength duration curve.Dr. Ashish Arvind.		A1- Mosso's ergography.A2- Normal cardiogram, temp.& drugs effect on	

								cardiogram,properties of heart, vagal stimulation graphs discussion & CAL of amphibian heart expt.B1- Demonstrate Harvard step test & describe impact on physiologic parameters in simulated environment .B2- Normal cardiogram, temp.& drugs effect on cardiogram,properties of heart, vagal stimulation graphs discussion & CAL of amphibian heart expt	
Sunday	27-Oct-19								
Monday	28-Oct-19	Holiday	HOLIDAY	Holiday	Holiday	HOLIDAY	Holiday	HOLIDAY	Holiday
Tuesday	29-Oct-19	Hand (12.5-12.15)	A1- Demonstrate Harvard step test & describe impact on physiologic	A2 file checking & problem discussion	Hand (12.5-12.15)	B1 5.1 Describe and discuss structural organization of proteins	Hand (12.5-12.15)	B2- Mosso's ergography	B1 file checking & problem discussion

			parameters in simulated environment						
Wednesday	30-Oct-19	Hand (12.5-12.15)	B1- Mosso's ergography	B2 theory test 1	Hand (12.5-12.15)	PY11.8 Discuss & compare cardiorespiratory changes in exercise (isometric & isotonic) with that in resting state & under different environmental conditions (heat & cold) Dr. Ashish Arvind	Hand (12.5-12.15)	A2- Demonstrate Harvard step test & describe impact on physiologic parameters in simulated environment	A1 theory test 1
Thursday	31-Oct-19	Nerves of upper limb	A1- Interpret growth charts & anthropometric assessment of infants (Vertical integration with Pediatrics).	A2 theory test 1	Nerves of upper limb	PY11.6 Describe physiology of infancy (Vertical integration with Pediatrics). PY11.7 Describe & discuss physiology of aging, free radicals & antioxidants Dr. Ashish Arvind	Nerves of upper limb	B2- Interpret growth charts & anthropometric assessment of infants (Vertical integration with Pediatrics).	-B1 theory test 1
Friday	1-Nov-19	Holiday	HOLIDAY		Holiday	HOLIDAY	Holiday	HOLIDAY	
Saturday	2-Nov-19				Nerves of upper limb	Special senses. PY10.13 Describe & discuss perception of smell & taste sensation (Vertical integration with ENT). Dr. Jyoti Yadav		Nerve muscle physiology tutorial	
Sunday	3-Nov-								

	19								
Monday	4- Nov- 19	Joints of Upper limb (13.3-13.5)	B1- Interpret growth charts & anthropometric assessment of infants (Vertical integration with Pediatrics).	B2 Tutorial 2	Joints of Upper limb (13.3-13.5)	B1 5.1 Describe and discuss structural organization of proteins	Joints of Upper limb (13.3-13.5)	A2- Interpret growth charts & anthropometric assessment of infants (Vertical integration with Pediatrics).	A1 Tutorial 2
Tuesday	5- Nov- 19	Venous drainage of Upper limb (13.1)	A1- Test taste sensation. (Vertical integration with ENT)	A2 Tutorial 2	Venous drainage of Upper limb (13.1)	B1 5.1 Describe and discuss structural organization of proteins	Venous drainage of Upper limb (13.1)	B2- Test taste sensation (Vertical integration with ENT)	B1 Tutorial 2
Wednesday	6- Nov- 19	Development of Upper limb (13.8)	B1- Test taste sensation. (Vertical integration with ENT)	B2 SDL 1	Development of Upper limb (13.8)	PY10.13 Describe & discuss perception of smell & taste sensation (Vertical integration with ENT) Dr. Jyoti Yadav	Development of Upper limb (13.8)	A2- Test taste sensation (Vertical integration with ENT)	A1 SDL 1
Thursday	7- Nov- 19	Test of Upper limb	A1- Test smell sensation. (Vertical integration with ENT) .	A2 SDL 1.	Test of Upper limb	PY10.14 Describe & discuss pathophysiology of altered smell & taste sensation (Vertical integration with ENT) Dr. Jyoti Yadav	Test of Upper limb	B2- Test smell sensation. (Vertical integration with ENT)	B1- SDL 1
Friday	8- Nov- 19	Tutorial	B1- Test smell sensation. (Vertical integration with ENT) . B2- Practical Revision/SDL & notebook checking		CM 1.8 Describe the demographic profile of India and discuss its impact on health	PY10.15 Describe & discuss functional anatomy of ear & auditory pathways and Physiology of hearing (Vertical integration with ENT) Dr. Jyoti Yadav	Tutorial	A1- Practical Revision/SDL & notebook checking. A2- Test smell sensation (Vertical integration with ENT) ..	
Saturday	9-			Tutorial- Concepts of	Histology of Salivary	PY10.15 Describe & discuss		A1-Test of smell &	

	Nov-19			health & Disease	Gland (43.2)	functional anatomy of ear & auditory pathways and Physiology of hearing (Vertical integration with ENT) Dr. Jyoti Yadav		taste sensation (Skill assessment/viva voce)-1 certification each..A2- Practical Revision/SDL and Notebook checking .B1- Practical Revision/SDL and Notebook checking .B2- Test of smell & taste sensation (Skill assessment/viva voce)-1 certification each.	
Sunday	10-Nov-19								
Monday	11-Nov-19	Scalp (27.1-27.2)	B1- Test of smell & taste sensation (Skill assessment/viva voce)-1 certification each.	B2 Card discussion	Scalp (27.1-27.2)	B1 5.2 Describe and discuss functions of proteins and structure-function relationships in relevant areas eg, hemoglobin and selected hemoglobinopathies	Scalp (27.1-27.2)	A2- Test of smell & taste sensation (Skill assessment/viva voce)-1 certification each.	A1- Card discussion
Tuesday	12-Nov-19	Holiday	HOLIDAY		Holiday	HOLIDAY	Holiday	HOLIDAY	

Wednesday	13-Nov-19	Muscles of face (28.1)	B1-To assess hearing & Audiometry (Vertical integration with ENT)	B2 Group discussion	Muscles of face (28.1)	PY10.16 Describe & discuss pathophysiology of deafness. Describe hearing tests (Vertical integration with ENT) Dr. Jyoti Yadav	Muscles of face (28.1)	A2- To assess hearing & Audiometry (Vertical integration with ENT)	A1 Group discussion
Thursday	14-Nov-19	Blood supply & Nerve supply of face (28.2-28.8)	A1- To assess hearing & Audiometry (Vertical integration with ENT)	A2 Group discussion	Blood supply & Nerve supply of face (28.2-28.8)	PY 10.17 Describe & discuss functional anatomy of eye, physiology of image formation, physiology of vision including colour vision, refractive errors, colour blindness, physiology of pupil & light reflex (Vertical integration with Ophthalmology) Dr. Jyoti Yadav	Blood supply & Nerve supply of face (28.2-28.8)	B2- To assess hearing & Audiometry (Vertical integration with ENT)	B1 Group discussion
Friday	15-Nov-19	Tutorial	B1- Nerve muscle physiology tutorial. B2- Nerve muscle physiology tutorial		CM2.1 Clinico socio-cultural and demographic assessment of the individual, family and community	PY 10.17 Describe & discuss functional anatomy of eye, physiology of image formation, physiology of vision including colour vision, refractive errors, colour blindness, physiology of pupil & light reflex (Vertical integration with Ophthalmology) Dr. Jyoti Yadav	Tutorial	A1- Nerve muscle physiology tutorial. A2- Nerve muscle physiology tutorial	
Saturday	16-Nov-19			CM : Visit to Hospital wards & emergency to demonstrate	Histology- Lip & Tongue (43.2 & 43.3)	PY 10.17 Describe & discuss functional anatomy of eye, physiology of		A1-Test of to assess hearing (Skill assessment/viva)	

				Biomedical Waste Management		image formation,physiology of vision including colour vision,refractive errors, colour blindness, physiology of pupil & light reflex. (Vertical integration with Ophthalmology) Dr. Jyoti Yadav		voce)-1 certification..A2- Test of to assess hearing (Skill assessment/viva voce)-1 certification..B1- Test of to assess hearing (Skill assessment/viva voce)-1 certification.. B2- Test of to assess hearing (Skill assessment/viva voce)-1 certification..	
Sunday	17- Nov-19								
Monday	18- Nov-19	Development of face (43.4)	B1- Test colour vision.(Vertical integration with Ophthalmology)	B2 Tutorial 3	Development of face (43.4)	B1 5.3Describe the digestion and absorption of dietary proteins	Development of face (43.4)	A2- Test colour vision .(Vertical integration with Ophthalmology)	A1 Tutorial 3
Tuesday	19- Nov-19	Sub-occipital region (42.2)	A1- Test colour vision (Vertical integration with Ophthalmology)	A2 Tutorial 3	Sub-occipital region (42.2)	B1 5.4 Describe common disorders associated with protein metabolism.	Sub-occipital region (42.2)	B2- Test colour vision.(Vertical integration with Ophthalmology)	B1 Tutorial 3
Wednesday	20- Nov-19	Development of Palate & Tongue (43.4)	B1- Test visual acuity .(Vertical integration with Ophthalmology)	B2 SPOTTERS	Development of Palate & Tongue (43.4)	PY 10.17 Describe & discuss functional anatomy of eye, physiology of image formation,physiology of vision including colour	Development of Palate & Tongue (43.4)	A2- Test visual acuity.(Vertical integration with Ophthalmology)	A1 SPOTTERS

						vision,refractive errors, colour blindness, physiology of pupil & light reflex. (Vertical integration with Ophthalmology) Dr. Jyoti Yadav			
Thursday	21- Nov- 19	Dura mater & intracranial venous sinuses (30.3-30.4)	A1- Test visual acuity .(Vertical integration with Ophthalmology)	A2 SPOTTERS	Dura mater & intracranial venous sinuses (30.3-30.4)	PY10.18 Describe & discuss physiological basis of lesion in visual pathway.PY10.19Describe & discuss auditory & visual evoke potentials.(Vertical integration with Ophthalmology)Dr. Jyoti Yadav	Dura mater & intracranial venous sinuses (30.3-30.4)	B2- To map peripheral field of vision with perimeter.(Vertical integration with Ophthalmology)	B1 SPOTTERS
Friday	22- Nov- 19	Tutorial	B1- To map peripheral field of vision with perimeter .(Vertical integration with Ophthalmology).B2- Test light & accommodation reflex.(Vertical integration with Ophthalmology)		CM 2.3 Assessment of barriers to good health and health seeking behavior	Neurophysiology .PY10.1 Describe and discuss organization of nervous system (Horizontal integration with Human Anatomy)Dr. Kiran.	Tutorial	A1- To map peripheral field of vision with perimeter.(Vertical integration with Ophthalmology).A2- Test light & accommodation reflex.(Vertical integration with Ophthalmology)	
Saturday	23- Nov- 19			CM : Describe the methods of organizing health promotion, education & counseling activities at individual, family &	Histology- Tonsil & Epiglottis (43.2)	PY 10.2 Describe & discuss functions & properties of synapse, reflex, receptors(Horizontal integration with Human Anatomy) Dr. Kiran		A1-Test of visual acuity, colour vision, field of vision (Skill assessment/viva voce)-1 certification..A2- To	

				community settings				map peripheral field of vision with perimeter.(Vertical integration with Ophthalmology).B1- Test of visual acuity, colour vision, field of vision (Skill assessment/viva voce)-1 certification..B2- Test visual acuity.(Vertical integration with Ophthalmology).	
Sunday	24-Nov-19								
Monday	25-Nov-19	Cavernous sinus (30.4)	B1- Test light & accommodation reflex (Vertical integration with Ophthalmology)	B2 Demonstrate estimation of urea in serum. (B1 11.21)	Cavernous sinus (30.4)	B1 5.4 Describe common disorders associated with protein metabolism.	Cavernous sinus (30.4)	A2- Test of visual acuity, colour vision, field of vision (Skill assessment/viva voce)-1 certification.	A1 Demonstrate estimation of urea in serum. (B1 11.21)
Tuesday	26-Nov-19	Posterior triangle of neck (29.1-29.4)	A1- Test light & accommodation reflex (Vertical integration with Ophthalmology)	A2 Demonstrate estimation of urea in serum. (B1 11.21)	Posterior triangle of neck (29.1-29.4)	B1 5.4 Describe common disorders associated with protein metabolism.	Posterior triangle of neck (29.1-29.4)	B2- Test of visual acuity, colour vision, field of vision (Skill assessment/viva voce)-1 certification.	B1 Demonstrate estimation of urea in serum. (B1 11.21)
Wednesday	27-Nov-19	Pharyngeal Arches (43.4)	B1- To assess reaction time	B2 SDL 2	Pharyngeal Arches (43.4)	PY 10.2 Describe & discuss functions & properties of synapse, reflex, receptors(Horizontal	Pharyngeal Arches (43.4)	A2- To assess reaction time	A1 SDL 2

						integration with Human Anatomy) Dr. Kiran			
Thursday	28-Nov-19	Cervical fascia (35.1)	A1- To assess reaction time	A2 SDL 2	Cervical fascia (35.1)	PY 10.2 Describe & discuss functions & properties of synapse, reflex, receptors(Horizontal integration with Human Anatomy) Dr. Kiran	Cervical fascia (35.1)	B2- To assess reaction time	B1 SDL 2
Friday	29-Nov-19	Tutorial	B1- Clinical examination of cranial nerves (Horizontal integration with Anatomy). B2- Clinical examination of cranial nerves (Horizontal integration with Anatomy).		CM 2.4 Describe social psychology, community behaviour and community relationship and their impact on health and disease	PY 10.2 Describe & discuss functions & properties of synapse, reflex, receptors(Horizontal integration with Human Anatomy) Dr. Kiran.	Tutorial	A1- Clinical examination of cranial nerves (Horizontal integration with Anatomy)..A2- Clinical examination of cranial nerves (Horizontal integration with Anatomy)..	
Saturday	30-Nov-19			CM : Demonstrate various measures for population control	Histology – Thyroid, Parathyroid & Pituitary gland (43.2)	PY 10.3 Describe & discuss somatic sensations & sensory tracts(Horizontal integration with Human Anatomy) Dr. Kiran		Written test Nerve muscle physiology	
Sunday	1-Dec-19								
Monday	2-Dec-19	Anterior triangles of neck- I (32.1-32.2)	B1-Test of Clinical examination of cranial nerves-	B2 Describe screening of urine for inborn errors & describe the use of	Anterior triangles of neck- I (32.1-32.2)	B1 5.4 Describe common disorders associated with protein metabolism.	Anterior triangles of neck- I (32.1-32.2)	A2- Test of Clinical examination of cranial nerves-certify	A1 Describe screening of urine for inborn errors & describe the use of

			certify	paper.Chromatography. (B1 11.5).					paper.Chromatography. (B1 11.5).
Tuesday	3-Dec-19	Anterior triangles of neck- II (32.1-32.2)	A1- Test of Clinical examination of cranial nerves – certify	A2 Describe screening of urine for inborn errors & describe the use of paper.Chromatography. (B1 11.5).	Anterior triangles of neck- II (32.1-32.2)	B1 5.5 Interpret laboratory results of analytes associated with metabolism of proteins.	Anterior triangles of neck- II (32.1-32.2)	B2- Test of Clinical examination of cranial nerves - certify..	B1 Describe screening of urine for inborn errors & describe the use of paper.Chromatography. (B1 11.5)..
Wednesday	4-Dec-19	Thyroid gland (35.2)	B1- Study of superficial & deep reflexes (Horizontal integration with Anatomy).	B2 Describe screening of urine for inborn errors & describe the use of paper.Chromatography. (B1 11.5)	Thyroid gland (35.2)	PY 10.3 Describe & discuss somatic sensations & sensory tracts(Horizontal integration with Human Anatomy) Dr. Kiran	Thyroid gland (35.2)	A2- Study of superficial & deep reflexes(Horizontal integration with Anatomy)..	A1 Describe screening of urine for inborn errors & describe the use of paper.Chromatography. (B1 11.5).
Thursday	5-Dec-19	Pharyngeal arches & development of Thyroid gland (43.4)	A1- Study of superficial & deep reflexes(Horizontal integration with Anatomy).	A2 Describe screening of urine for inborn errors & describe the use of paper.Chromatography. (B1 11.5)	Pharyngeal arches & development of Thyroid gland (43.4)	PY 10.3 Describe & discuss somatic sensations & sensory tracts (Horizontal integration with Human Anatomy) Dr. Kiran.	Pharyngeal arches & development of Thyroid gland (43.4)	B2- Study of superficial & deep reflexes(Horizontal integration with Anatomy)..	B1 Describe screening of urine for inborn errors & describe the use of paper.Chromatography. (B1 11.5).
Friday	6-Dec-19	Tutorial	B1- Test of superficial & deep reflexes-certify.B2- Test of superficial & deep reflexes-certify		CM2.5 Describe poverty and social security measures and its relationship to health and disease	PY10.4 Describe & discuss motor tracts, mechanism of maintenance of tone, control of body movements, posture & equilibrium & vestibular apparatus(Horizontal integration with Human Anatomy) Dr. Kiran	Tutorial	A1-Test of superficial & deep reflexes-certify.A2-Test of superficial & deep reflexes-certify	
Saturday	7-Dec-			Tutorial- Family Study, Demography, SES,	Histology- Cornea, Sclero- corneal	PY10.4 Describe & discuss motor tracts, mechanism		Special senses	

	19			Sanitation & Hygiene, Health Seeking Behaviour	junction, Optic nerve (43.2-43.3)	of maintenance of tone, control of body movements, posture & equilibrium & vestibular apparatus(Horizontal integration with Human Anatomy) Dr. Kiran		tutorial	
Sunday	8-Dec-19								
Monday	9-Dec-19	Cervical sympathetic chain (35.6)	B1- Obtain history & perform general examination in volunteer/simulated environment-DOAP session	B2 Tutorial 4	Cervical sympathetic chain (35.6)	B1 5.5 Interpret laboratory results of analytes associated with metabolism of proteins.	Cervical sympathetic chain (35.6)	A2- Demonstrate basic life support in a simulated environment-DOAP session(Vertical integration with General Medicine & Anesthesia).	A1 Tutorial 4.
Tuesday	10-Dec-19	Muscles of eye (31.1)	A1- Obtain history & perform general examination in volunteer/simulated environment-DOAP session	A2 Tutorial 4	Muscles of eye (31.1)	B1 6.11 Describe the functions of haem in the body and describe the processes involved in its metabolism...	Muscles of eye (31.1)	B2- Obtain history & perform general examination in volunteer/simulated environment-DOAP session.	B1 Tutorial 4
Wednesday	11-Dec-19	Eye ball (41.1-41.3)	B1- Demonstrate basic life support in a simulated environment-DOAP session (Vertical integration with General Medicine &	B2 Demonstrate the estimation of serum bilirubin. (B1 11.12)	Eye ball (41.1-41.3)	PY10.4 Describe & discuss motor tracts, mechanism of maintenance of tone, control of body movements, posture & equilibrium & vestibular apparatus (Horizontal integration with Human	Eye ball (41.1-41.3)	A2- Obtain history & perform general examination in volunteer/simulated environment-DOAP session.	A1 Demonstrate the estimation of serum bilirubin. (B1 11.12)

			Anesthesia)			Anatomy) Dr. Kiran.			
Thursday	12-Dec-19	Development of eye (43.4)	A1- Demonstrate basic life support in a simulated environment-DOAP session(Vertical integration with General Medicine & Anesthesia)	A2 Demonstrate the estimation of serum bilirubin. (B1 11.12)	Development of eye (43.4)	PY10.4 Describe & discuss motor tracts, mechanism of maintenance of tone, control of body movements, posture & equilibrium & vestibular apparatus (Horizontal integration with Human Anatomy) Dr. Kiran.	Development of eye (43.4)	B2- Demonstrate basic life support in a simulated environment-DOAP session(Vertical integration with General Medicine & Anesthesia).	B1 Demonstrate the estimation of serum bilirubin. (B1 11.12)
Friday	13-Dec-19	Tutorial	B1- Special senses tutorial .B2- Special senses tutorial		CM 3.2(i) Water quality standards, surveillance, water conservation,CM 3.3 Water borne diseases	PY10.4 Describe & discuss motor tracts, mechanism of maintenance of tone, control of body movements, posture & equilibrium & vestibular apparatus(Horizontal integration with Human Anatomy) Dr. Kiran.	Tutorial	A1- Special senses tutorial.A2- Special senses tutorial	
Saturday	14-Dec-19			Visit to Hospital Kitchen, PGIMS	Histology- Retina & Eyelid (43.2 & 43.3)	PY10.4 Describe & discuss motor tracts, mechanism of maintenance of tone, control of body movements, posture & equilibrium & vestibular apparatus(Horizontal integration with Human Anatomy) Dr. Kiran		Special senses written test.	
Sunday	15-Dec-19								

Monday	16-Dec-19	Parotid gland (28.9-28.10)	B1-Nerve muscle physiology, heart expts. & vagal stimulation graphs Revision/SDL	B2 Explain the basis and rationale of biochemical tests done in liver diseases, Jaundice, Pancreatitis. (B1 11.17)	Parotid gland (28.9-28.10)	B1 6.11 Describe porphyrin metabolism...	Parotid gland (28.9-28.10)	A2- Nerve muscle physiology, heart expts. & vagal stimulation graphs Revision/SDL	A1 Explain the basis and rationale of biochemical tests done in liver diseases, Jaundice, Pancreatitis. (B1 11.17)
Tuesday	17-Dec-19	Temporo-mandibular joint (43.1)	A1- Nerve muscle physiology, heart expts. & vagal stimulation graphs Revision/SDL	A2 Explain the basis and rationale of biochemical tests done in liver diseases, Jaundice, Pancreatitis. (B1 11.17)	Temporo- mandibular joint (43.1)	B1 6.12 Describe the major types of haemoglobin and its derivatives found in the body and their physiological/ pathological relevance.	Temporo-mandibular joint (43.1)	B2- Nerve muscle physiology, heart expts. & vagal stimulation graphs Revision/SDL	B1 Explain the basis and rationale of biochemical tests done in liver diseases, Jaundice, Pancreatitis. (B1 11.17)
Wednesday	18-Dec-19	Mandibular nerve (33.2)	B1- Test of Nerve muscle physiology, heart expts. & vagal stimulation graphs	B2 Group discussion	Mandibular nerve (33.2)	PY10.5 Describe & discuss functions of reticular activating system, autonomic nervous system(Horizontal integration with Human Anatomy)Dr. Kiran	Mandibular nerve (33.2)	A2- Test of Nerve muscle physiology, heart expts. & vagal stimulation graphs	A1 Group discussion
Thursday	19-Dec-19	Development of Pituitary gland (43.4)	A1- Test of Nerve muscle physiology, heart expts. & vagal stimulation graphs	A2 Group discussion	Development of Pituitary gland (43.4)	PY10.6 Describe & discuss spinal cord, its functions lesion & sensory disturbances (Horizontal integration with Human Anatomy) Dr. Kiran	Development of Pituitary gland (43.4)	B2- Test of Nerve muscle physiology, heart expts. & vagal stimulation graphs	B1 Group discussion
Friday	20-Dec-19	Tutorial	B1- Clinical examination of sensory system(Horizontal integration with Anatomy)..B2- Clinical examination		CM 3.1 (ii) Air pollution: health hazards, monitoring & legislation	PY10.6 Describe & discuss spinal cord, its functions lesion & sensory disturbances(Horizontal integration with Human Anatomy) Dr. Kiran.	Tutorial	A1- Clinical examination of sensory system(Horizontal integration with Anatomy). .A2- Clinical examination	

			of sensory system(Horizontal integration with Anatomy).					of sensory system (Horizontal integration with Anatomy).	
Saturday	21-Dec-19			Tutorial : Air, Water Quality Standards, Pollution, Monitoring	Histology Olfactory Epithelium, Cochlea- Organ of Corti, Pineal Gland (43.3)	PY10.7 Describe & discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum & limbic system & their abnormalities(Vertical integration with Psychiatry & Horizontal integration with Human Anatomy) .PY11.1 Describe & discuss mechanism of temperature regulation.PY11.2 Describe & discuss adaptation to altered temperature(heat & cold). PY11.3 Describe & discuss mechanism of fever,cold injuries & heat stroke Dr. Kiran.		A1- Test of Clinical examination of sensory system-certify.A2- Test of Clinical examination of sensory system-certify.B1- Test of Clinical examination of sensory system-certify.B2- Test of Clinical examination of sensory system-certify.	
Sunday	22-Dec-19								
Monday	23-Dec-19	Submandibular gland (34.1 & 34.2)	B1-CNS tutorial	B2 SDL 3	Submandibular gland (34.1 & 34.2)	B1 6.5.Describe the biochemical role of fat soluble vitamins in the body and explain the manifestations of their	Submandibular gland (34.1 & 34.2)	A2- CNS tutorial	A1 SDL 3

						deficiency			
Tuesday	24-Dec-19	Parasympathetic Ganglia in Head & Neck (33.2, 34.2 & 31.5)	A1- CNS tutorial	A2 SDL 3	Parasympathetic Ganglia in Head & Neck (33.2, 34.2 & 31.5)	B1 6.5. Describe the biochemical role of fat soluble vitamins in the body and explain the manifestations of their deficiency	Parasympathetic Ganglia in Head & Neck (33.2, 34.2 & 31.5)	B2- CNS tutorial	B1 SDL 3
Wednesday	25-Dec-19	Winter Vacation	HOLIDAY		Winter Vacation	HOLIDAY	Winter Vacation	HOLIDAY	
Thursday	26-Dec-19	Winter Vacation	VACATION		Winter Vacation	VACATION	Winter Vacation	VACATION	
Friday	27-Dec-19	Winter Vacation	Winter Vacation	Winter Vacation	Winter Vacation	VACATION	Winter Vacation	VACATION	
Saturday	28-Dec-19	Winter Vacation	Winter Vacation	Winter Vacation	Winter Vacation	VACATION	Winter Vacation	VACATION	
Sunday	29-Dec-19	Winter Vacation	Winter Vacation	Winter Vacation	Winter Vacation	VACATION	Winter Vacation	VACATION	
Monday	30-Dec-19	Winter Vacation	Winter Vacation	Winter Vacation	Winter Vacation	VACATION	Winter Vacation	VACATION	
Tuesday	31-Dec-19	Winter Vacation	Winter Vacation	Winter Vacation	Winter Vacation	VACATION	Winter Vacation	VACATION	

Wednesday	1-Jan-20	Winter Vacation	Winter Vacation	Winter Vacation	Winter Vacation	VACATION	Winter Vacation	VACATION	
Thursday	2-Jan-20	Pharynx (36.1-36.5)	A1- Basal metabolic rate	A2 Card discussion	Pharynx (36.1-36.5)	Endocrine .PY8.1Describe physiology of bone & calcium metabolismDr. Geetanjali.	Pharynx (36.1-36.5)	B2- Basal metabolic rate	B1 Card discussion
Friday	3-Jan-20	Soft palate (36.1-36.5)	B1- Basal metabolic rate.B2-Notebook checking		Soft palate (36.1-36.5)	PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation & effect of altered (hypo & hyper) secretion of pituitary gland , thyroid gland, parathyroid gland, adrenal gland, pancreas & hypothalamusDr. Geetanjali	Soft palate (36.1-36.5)	A1- Notebook checking.A2-Basal metabolic rate	
Saturday	4-Jan-20	AETCOM	AETCOM	AETCOM	B1 6.13 & 6.15 Describe the functions of the kidney and its abnormalities	PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation & effect of altered (hypo & hyper) secretion of pituitary gland , thyroid gland, parathyroid gland, adrenal gland, pancreas & hypothalamus Dr. GeetanjaliB1 6.13 & 6.15 Describe the functions of the kidney and its abnormalities		A1-Practical Revision/SDL & notebook checking.A2- Practical Revision/SDL & notebook checking.B1- Practical Revision/SDL & notebook checking.B2-Practical Revision/SDL & notebook checking	-

Sunday	5-Jan-20								
Monday	6-Jan-20	Nasal cavity (37.1-37.3)	B1- Endocrine spots	B2 Tutorial 5	Nasal cavity (37.1-37.3)	B1 6.13 & 6.15 Describe the functions of the liver and its abnormalities	Nasal cavity (37.1-37.3)	A2- Endocrine spots	A1 Tutorial 5
Tuesday	7-Jan-20	Larynx (cartilage & cavity) (38.2 & 38.3)	A1- Endocrine spots	A2 Tutorial 5	Larynx (cartilage & cavity) (38.2 & 38.3)	B1 6.13 & 6.15 Describe the functions of the thyroid and its abnormalities	Larynx (cartilage & cavity) (38.2 & 38.3)	B2- Endocrine spots	B1 Tutorial 5
Wednesday	8-Jan-20	Muscles of larynx (38.1)	B1- Endocrine spots	B2 Explain the basis and rationale of biochemical tests done in thyroid disorders. (B1 11.17)	Muscles of larynx (38.1)	PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation & effect of altered (hypo & hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas & hypothalamus Dr. Geetanjali	Muscles of larynx (38.1)	A2- Endocrine spots	A1 Explain the basis and rationale of biochemical tests done in thyroid disorders. (B1 11.17)
Thursday	9-Jan-20	Tongue (39.1-39.2)	A1- Endocrine spots	A2 Explain the basis and rationale of biochemical tests done in thyroid disorders. (B1 11.17)	Tongue (39.1-39.2)	PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation & effect of altered (hypo & hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas & hypothalamus Dr.	Tongue (39.1-39.2)	B2- Endocrine spots	B1 Explain the basis and rationale of biochemical tests done in thyroid disorders. (B1 11.17)

						Geetanjali			
Friday	10-Jan-20	External ear & Middle ear (40.1 & 40.2)	B1- Notebook checking. B2- Notebook checking.		External ear & Middle ear (40.1 & 40.2)	PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation & effect of altered (hypo & hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas & hypothalamus Dr. Geetanjali	External ear & Middle ear (40.1 & 40.2)	A1- Notebook checking. A2- Notebook checking.	
Saturday	11-Jan-20	AETCOM	AETCOM	AETCOM	B1 6.13 & 6.15 Describe the functions of the adrenals and its abnormalities	PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation & effect of altered (hypo & hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas & hypothalamus Dr. Geetanjali B1 6.13 & 6.15 Describe the functions of the adrenals and its abnormalities		A1- Practical Revision/SDL. A2- Practical Revision/SDL. B1- Practical Revision/SDL. B2- Practical Revision/SDL	-
Sunday	12-Jan-20								
Monday	13-Jan-	Internal ear (40.3)	B1- Endocrine spots	B2 SDL 4	Internal ear (40.3)	B1 3.1 Discuss and differentiate monosaccharides,	Internal ear (40.3)	A2- Endocrine spots	A1 SDL 4

	20					disaccharides and polysaccharides giving examples of main carbohydrates as energy fuel.			
Tuesday	14-Jan-20	Development of ear (43.4)	A1- Endocrine spots	A2 SDL 4	Development of ear (43.4)	B1 3.1 Discuss carbohydrates as structural element and storage in the human body	Development of ear (43.4)	B2- Endocrine spots	B1 SDL 4
Wednesday	15-Jan-20	Joints of head & neck (43.1)	B1- Endocrine spots Revision/SDL	B2 Tutorial 6	Joints of head & neck (43.1)	PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation & effect of altered (hypo & hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas & hypothalamus Dr. Geetanjali	Joints of head & neck (43.1)	A2- Endocrine spots Revision/SDL	A1 Tutorial 6
Thursday	16-Jan-20	Test of Head & Neck	A1- Endocrine spots Revision/SDL	A2 Tutorial 6	Test of Head & Neck	PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation & effect of altered (hypo & hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas & hypothalamus Dr. Geetanjali	Test of Head & Neck	B2- Endocrine spots Revision/SDL	B1 Tutorial 6

Friday	17-Jan-20	Development of Nervous system along with neural tube defects (64.2-64.3)	B1- Endocrine tutorial.B2- Endocrine tutorial		Development of Nervous system along with neural tube defects (64.2-64.3)	PY8.3Describe physiology of thymus & pineal gland..PY8.4 Describe function testsThyroid gland, Adrenal cortex, Adrenal medulla & pancreas (Horizontal integration with Biochemistry)Dr. Geetanjali	Development of Nervous system along with neural tube defects (64.2-64.3)	A1- Endocrine tutorial ..A2- Endocrine tutorial	
Saturday	18-Jan-20	AETCOM	AETCOM	AETCOM	B1 3.2 &3.3 Describe the processes involved in digestion and assimilation of carbohydrates from food and storage.	PY8.5Describe metabolic & endocrine consequences of obesity & metabolic syndrome, Stress response. Outline psychiatry component pertaining to metabolic syndrome..PY11.5 Describe & discuss physiological consequences of sedentary lifestyle Dr. Geetanjali		Endocrine spots test	-
Sunday	19-Jan-20								
Monday	20-Jan-20	Spinal cord (57.1-57.5)	B1- Clinical examination of motor functions(Horizontal integration with Anatomy).	B2 Case Discussion	Spinal cord (57.1-57.5)	B1 3.4 & 3.5 Define and differentiate the pathways of carbohydrate metabolism, (glycolysis, gluconeogenesis, glycogen metabolism, HMP shunt)	Spinal cord (57.1-57.5)	A2- Clinical examination of motor functions. (Horizontal integration with Anatomy).	A1 Case Discussion

						Describe and discuss the regulation, functions and integration of carbohydrate along with associated diseases/disorders.			
Tuesday	21-Jan-20	Medulla oblongata (58.1-58.4)	A1 - Clinical examination of motor functions(Horizontal integration with Anatomy).	A2 Case Discussion	Medulla oblongata (58.1-58.4)	do	Medulla oblongata (58.1-58.4)	B2- Clinical examination of motor functions(Horizontal integration with Anatomy)..	B1 Case Discussion
Wednesday	22-Jan-20	Pons (59.1-59.3)	B1- Test of Clinical examination of motor functions-certify .	B2 THEORY TEST 2	Pons (59.1-59.3)	PY8.6 Describe & differentiate mechanism of action of steroid, protein & amine hormones Dr. Geetanjali	Pons (59.1-59.3)	A2- Test of Clinical examination of motor functions-certify .	A1 THEORY TEST 2
Thursday	23-Jan-20	Mid- Brain (61.1-61.3)	A1- Test of Clinical examination of motor functions-certify . .	A2 THEORY TEST 2	Mid- Brain (61.1-61.3)	Neurophysiology.PY10.7 Describe & discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum & limbic system & their abnormalities (Vertical integration with Psychiatry & Horizontal integration with Human Anatomy)Dr. Kiran	Mid- Brain (61.1-61.3)	B2- Test of Clinical examination of motor functions-certify .	B1 THEORY TEST 2
Friday	24-Jan-	Tutorial	B1- Endocrine tutorial .B2-		Histology- Spinal cord (64.1)	PY10.7 Describe & discuss functions of cerebral cortex, basal ganglia,	Tutorial	A1- Endocrine tutorial .A2-	

	20		Endocrine tutorial .			thalamus, hypothalamus, cerebellum & limbic system & their abnormalities (Vertical integration with Psychiatry & Horizontal integration with Human Anatomy)Dr. Kiran		Endocrine tutorial .	
Saturday	25-Jan-20	AETCOM	AETCOM	AETCOM	B1 3.2 &3.3 Describe the processes involved in digestion and assimilation of carbohydrates from food and storage.	PY10.7 Describe & discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum & limbic system & their abnormalities (Vertical integration with Psychiatry & Horizontal integration with Human Anatomy) Dr. Kirando		Written test of Endocrinology	
Sunday	26-Jan-20								
Monday	27-Jan-20	Blood supply of brain (62.6)	B1-Clinical examination of higher functions(Horizontal integration with Anatomy).	B2 Demonstrate estimation of glucose in.serum. (B1 11.21)	Blood supply of brain (62.6)	B1 3.6 & 3.7 Describe and discuss the concept of TCA cycle as a amphibolic pathway and its regulation and the common poisons that inhibit crucial enzymes of carbohydrate metabolism (eg; fluoride, arsenate. .	Blood supply of brain (62.6)	A2- Clinical examination of higher functions(Horizontal integration with Anatomy).	A1 Demonstrate estimation of glucose in.serum. (B1 11.21)

Tuesday	28-Jan-20	Fourth ventricle (63.1-63.2)	A1- Clinical examination of higher functions (Horizontal integration with Anatomy).	A2 Demonstrate estimation of glucose in serum. (B1 11.21)	Fourth ventricle (63.1-63.2)	B1 3.8 Discuss and interpret laboratory results of analytes associated with metabolism of carbohydrates	Fourth ventricle (63.1-63.2)	B2 - Clinical examination of higher functions (Horizontal integration with Anatomy).	B1 Demonstrate estimation of glucose in serum. (B1 11.21)
Wednesday	29-Jan-20	Cranial Nerve Nuclei-I (62.1)	B1-Test of Clinical examination of higher functions-certify	B2 Explain the basis and rationale of biochemical tests done in diabetes mellitus. (B1 11.17)	Cranial Nerve Nuclei-I (62.1)	PY10.7 Describe & discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum & limbic system & their abnormalities (Vertical integration with Psychiatry & Horizontal integration with Human Anatomy) Dr. Kiran	Cranial Nerve Nuclei-I (62.1)	A2- Test of Clinical examination of higher functions-certify	A1 Explain the basis and rationale of biochemical tests done in diabetes mellitus. (B1 11.17)
Thursday	30-Jan-20	Holiday	HOLIDAY	A2 Explain the basis and rationale of biochemical tests done in diabetes mellitus. (B1 11.17)	Holiday	HOLIDAY	Holiday	HOLIDAY	B1 Explain the basis and rationale of biochemical tests done in diabetes mellitus. (B1 11.17)
Friday	31-Jan-20	Tutorial	B1- Recording & analysis of human EEG & Identification of normal EEG forms (Vertical integration with Psychiatry). B2-Test of Clinical examination of higher functions-		Histology Cerebrum & Cerebellum (64.1)	PY10.7 Describe & discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum & limbic system & their abnormalities (Vertical integration with Psychiatry & Horizontal integration with Human Anatomy) Dr.	Tutorial	A1— Test of Clinical examination of higher functions-certify. A2- Recording & analysis of human EEG & Identification of normal EEG forms (Vertical integration with	

			certify			Kiran		Psychiatry).	
Saturday	1- Feb- 20		HOLIDAY			HOLIDAY		HOLIDAY	
Sunday	2- Feb- 20								
Monday	3- Feb- 20	Cranial Nerve Nuclei-II (62.1)	B1- Practical Revision/SDL & notebook checking	B2 PRACTICAL TEST 1	Cranial Nerve Nuclei-II (62.1)	B 1 3.9 Discuss the mechanism and significance of blood glucose regulation in health and disease	Cranial Nerve Nuclei-II (62.1)	A2- Practical Revision/SDL & notebook checking.	A1 PRACTICAL TEST 1.
Tuesday	4- Feb- 20	Cerebellum (60.1-60.3)	A1- Recording & analysis of human EEG & Identification of normal EEG forms (Vertical integration with Psychiatry).	A2 PRACTICAL TEST 1.	Cerebellum (60.1-60.3)	B1 3.10 Interpret the results of blood glucose levels and other laboratory investigations related to disorders of carbohydrate metabolism	Cerebellum (60.1-60.3)	B2- Recording & analysis of human EEG & Identification of normal EEG forms (Vertical integration with Psychiatry).	B1 PRACTICAL TEST 1.
Wednesday	5- Feb- 20	Thalamus, Epithalamus, Metathalamus (62.5)	B1-Test of Identification of normal EEG forms- OSPE/Viva	B2 Group discussion	Thalamus, Epithalamus, Metathalamus (62.5)	PY10.7 Describe & discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum & limbic system & their abnormalities (Vertical integration with Psychiatry & Horizontal integration with Human Anatomy) Dr. Kiran	Thalamus, Epithalamus, Metathalamus (62.5)	A2- Test of Identification of normal EEG forms- OSPE/Viva	A1 Group discussion

Thursday	6-Feb-20	Hypothalamus (62.5)	A1- Test of Identification of normal EEG forms- OSPE/Viva	A2 Group discussion	Hypothalamus (62.5)	PY10.8 Describe & discuss behavioural & EEG characteristics during sleep & mechanism responsible for its production (Vertical integration with Psychiatry) Dr. Kiran..	Hypothalamus (62.5)	B2- Test of Identification of normal EEG forms- OSPE/Viva	B1 Group discussion
Friday	7-Feb-20	Functional areas of Cerebrum (62.2)	B1- Practical Revision/SDL.B2- Practical Revision/SDL.		Functional areas of Cerebrum (62.2)	PY10.8 Describe & discuss behavioural & EEG characteristics during sleep & mechanism responsible for its production (Vertical integration with Psychiatry) Dr. Kiran	Functional areas of Cerebrum (62.2)	A1- Practical Revision/SDL.. A2- Practical Revision/SDL.	
Saturday	8-Feb-20	AETCOM	AETCOM	AETCOM	B1 4.1 Describe and discuss main classes of lipids (Essential/non-essential fatty acids, cholesterol and hormonal steroids, triglycerides, major phospholipids and sphingolipids) relevant to human system and their major functions.	PY10.8 Describe & discuss behavioural & EEG characteristics during sleep & mechanism responsible for its production (Vertical integration with Psychiatry) Dr. Kiran B1 4.1 Describe and discuss main classes of lipids (Essential/nonessential fatty acids, cholesterol and hormonal steroids, triglycerides, major phospholipids and sphingolipids) relevant to human system and their		CNS tutorial	-

						major functions.			
Sunday	9-Feb-20								
Monday	10-Feb-20	Lateral Ventricles (63.1-63.2)	B1- Nerve conduction velocity	B2 Spotters	Lateral Ventricles (63.1-63.2)	B1 4.1 Describe and discuss main classes of lipids (Essential/non-essential fatty acids, cholesterol and hormonal steroids, triglycerides, major phospholipids and sphingolipids) relevant to human system and their major functions.	Lateral Ventricles (63.1-63.2)	A2- Nerve conduction velocity	A1 Spotters
Tuesday	11-Feb-20	Third Ventricle (63.1-63.2)	A1- Nerve conduction velocity	A2 Spotters	Third Ventricle (63.1-63.2)	B1 11.24 Enumerate advantages and/or disadvantages of use of unsaturated, saturated and trans fats in food.	Third Ventricle (63.1-63.2)	B2- Nerve conduction velocity	B1 Spotters
Wednesday	12-Feb-20	Meninges, CSF formation, circulation & Absorption (56.1-56.2)	B1- Practical Revision/SDL & notebook checking	B2 SDL 5	Meninges, CSF formation, circulation & Absorption (56.1-56.2)	PY10.9 Describe & discuss physiological basis of memory, learning & speech (Vertical integration with Psychiatry) Dr. Kiran	Meninges, CSF formation, circulation & Absorption (56.1-56.2)	A2- Practical Revision/SDL & notebook checking	A2 SDL 5
Thursday	13-Feb-20	White matter of brain & emphasis on internal Capsule (62.3)	A1- Practical Revision/SDL & notebook checking	A2 SDL 5	White matter of brain & emphasis on internal Capsule (62.3)	PY10.9 Describe & discuss physiological basis of memory, learning & speech (Vertical integration with Psychiatry) Dr. Kiran	White matter of brain & emphasis on internal Capsule (62.3)	B2- Practical Revision/SDL & notebook checking	B2 SDL 5
Friday	14-	Basal Nuclei	B1- Practical		Basal Nuclei (62.4)	PY10.9 Describe & discuss	Basal Nuclei	A1- Practical	

	Feb-20	(62.4)	Revision/SDL & notebook checking.B2- Practical Revision/SDL & notebook checking			physiological basis of memory, learning & speech(Vertical integration with Psychiatry) Dr. Kiran	(62.4)	Revision/SDL & notebook checking.A2- Practical Revision/SDL & notebook checking	
Saturday	15-Feb-20	AETCOM	AETCOM	AETCOM	B1 4.2 Describe the processes involved in digestion and absorption of dietary lipids and also the key features of their metabolism	PY10.10 Describe & discuss chemical transmission in nervous system (Outline psychiatry element) Dr. Kiran		CNS tutorial	
Sunday	16-Feb-20								
Monday	17-Feb-20	Limbic System (62.4)	B1 –CNS tutorial	B2 Demonstrate the estimation of triglycerides. (B1 11.10)	Limbic System (62.4)	B1 4.2 Describe the processes involved in digestion and absorption of dietary lipids and also the key features of their metabolism	Limbic System (62.4)	A2- CNS tutorial	A1 Demonstrate the estimation of triglycerides. (B1 11.10)
Tuesday	18-Feb-20	Visual Pathway	A1- CNS tutorial	A2 Demonstrate the estimation of triglycerides. (B1 11.10)	Visual Pathway	B1 4.2 Describe the processes involved in digestion and absorption of dietary lipids and also the key features of their metabolism	Visual Pathway	B2- CNS tutorial	B1 Demonstrate the estimation of triglycerides. (B1 11.10)
Wednesday	19-Feb-	Auditory Pathway (57.5)	B1- Demonstrate correct Clinical examination of	B2 Explain the basis and rationale of biochemical tests	Auditory Pathway (57.5)	PY10.10 Describe & discuss chemical transmission in nervous system (Outline	Auditory Pathway (57.5)	A2- Demonstrate correct Clinical examination of	A1 Explain the basis and rationale of biochemical tests

	20		cardiovascular system in normal or simulated environment-DOAP	done in dyslipidemia, MI. (B1 11.17)		psychiatry element)..PY11.12 Discuss physiological effects of meditation..PY11.11 Discuss concept criteria for diagnosis of brain death & its implications Dr. Kiran.		cardiovascular system in normal or simulated environment-DOAP	done in dyslipidemia, MI. (B1 11.17)
Thursday	20-Feb-20	Ascending Tracts	A1 - Demonstrate correct Clinical examination of cardiovascular system in normal or simulated environment-DOAP	A2 Explain the basis and rationale of biochemical tests done in dyslipidemia, MI. (B1 11.17)	Ascending Tracts	Cardiovascular system.PY5.1 Describe functional anatomy of heart including chambers, sounds & pacemaker tissue & conducting system (Horizontal integration with Human Anatomy)Dr. Sukhdev	Ascending Tracts	B2- Demonstrate correct Clinical examination of cardiovascular system in normal or simulated environment-DOAP	B1 Explain the basis and rationale of biochemical tests done in dyslipidemia, MI. (B1 11.17)
Friday	21-Feb-20	Holiday	HOLIDAY		Holiday	HOLIDAY	Holiday	HOLIDAY	
Saturday	22-Feb-20	AETCOM	AETCOM	AETCOM	B1 4.2 Describe the processes involved in digestion and absorption of dietary lipids and also the key features of their metabolism	PY5.1 Describe functional anatomy of heart including chambers, sounds & pacemaker tissue & conducting system(Horizontal integration with Human Anatomy) Dr. Sukhdev		CNS written test	
Sunday	23-Feb-20								

Monday	24-Feb-20	Descending Tracts (57.5)	B1-Examine arterial pulse.	B2 Demonstrate the estimation of serum total cholesterol. (B1 11.9)	Descending Tracts (57.5)	B14.4 Describe the structure and functions of lipoproteins, their functions, interrelations & relations with atherosclerosis do	Descending Tracts (57.5)	A2- Examine arterial pulse.	A1 Demonstrate the estimation of serum total cholesterol. (B1 11.9)
Tuesday	25-Feb-20	Test of Neuroanatomy	A1- Examine arterial pulse.	A2 Demonstrate the estimation of serum total cholesterol. (B1 11.9)	Test of Neuroanatomy	B1 4.3 Explain the regulation of lipoprotein metabolism & associated disorders do	Test of Neuroanatomy	B2- Examine arterial pulse.	B1 Demonstrate the estimation of serum total cholesterol. (B1 11.9)
Wednesday	26-Feb-20	Development of respiratory system (25.2)	B1- Record arterial pulse(Vertical integration with General Medicine).- DOAP	B2 Demonstrate the estimation of serum HDL cholesterol. (B1 11.9)	Development of respiratory system (25.2)	PY 5.2 Describe the properties of cardiac muscle including its morphology, electrical, mechanical & metabolic functions .Dr. Sukhdev	Development of respiratory system (25.2)	A2-Record arterial pulse(Vertical integration with General Medicine).- DOAP	A1 Demonstrate the estimation of serum HDL cholesterol. (B1 11.9)
Thursday	27-Feb-20	Thoracic wall and intercostal spaces (21.4-21.7)	A1- Record arterial pulse(Vertical integration with General Medicine).- DOAP	A2 Demonstrate the estimation of serum HDL cholesterol. (B1 11.9)	Thoracic wall and intercostal spaces (21.4-21.7)	PY 5.2 Describe the properties of cardiac muscle including its morphology, electrical, mechanical & metabolic functions.Dr. Sukhdev	Thoracic wall and intercostal spaces (21.4-21.7)	B2- Record arterial pulse(Vertical integration with General Medicine).- DOAP	B1 Demonstrate the estimation of serum HDL cholesterol. (B1 11.9)
Friday	28-Feb-20	Tutorial	B1- Record blood pressure & pulse at rest-DOAP.B2- Cardiac efficiency test		Histology- lungs & Trachea (25.1)	PY5.3 Discuss the events occurring during cardiac cycle..Dr. Sukhdev	Tutorial	A1- Record blood pressure & pulse at rest-DOAP...A2- Cardiac efficiency test	
Saturday	29-Feb-20	AETCOM	AETCOM	AETCOM	B1 4.5 & 4.7 Interpret laboratory results of analytes associated with	PY5.3 Discuss the events occurring during cardiac cycle..Dr. Sukhdev		A1- Cardiac efficiency test.A2- Record blood pressure & pulse at	-

					metabolism of lipids.			rest-DOAP.B1- Practical Revision/SDL & Notebook checking.B2- Practical Revision/SDL & Notebook checking	
Sunday	1- Mar-20								
Monday	2- Mar-20	Mediastinum (21.11)	B1- Cardiac efficiency test .	B2 Tutorial 7.	Mediastinum (21.11)	B1 4.6 Describe the therapeutic uses of prostaglandins and inhibitors of eicosanoid synthesis.	Mediastinum (21.11)	A2- Test of Recording blood pressure & pulse at rest -certify	A1 Tutorial 7..
Tuesday	3- Mar-20	Pleura (24.1)	A1- Test of Recording blood pressure & pulse at rest -certify	A2 Tutorial 7.	Pleura (24.1)	B1 6.1 Discuss the metabolic processes that take place in specific organs in the body in the fed and fasting states.	Pleura (24.1)	B2- Record blood pressure & pulse at rest-DOAP.	B1 Tutorial 7.
Wednesday	4- Mar-20	Lung (24.2-24.5)	B1- Test of Recording blood pressure & pulse at rest -certify	B2 Group discussion	Lung (24.2-24.5)	PY5.4 Describe generations, conduction of cardiac impulse Dr. Sukhdev	Lung (24.2-24.5)	A2- Record effect of posture on blood pressure & pulse-DOAP.	A1 Group discussion
Thursday	5- Mar-20	Development of CVS I (25.3-25.6)	A1-Record effect of posture on blood pressure & pulse-DOAP.	A2 Group discussion	Development of CVS I (25.3-25.6)	PY5.5 Describe physiology of Electrocardiogram (ECG) its applications & cardiac axis (Vertical integration with General Medicine) Dr.	Development of CVS I (25.3-25.6)	B2- Test of Recording blood pressure & pulse at rest -certify	B1 Group discussion

						Sukhdev			
Friday	6-Mar-20	Superior Mediastinum (23.3-23.4)	B1- Record & interpret normal ECG in volunteer or simulated environment(Vertical integration with General Medicine)-DOAP.B2- Record effect of posture on blood pressure & pulse-DOAP.		Superior Mediastinum (23.3-23.4)	PY5.5 Describe physiology of Electrocardiogram (ECG) its applications & cardiac axis(Vertical integration with General Medicine) Dr. Sukhdev	Superior Mediastinum (23.3-23.4)	A1-Test of Recording effect of posture on blood pressure & pulse-certify.A2- Record & interpret normal ECG in volunteer or simulated environment (Vertical integration with General Medicine)- DOAP...	
Saturday	7-Mar-20	AETCOM	AETCOM	AETCOM	Development of CVS II (25.3-25.6)	PY5.6 Describe abnormal ECG, arrhythmias, heart block & myocardial infarction(Vertical integration with General Medicine & Horizontal integration with Human Anatomy) Dr. Sukhdev		A1- Record & interpret normal ECG in volunteer or simulated environment (Vertical integration with General Medicine)- DOAP...A2- Practical Revision/SDL.B1- Record effect of posture on blood pressure & pulse-DOAP..B2- Record & interpret normal ECG in volunteer or simulated environment (Vertical integration with General	

								Medicine)- DOAP...	
Sunday	8- Mar- 20								
Monday	9- Mar- 20	Heart-I (22.1-22.7)	B1- Test of Recording effect of posture on blood pressure & pulse-certify	B2 Tutorial 8	Heart-I (22.1-22.7)	B1 6.1 Discuss the metabolic processes that take place in specific organs in the body in the fed and fasting states.	Heart-I (22.1-22.7)	A2- Test of Recording effect of posture on blood pressure & pulse – certify	A1 Tutorial 8
Tuesday	10- Mar- 20	Holiday	HOLIDAY	Holiday	Holiday	HOLIDAY	Holiday	HOLIDAY	Holiday
Wednesday	11- Mar- 20	Heart-II (22.1-22.7)	B1- Record blood pressure, pulse, temp. during different grades of exercise-DOAP	B2 Tutorial 9	Heart-II (22.1-22.7)	PY5.7 Describe & discuss haemodynamics of circulatory system Dr. Sukhdev	Heart-II (22.1-22.7)	A2- Record blood pressure, pulse, temp. during different grades of exercise-DOAP.	A1 Tutorial 9
Thursday	12- Mar- 20	Posterior mediastinum (23.1-23.7)	A1- Record blood pressure, pulse, temp. during different grades of exercise-DOAP	A2 Tutorial 9	Posterior mediastinum (23.1-23.7)	PY5.7 Describe & discuss haemodynamics of circulatory system Dr. Sukhdev	Posterior mediastinum (23.1-23.7)	B2- Test of Recording effect of posture on blood pressure & pulse-certify	B1 Tutorial 9
Friday	13- Mar- 20	Joints & Mechanism of Respiration (21.8-21.10)	B1-Practical Revision/SDL & notebook checking.B2- Record blood pressure, pulse, temp. during different grades of exercise-DOAP		Joints & Mechanism of Respiration (21.8-21.10)	PY5.8 Describe & discuss local & systemic cardiovascular regulatory mechanisms .Dr. Sukhdev	Joints & Mechanism of Respiration (21.8-21.10)	A1- Practical Revision/SDL & notebook checking.A2- Practical Revision/SDL & notebook checking.	

Saturday	14-Mar-20	AETCOM	AETCOM	AETCOM	Development of CVS III (25.3-25.6)	PY5.8 Describe & discuss local & systemic cardiovascular regulatory mechanisms .Dr. Sukhdev		CVS tutorial	
Sunday	15-Mar-20								
Monday	16-Mar-20	Nerve Plexus (23.5-23.6)	B1-Test of Recording blood pressure, pulse, temp. during different grades of exercise-certify	B2 SDL 6	Nerve Plexus (23.5-23.6)	B1 6. 6 Describe the biochemical processes involved in generation of energy in Cells	Nerve Plexus (23.5-23.6)	A2- Test of Recording blood pressure, pulse, temp. during different grades of exercise--certify.	A1 SDL 6
Tuesday	17-Mar-20	Test of Thorax	A1- Test of Recording blood pressure, pulse, temp. during different grades of exercise-certify	A2 SDL 6	Test of Thorax	B1 6. 6 Describe the biochemical processes involved in generation of energy in Cells	Test of Thorax	B2- Test of Recording blood pressure, pulse, temp. during different grades of exercise--certify.	B1 SDL 6
Wednesday	18-Mar-20	Anterior Abdominal Wall (44.1-44.7)	B1-Observe cardiovascular autonomic function tests in volunteer or simulated environment-DOAP	B2 Case Discussion	Anterior Abdominal Wall (44.1-44.7)	PY5.9 Describe the factors affecting heart rate, regulation of cardiac output & blood pressure Dr. Sukhdev	Anterior Abdominal Wall (44.1-44.7)	A2- Observe cardiovascular autonomic function tests in volunteer or simulated environment-DOAP	A1 Case Discussion
Thursday	19-Mar-20	Rectus Sheath (44.3)	A1- Observe cardiovascular autonomic function tests in volunteer or simulated	A2 Case Discussion	Rectus Sheath (44.3)	PY5.9 Describe the factors affecting heart rate, regulation of cardiac output & blood pressure Dr. Sukhdev=	Rectus Sheath (44.3)	B2- Observe cardiovascular autonomic function tests in volunteer or simulated	B1 Case Discussion

			environment-DOAP					environment-DOAP	
Friday	20-Mar-20	Development of Anterior Abdominal wall (52.4)	B1-Correlation between ECG, Carotid pulse & heart sounds.B2- Practical Revision/SDL & notebook checking		Development of Anterior Abdominal wall (52.4)	PY5.9 Describe the factors affecting heart rate, regulation of cardiac output & blood pressure Dr. Sukhdev	Development of Anterior Abdominal wall (52.4)	A1- Practical Revision/SDL & notebook checking.A2- Correlation between ECG, Carotid pulse & heart sounds	
Saturday	21-Mar-20	AETCOM	AETCOM	AETCOM	Histology- Oesophagus & Stomach (52.1)	PY5.10 Describe & discuss regional circulation including micro circulation, lymphatic circulation, coronary, cerebral, capillary, skin, fetal, pulmonary & splanchnic circulation (Vertical integration with General Medicine) Dr. Sukhdev		A1- Correlation between ECG, Carotid pulse & heart sounds.A2- Practical Revision/SDL & notebook checking.B1-Practical Revision/SDL & notebook checking.B2- Correlation between ECG, Carotid pulse & heart sounds.	
Sunday	22-Mar-20	Holiday			Holiday		Holiday		
Monday	23-Mar-20	Holiday	HOLIDAY	Holiday	Holiday	HOLIDAY	Holiday	HOLIDAY	
Tuesday	24-Mar-	Inguinal Canal & Hernias (44.4-	A1-Correlate between ECG,JVP,	A2 Tutorial 8	Inguinal Canal & Hernias (44.4-44.5)	B1 6.2 & 6.3 Describe and discuss the metabolic processes in which	Inguinal Canal & Hernias (44.4-	B2- Correlate between ECG,JVP,	B1 Tutorial 8

	20	44.5)	Heart sounds			nucleotides are involved & the common disorders associated with nucleotide metabolism	44.5)	Heart sounds	
Wednesday	25-Mar-20	Spermatic Cord & Testis (46.1-46.5)	B1- Correlate between ECG,JVP, Heart sounds	B2 Tutorial 10	Spermatic Cord & Testis (46.1-46.5)	PY5.10 Describe & discuss regional circulation including micro circulation, lymphatic circulation, coronary, cerebral, capillary, skin, fetal, pulmonary & splanchnic circulation (Vertical integration with General Medicine) Dr. Sukhdev	Spermatic Cord & Testis (46.1-46.5)	A2- Correlate between ECG,JVP, Heart sounds	A1 Tutorial 10
Thursday	26-Mar-20	Covering of Scrotum (46.1)	A1-Practical Revision/SDL & notebook checking	A2 Tutorial 10	Covering of Scrotum (46.1)	PY5.10 Describe & discuss regional circulation including micro circulation, lymphatic circulation, coronary, cerebral, capillary, skin, fetal, pulmonary & splanchnic circulation (Vertical integration with General Medicine) Dr. Sukhdev	Covering of Scrotum (46.1)	B2- Practical Revision/SDL & notebook checking	B1 Tutorial 10
Friday	27-Mar-20	Development of GIT (I) (52.6)	B1- Mean electrical axis. B2- Mean electrical axis.		Development of GIT (I) (52.6)	PY5.11 Describe pathophysiology of shock, syncope & heart failure Dr. Sukhdev	Development of GIT (I) (52.6)	A1- Mean electrical axis. A2- Mean electrical axis.	
Saturday	28-Mar-20	AETCOM	AETCOM	AETCOM	Histology- Small Intestine (52.1)	PY5.11 Describe pathophysiology of shock, syncope & heart failure Dr.		CVS tutorial	

						Sukhdev			
Sunday	29-Mar-20	Holiday			Holiday		Holiday		
Monday	30-Mar-20	Peritoneum (I) (47.1-47.4)	B1-Practicals viva	B2 Explain the basis and rationale of biochemical tests done in gout. (B1 11.17)	Peritoneum (I) (47.1-47.4)	B1 6.2 & 6.3 Describe and discuss the metabolic processes in which nucleotides are involved & the common disorders associated with nucleotide metabolism	Peritoneum (I) (47.1-47.4)	A2- Practicals viva	A1 Explain the basis and rationale of biochemical tests done in gout. (B1 11.17)
Tuesday	31-Mar-20	Peritoneum (II) (47.1-47.4)	A1- Practical viva	A2 Explain the basis and rationale of biochemical tests done in gout. (B1 11.17)	Peritoneum (II) (47.1-47.4)	B1 6.2 & 6.3 Describe and discuss the metabolic processes in which nucleotides are involved & the common disorders associated with nucleotide metabolism	Peritoneum (II) (47.1-47.4)	B2- Practicals viva	B1 Explain the basis and rationale of biochemical tests done in gout. (B1 11.17)
Wednesday	1-Apr-20	Peritoneum (III) (47.1-47.4)	HOLIDAY		Peritoneum (III) (47.1-47.4)	HOLIDAY	Peritoneum (III) (47.1-47.4)	HOLIDAY	
Thursday	2-Apr-20	Holiday	HOLIDAY		Holiday	HOLIDAY	Holiday	HOLIDAY	
Friday	3-Apr-20	Oesophagus (47.5-47.7)	B1- Practicals Revision/SDL & notebook checking. B2- Practicals Revision/SDL &		Oesophagus (47.5-47.7)	PY5.11 Describe pathophysiology of shock, syncope & heart failure Dr. Sukhdev	Oesophagus (47.5-47.7)	A1- Practicals Revision/SDL & notebook checking. A2- Practicals Revision/SDL &	

			notebook checking					notebook checking	
Saturday	4- Apr- 20	Tutorial			Histology- Large Intestine & Appendix (52.1)	PY11.4 Describe & discuss cardiorespiratory & metabolic adjustments during exercise; physical training effects Dr. Sukhdev	Tutorial	CVS tutorial	
Sunday	5- Apr- 20	Holiday			Holiday		Holiday		
Monday	6- Apr- 20	Holiday	HOLIDAY		Holiday	HOLIDAY	Holiday	HOLIDAY	
Tuesday	7- Apr- 20	Stomach (47.5-47.7)	A1-Practical Revision/SDL	A2 Card discussion	Stomach (47.5-47.7)	B1 6.4 Discuss the laboratory results of analytes associated with gout & Lesch Nyhan syndrome.	Stomach (47.5-47.7)	B2- Practical Revision/SDL	B1 Card discussion
Wednesday	8- Apr- 20	Development of GIT (II) (52.6)	B1- Demonstrate correct clinical examination of respiratory system in a volunteer or simulated environment-DOAP.	B2 SDL 7	Development of GIT (II) (52.6)	PY11.4 Describe & discuss cardiorespiratory & metabolic adjustments during exercise; physical training effects Dr. Sukhdev	Development of GIT (II) (52.6)	A2- Demonstrate correct clinical examination of respiratory system in a volunteer or simulated environment-DOAP.	A1 SDL 7
Thursday	9- Apr- 20	Spleen (47.5-47.7)	A1- Demonstrate correct clinical examination of respiratory system in a volunteer or	A2 SDL 7	Spleen (47.5-47.7)	Respiration.PY6.1 Describe functional anatomy of respiration tractDr. Beena	Spleen (47.5-47.7)	B2- Demonstrate correct clinical examination of respiratory system in a volunteer or	B1 SDL 7

			simulated environment-DOAP.					simulated environment-DOAP.	
Friday	10-Apr-20	Duodenum (47.5-47.7)	B1- Practical Revision/SDL.B2- Test of Demonstrate correct clinical examination of respiratory system in a volunteer or simulated environment- Skill assessment / Viva/OSCE- Certify		Duodenum (47.5-47.7)	PY6.2 Describe mechanics of normal respiration, pressure changes during ventilation, lung volume & capacities, alveolar surface tension, compliance, airway resistance, ventilation, V/P ratio, diffusion capacity of lung Dr. Beena	Duodenum (47.5-47.7)	A1- Test of Demonstrate correct clinical examination of respiratory system in a volunteer or simulated environment- Skill assessment / Viva/OSCE- Certify.A2-. Practical Revision/SDL	
Saturday	11-Apr-20	Tutorial			Histology- Liver, Gall Bladder & Pancreas (52.1)	PY6.2 Describe mechanics of normal respiration, pressure changes during ventilation, lung volume & capacities, alveolar surface tension, compliance, airway resistance, ventilation, V/P ratio, diffusion capacity of lung Dr. Beena.	Tutorial	.Cardiovascular system written test	
Sunday	12-Apr-20	Holiday			Holiday		Holiday		
Monday	13-Apr-20	Pancreas (47.5-47.7)	B1- Test of Demonstrate correct clinical examination of respiratory system	B2 File checking and problem discussion	Pancreas (47.5-47.7)	B17.1 Describe the structure and functions of DNA and RNA and outline the cell cycle	Pancreas (47.5-47.7)	A2- Test of Demonstrate correct clinical examination of respiratory system in a volunteer or	A1 File checking and problem discussion

			in a volunteer or simulated environment- Skill assessment / Viva/OSCE- Certify					simulated environment- Skill assessment / Viva/OSCE- Certify	
Tuesday	14-Apr-20	Holiday	HOLIDAY	Holiday	Holiday	HOLIDAY	Holiday	HOLIDAY	
Wednesday	15-Apr-20	Development of GIT (III)(52.6)	B1-Demonstrate correct technique to perform measurement of peak expiratory flow rate in a normal volunteer or simulated environment-DOAP	B2 Observe use of commonly used equipments/techniques in biochemistry.laboratory including: Protein electrophoresis and PAGE. (B1 11.16)	Development of GIT (III)(52.6)	PY6.2 Describe mechanics of normal respiration, pressure changes during ventilation, lung volume & capacities, alveolar surface tension, compliance, airway resistance, ventilation, V/P ratio, diffusion capacity of lung Dr. Beena	Development of GIT (III)(52.6)	A2- Demonstrate correct technique to perform measurement of peak expiratory flow rate in a normal volunteer or simulated environment-DOAP.	A1 Observe use of commonly used equipments/techniques in biochemistry.laboratory including: Protein electrophoresis and PAGE. (B1 11.16)
		(8AM-10AM)			(10AM-11AM)	(11AM-12noon)	(12noon-2PM)		
Thursday	16-Apr-20	Jejunum & Ileum (47.5-47.7)	A1- Practical Revision/SDL	A2 Observe use of commonly used equipments/techniques in biochemistry.laboratory including: Protein electrophoresis and PAGE. (B1 11.16)	Jejunum & Ileum (47.5-47.7)	PY6.2 Describe mechanics of normal respiration, pressure changes during ventilation, lung volume & capacities, alveolar surface tension, compliance, airway resistance, ventilation, V/P ratio, diffusion capacity of lung Dr. Beena	Jejunum & Ileum (47.5-47.7)	B2- Practical Revision/SDL	B1 Observe use of commonly used equipments/techniques in biochemistry.laboratory including: Protein electrophoresis and PAGE. (B1 11.16)
Friday	17-Apr-	Large Intestine	B1-Stethography part-I.B2-		Large Intestine (47.5-	PY6.3 Describe & discuss transport of respiratory	Large Intestine	A1- Demonstrate correct technique to	

	20	(47.5-47.7)	Demonstrate correct technique to perform measurement of peak expiratory flow rate in a normal volunteer or simulated environment-DOAP		47.7)	gases: oxygen & carbondioxide Dr. Beena.	(47.5-47.7)	perform measurement of peak expiratory flow rate in a normal volunteer or simulated environment-DOAP.A2-Stethography part-I.	
Saturday	18-Apr-20	Tutorial			Histology- Kidney & Adrenal gland(52.1 & 52.2)	PY6.3 Describe & discuss transport of respiratory gases: oxygen & carbondioxide Dr. Beena	Tutorial	A1- Stethography part-I.A2- Test of to Demonstrate correct technique to perform measurement of peak expiratory flow rate in a normal volunteer or simulated environment - Practical/OSPE/Viva voce.B1-Total respiratory compliance.B2- Total respiratory compliance	
Sunday	19-Apr-20	Holiday			Holiday		Holiday		
Monday	20-Apr-20	Caecum & Appendix (47.5-47.7)	B1- Test of to Demonstrate correct technique	B2 Observe use of commonly used equipments/technique	Caecum & Appendix (47.5-47.7)	B1 7.2Describe the processes involved in replication & repair of DNA	Caecum & Appendix (47.5-47.7)	A2-Stethography part-II	A1 Observe use of commonly used equipments/technique

			to perform measurement of peak expiratory flow rate in a normal volunteer or simulated environment- Practical/OSPE/Viva voce	s in biochemistry.laboratory including: DNA isolation from blood/tissue. (B1 11.16)					s in biochemistry.laboratory including: DNA isolation from blood/tissue. (B1 11.16)
Tuesday	21-Apr-20	Development of Pancreas & Spleen(52.6)	A1- Test of to Demonstrate correct techniques to perform measurement of peak expiratory flow rate in a normal volunteer or simulated environment- Practical/OSPE/Viva voce	A2 Observe use of commonly used equipments/techniques in biochemistry.laboratory including: DNA isolation from blood/tissue. (B1 11.16)	Development of Pancreas & Spleen(52.6)	B1 7.2Describe the processes involved in replication & repair of DNA	Development of Pancreas & Spleen(52.6)	B2- Stethography part-I.	B1 Observe use of commonly used equipments/techniques in biochemistry.laboratory including: DNA isolation from blood/tissue. (B1 11.16)
Wednesday	22-Apr-20	Blood Supply of GIT (47.9)	B1- Stethography part-II	B2 Case discussion	Blood Supply of GIT (47.9)	PY6.3 Describe & discuss transport of respiratory gases: oxygen & carbondioxide Dr. Beena	Blood Supply of GIT (47.9)	A2-- Total respiratory compliance	A1 Case discussion
Thursday	23-Apr-20	Liver(47.5-47.7)	A1- Total respiratory compliance	A2 Case discussion	Liver(47.5-47.7)	PY6.4Describe & discuss physiology of high altitude & deep sea diving Dr. Beena	Liver(47.5-47.7)	B2- Test of to Demonstrate correct technique to perform measurement of peak expiratory flow rate in a normal	B1 Case discussion

								volunteer or simulated environment- Practical/OSPE/Viva voce	
Friday	24-Apr-20	Tutorial	B1-Chemical regulation of respiration.B2- Stethography part-II		Histology- Testis & Epididymis(52.2)	PY6.4Describe & discuss physiology of high altitude & deep sea diving Dr. Beena	Tutorial	A1- Stethography part-II.A2- Chemical regulation of respiration.	
Saturday	25-Apr-20	Holiday	HOLIDAY		Holiday	HOLIDAY	Holiday	HOLIDAY	
Sunday	26-Apr-20	Holiday			Holiday		Holiday		
Monday	27-Apr-20	Extra Hepatic Biliary Apparatus (47.5-47.7)	B1-Demonstrate correct technique to perform & interpret spirometry(Vertical integration with Respiratory medicine)-DOAP	B2 Tutorial 11	Extra Hepatic Biliary Apparatus (47.5-47.7)	.B1 7.2Describe the processes involved in the transcription mechanisms	Extra Hepatic Biliary Apparatus (47.5-47.7)	A2--Demonstrate correct technique to perform & interpret spirometry(Vertical integration with Respiratory medicine)-DOAP	A1 Tutorial 11
Tuesday	28-Apr-20	Development of Liver & Biliary apparatus (52.6)	A1- Chemical regulation of respiration	A2 Tutorial 11	Development of Liver & Biliary apparatus (52.6)	B1 7.2Describe the processes involved in translation mechanisms	Development of Liver & Biliary apparatus (52.6)	B2- Chemical regulation of respiration	B1 Tutorial 11
Wednesday	29-Apr-20	Kidney (47.5-47.7)	B1- To measure vital capacity	B2 THEORY TEST 3	Kidney (47.5-47.7)	PY6.5Describe & discuss principles of artificial respiration, oxygen therapy, acclimatization &	Kidney (47.5-47.7)	A2- To measure vital capacity	A1 THEORY TEST 3

						decompression sickness Dr. Beena			
Thursday	30-Apr-20	Adrenal Gland (47.5-47.7)	A1--Demonstrate correct technique to perform & interpret spirometry(Vertical integration with Respiratory medicine)-DOAP	A2 THEORY TEST 3	Adrenal Gland (47.5-47.7)	PY6.5Describe & discuss principles of artificial respiration, oxygen therapy, acclimatization & decompression sickness Dr. Beena	Adrenal Gland (47.5-47.7)	B2--Demonstrate correct technique to perform & interpret spirometry(Vertical integration with Respiratory medicine)-DOAP	B1 THEORY TEST 3
Friday	1-May-20	Thoraco-Abdominal Diaphragm(47.13-47.14)	B1-Determine various lung volumes & capacities by spirometry.B2- To measure vital capacity		Thoraco-Abdominal Diaphragm(47.13-47.14)	PY6.6 Describe & discuss pathophysiology of dyspnoea, hypoxia, cyanosis asphyxia: drowning, periodic breathing Dr. Beena.	Thoraco-Abdominal Diaphragm(47.13-47.14)	A1- To measure vital capacity.A2- Determine various lung volumes & capacities by spirometry.	
Saturday	2-May-20	Tutorial			Histology- Seminal vesicle and Vas Deferens (52.2)	PY6.6 Describe & discuss pathophysiology of dyspnoea, hypoxia, cyanosis asphyxia: drowning, periodic breathing Dr. Beena	Tutorial	Respiratory system tutorial	
Sunday	3-May-20	Holiday			Holiday		Holiday		
Monday	4-May-20	Development of Diaphragm with congenital Anomalies(52.5)	B1-Demonstrate various methods of artificial respiration	B2 Group discussion	Development of Diaphragm with congenital Anomalies(52.5)	B1 7.3 Describe gene mutations and basic mechanism of regulation of gene	Development of Diaphragm with congenital Anomalies(52.5)	A2- Demonstrate various methods of artificial respiration	A1 Group discussion

Tuesday	5- May -20	Ureter (47.5-47.7)	A1- Test of Demonstrate correct technique to perform & interpret spirometry-Skill assessment/Viva voce	A2 Group discussion	Ureter (47.5-47.7)	B1 7.4 Describe applications of molecular technologies like recombinant DNA technology, PCR in the diagnosis and treatment of diseases with genetic basis.	Ureter (47.5-47.7)	B2- Test of Demonstrate correct technique to perform & interpret spirometry- Skill assessment/Viva voce	B1 Group discussion.
Wednesday	6- May -20	Fascia and Muscles of Posterior Abdominal Wall(45.1 & 45.3)	B1- Determine various lung volumes & capacities by spirometry- Viva	B2 SDL 8	Fascia and Muscles of Posterior Abdominal Wall(45.1 & 45.3)	PY6.6 Describe & discuss pathophysiology of dyspnoea, hypoxia, cyanosis asphyxia: drowning, periodic breathing .Dr. Beena	Fascia and Muscles of Posterior Abdominal Wall(45.1 & 45.3)	A2- Determine various lung volumes & capacities by spirometry- Viva	A1 SDL 8
Thursday	7- May -20	Blood vessels of Posterior Abdominal Wall (47.8 – 47.10)	A1- Demonstrate various methods of artificial respiration	A2 SDL 8	Blood vessels of Posterior Abdominal Wall (47.8 – 47.10)	PY6.6 Describe & discuss pathophysiology of dyspnoea, hypoxia, cyanosis asphyxia: drowning, periodic breathing. Dr. Beena	Blood vessels of Posterior Abdominal Wall (47.8 – 47.10)	B2- Demonstrate various methods of artificial respiration	B1 SDL 8
Friday	8- May -20	Nerves of Posterior Abdominal Wall(45.2)	B1- Test of Demonstrate correct technique to perform & interpret spirometry-Skill assessment/Viva voce.B2- Determine various lung volumes & capacities by spirometry		Nerves of Posterior Abdominal Wall(45.2)	PY6.7 Describe & discuss lung function tests & their clinical significance Dr. Beena	Nerves of Posterior Abdominal Wall(45.2)	A1- Determine various lung volumes & capacities by spirometry.A2- Test of Demonstrate correct technique to perform & interpret spirometry-Skill assessment/Viva voce	

Saturday	9-May-20	Tutorial			Histology- Prostate & Penis(52.2)	PY6.7 Describe & discuss lung function tests & their clinical significance Dr. Beena	Tutorial	Respiratory system tutorial	
Sunday	10-May-20	Holiday			Holiday		Holiday		
Monday	11-May-20	Development of Urinary system (I)(52.7)	B1-Practicals Revision/SDL	B2 Case discussion	Development of Urinary system (I)(52.7)	B1 7.4Describe applications of molecular technologies like recombinant DNA technology, PCR in the diagnosis and treatment of diseases with genetic basis.	Development of Urinary system (I)(52.7)	A2- Practical Revision/SDL	A1 Case discussion
Tuesday	12-May-20	Bony Pelvis (53.1 – 53.4)	A1 - Determine various lung volumes & capacities by spirometry- viva	A2 Case discussion	Bony Pelvis (53.1 – 53.4)	B17.5 Describe the role of xenobiotics in disease.	Bony Pelvis (53.1 – 53.4)	B2- Determine various lung volumes & capacities by spirometry- viva.	B1 Case discussion
Wednesday	13-May-20	Perineum (I)(49.1 – 49.5)	B1- Practical Revision/SDL & notebook checking	B2 Tutorial 12	Perineum (I)(49.1 – 49.5)	Gastrointestinal Physiology.PY4.1 Describe structure & functions of digestive system (Horizontal integration with Anatomy)Dr. Dipti	Perineum (I)(49.1 – 49.5)	A2- Practical Revision/SDL & notebook checking	A1 Tutorial 12
Thursday	14-May-20	Perineum (II)(49.1 – 49.5)	A1- Practical Revision/SDL	A2 Tutorial 12	Perineum (II)(49.1 – 49.5)	PY4.2 Describe composition, mechanism of secretion, functions & regulation of saliva, gastric, pancreatic ,	Perineum (II)(49.1 – 49.5)	B2- Practical Revision/SDL	B1 Tutorial 12

						intestinal juices & bile secretion (Horizontal integration with Biochemistry) Dr. Dipti			
Friday	15-May-20	Perineum (III) (49.1 – 49.5)	B1- Practicals Revision/SDL & notebook checking.B2- Practicals Revision/SDL & notebook checking		Perineum (III) (49.1 – 49.5)	PY4.2 Describe composition, mechanism of secretion, functions & regulation of saliva, gastric, pancreatic , intestinal juices & bile secretion(Horizontal integration with Biochemistry) Dr. Dipti	Perineum (III) (49.1 – 49.5)	A1- Practicals Revision/SDL & notebook checking.A2- Practicals Revision/SDL & notebook checking	
Saturday	16-May-20	Tutorial			Histology- Ovary & Fallopian tube(52.2)	PY4.2 Describe composition, mechanism of secretion, functions & regulation of saliva, gastric, pancreatic , intestinal juices & bile secretion (Horizontal integration with Biochemistry) Dr. Dipti	Tutorial	Respiratory system written test	
Sunday	17-May-20	Holiday			Holiday		Holiday		
Monday	18-May-20	Development of Urinary system (II)(52.7)	B1-Demonstrate correct clinical examination of abdomen in normal volunteer or simulated	B2 Spotters	Development of Urinary system (II)(52.7)	B17.5 Describe the role of xenobiotics in disease.	Development of Urinary system (II)(52.7)	A2- Demonstrate correct clinical examination of abdomen in normal volunteer or simulated	A1 Spotters

			environment-DOAP					environment-DOAP	
Tuesday	19- May -20	Pelvic Diaphragm (48.1)	A1- Demonstrate correct clinical examination of abdomen in normal volunteer or simulated environment-DOAP	A2 Spotters	Pelvic Diaphragm (48.1)	B 17.7 Describe the role of oxidative stress in the pathogenesis of conditions such as cancer, complications of diabetes mellitus and atherosclerosis	Pelvic Diaphragm (48.1)	B2- Demonstrate correct clinical examination of abdomen in normal volunteer or simulated environment-DOAP	B1 Spotters
Wednesday	20- May -20	Urinary Bladder (48.2)	B1- Demonstrate correct clinical examination of abdomen in normal volunteer or simulated environment- Skill assessment/Viva voce/OSCE	B2 PRACTICAL TEST 2	Urinary Bladder (48.2)	PY4.3 Describe GIT movements, regulation & functions. Describe defection reflex. Explain role of dietary fiber Dr. Dipti	Urinary Bladder (48.2)	A2- Demonstrate correct clinical examination of abdomen in normal volunteer or simulated environment- Skill assessment/Viva voce / OSCE	A1 PRACTICAL TEST 2
Thursday	21- May -20	Male & Female Urethra(48.2)	A1- Demonstrate correct clinical examination of abdomen in normal volunteer or simulated environment- Skill assessment/Viva voce/OSCE	A2 PRACTICAL TEST 2	Male & Female Urethra(48.2)	PY4.3 Describe GIT movements, regulation & functions. Describe defection reflex. Explain role of dietary fiber Dr. Dipti	Male & Female Urethra(48.2)	B2- Demonstrate correct clinical examination of abdomen in normal volunteer or simulated environment-Skill assessment/Viva voce/OSCE	B1 PRACTICAL TEST 2
Friday	22- May -20	Prostate, Seminal vesicle & Vas Deferens (48.2)	B1-Practical Revision/SDL & notebook checking.B2- Practical Revision/SDL &		Prostate, Seminal vesicle & Vas Deferens (48.2)	PY4.4 Describe Physiology of digestion & absorption of nutrients (Horizontal integration with Biochemistry) Dr. Dipti	Prostate, Seminal vesicle & Vas Deferens (48.2)	A1- Practical Revision/SDL & notebook checking..A2- Practical Revision/SDL &	

			notebook checking					notebook checking	
Saturday	23-May-20	Tutorial			Histology- Uterus & Vagina(52.2)	PY4.4 Describe Physiology of digestion & absorption of nutrients(Horizontal integration with Biochemistry) Dr. Dipti	Tutorial	Digestive system tutorial	
Sunday	24-May-20	Holiday			Holiday		Holiday		
Monday	25-May-20	Holiday	HOLIDAY		Holiday	HOLIDAY	Holiday	HOLIDAY	
Tuesday	26-May-20	Development of Reproductive system (I)(52.8)	A1- Practical viva	A2 Card discussion	Development of Reproductive system (I)(52.8)	B1 7.6 Describe the antioxidant defence systems in the body	Development of Reproductive system (I)(52.8)	B2- Practical viva	B1 Card discussion
Wednesday	27-May-20	Uterus (48.2)	B1- Practical viva	B2 Group discussion	Uterus (48.2)	PY4.5 Describe source of GIT hormones, their regulation & functions Dr. Dipti	Uterus (48.2)	A2- Practical viva	A1 Group discussion
Thursday	28-May-20	Ovary & Fallopian Tube(48.2)	A1- Practical Revision/SDL & notebook checking	A2 Group discussion	Ovary & Fallopian Tube(48.2)	PY4.6 Describe the GutBrain Axis .PY4.7 Describe & discuss structure & functions of liver & gall bladder(Horizontal integration with Biochemistry) Dr. Dipti	Ovary & Fallopian Tube(48.2)	B2- Practical Revision/SDL & notebook checking	B1 Group discussion
Friday	29-May	Rectum & Anal Canal (48.2)	B1- Practical Revision/SDL & notebook		Rectum & Anal Canal (48.2)	PY4.6 Describe the GutBrain Axis .PY4.7 Describe & discuss	Rectum & Anal Canal (48.2)	A1- Practical Revision/SDL & notebook	

	-20		checking.B2- Practical Revision/SDL & notebook checking			structure & functions of liver & gall bladder(Horizontal integration with Biochemistry) Dr. Dipti		checking.A2- Practical Revision/SDL & notebook checking	
Saturday	30- May -20	Tutorial			Histology- Placenta & Umbilical Cord (52.2)	PY4.8Describe & discuss gastric function tests, pancreatic exocrine function tests & liver function tests. (Horizontal integration with Biochemistry).Esophageal manometry & endoscopy Dr. Dipti	Tutorial	Digestive system tutorial	
Sunday	31- May -20	Holiday			Holiday		Holiday		
Monday	1- Jun- 20	Development of Reproductive system (II)(52.8)	B1-Practicals viva	B2 Tutorial 13	Development of Reproductive system (II)(52.8)	B1 10.1 Describe the cancer initiation, promotion oncogenes & oncogene.activation. Also focus on p53 & apoptosis	Development of Reproductive system (II)(52.8)	A2- Practicals viva	A1 Tutorial 13
Tuesday	2- Jun- 20	Ischiorectal Fossa(49.4)	A1- Practicals viva	A2 Tutorial 13	Ischiorectal Fossa(49.4)	B1 10.2 Describe various biochemical tumor markers and the biochemical basis of.cancer therapy.	Ischiorectal Fossa(49.4)	B2- Practicals viva	B1 Tutorial 13
Wednesda y	3- Jun- 20	Introduction to Lower Limb Dermatomes (14.1-14.4 &	B1- Practical Revision/SDL & notebook checking	B2 Tutorial 14	Introduction to Lower Limb Dermatomes (14.1-14.4 & 20.3)	PY4.9 Discuss the Physiological aspects of peptic ulcer, gastroesophageal reflux	Introduction to Lower Limb Dermatomes (14.1-14.4 &	A2- Practical Revision/SDL & notebook checking	A1 Tutorial 14

		20.3)				disease, vomiting , diarrhea, constipation, adynamic ileus, Hirschsprung's disease (Vertical integration with General medicine & Horizontal integration with Biochemistry) .Dr. Dipti	20.3)		
Thursday	4- Jun- 20	Bones of Lower Limb (14.1-14.4)	A1- Practical Revision/SDL & notebook checking	A2 Tutorial 14	Bones of Lower Limb (14.1-14.4)	Reproductive Physiology.PY9.1 Describe & discuss sex determination ; sex differentiation & their abnormalities & outline psychiatry and practical implication of sex determination (Horizontal integration with Human Anatomy)Dr. Anupama	Bones of Lower Limb (14.1-14.4)	B2- Practical Revision/SDL & notebook checking	B1 Tutorial 14
Friday	5- Jun- 20	Holiday	HOLIDAY		Holiday	HOLIDAY	Holiday	HOLIDAY	
Saturday	6- Jun- 20	Summer Vacation	Summer Vacation	Summer Vacation	Summer Vacation	Summer Vacation	Summer Vacation	Summer Vacation	
Sunday	7- Jun- 20								
Monday	8- Jun-	Summer vacation	Summer vacation	Summer vacation	Summer vacation	Summer vacation	Summer vacation	Summer vacation	

	20								
Tuesday	9-Jun-20	Summer vacation	Summer vacation	Summer vacation	Summer vacation	Summer vacation	Summer vacation	Summer vacation	
Wednesday	10-Jun-20	Summer vacation	Summer vacation	Summer vacation	Summer vacation	Summer vacation	Summer vacation	Summer vacation	
Thursday	11-Jun-20	Summer vacation	Summer vacation	Summer vacation	Summer vacation	Summer vacation	Summer vacation	Summer vacation	
Friday	12-Jun-20	Summer vacation	Summer vacation	Summer vacation	Summer vacation	Summer vacation	Summer vacation	Summer vacation	
Saturday	13-Jun-20	Summer vacation	Summer vacation	Summer vacation	Summer vacation	Summer vacation	Summer vacation	Summer vacation	
Sunday	14-Jun-20								
Monday	15-Jun-20	Front of Thigh (15.1 – 15.5)	B1-Practicals Revision/SDL & notebook checking	B2 Group discussion	Front of Thigh (15.1 – 15.5)	B1 6.5 Describe the biochemical role of water soluble vitamins (B1, B2, B3) in the body and explain the manifestations of their deficiency	Front of Thigh (15.1 – 15.5)	A2- Practical Revision/SDL & notebook checking	A1 Group discussion
Tuesday	16-Jun-20	Medial Side of Thigh (15.1 – 15.5)	A1- Practical Revision/SDL & notebook checking	A2 Group discussion	Medial Side of Thigh (15.1 – 15.5)	B1 6.5 Describe the biochemical role of water soluble vitamins (B6, B12) in the body and explain	Medial Side of Thigh (15.1 – 15.5)	B2- Practical Revision/SDL & notebook checking	B1 Group discussion

						the manifestations of their deficiency			
Wednesday	17-Jun-20	Gluteal Region (16.1 – 16.3)	B1- Practicals Revision/SDL & notebook checking	B2 SDL 9	Gluteal Region (16.1 – 16.3)	PY9.2 Describe & discuss puberty : Onset, progression, stages ; early & delayed puberty & outline adolescent clinical and psychological association Dr. Anupama	Gluteal Region (16.1 – 16.3)	A2- Practicals Revision/SDL & notebook checking.	A1 SDL 9
Thursday	18-Jun-20	Gluteal Region(16.1 – 16.3)	A1- Practicals Revision/SDL & notebook checking.	A2 SDL 9	Gluteal Region(16.1 – 16.3)	PY9.3 Describe male reproductive system : functions of testis and control of spermatogenesis & factors modifying it & outline its association with psychiatric illness Dr. Anupama	Gluteal Region(16.1 – 16.3)	B2- Practicals Revision/SDL & notebook checking.	B1 SDL 9
Friday	19-Jun-20	Back of Thigh (16.4 & 16.5)	B1-Practicals Revision/SDL & notebook checking.B2- Practicals Revision/SDL & notebook checking		Back of Thigh (16.4 & 16.5)	PY9.4Describe female reproductive system(a)functions of ovary & its control (b)menstrual cyclehormonal, uterine & ovarian changes.. PY9.5 Describe & discuss the physiological effects of sex hormones .Dr. Anupama	Back of Thigh (16.4 & 16.5)	A1- Practicals Revision/SDL & notebook checking.A2- Practicals Revision/SDL & notebook checking.	
Saturday	20-Jun-20	Popliteal Fossa (16.6)			B1 6.5 Describe the biochemical role of water soluble vitamins (other B	PY9.6 Enumerate contraceptive methods for male & female. Discuss their advantages &	Popliteal Fossa (16.6)	Digestive system written test..	

					complex vitamins and vitamin C) in the body and explain the manifestations of their deficiency.	disadvantages(Vertical integration with Obstetrics & gynecology & Community medicine).PY9.7 Describe & discuss effects of removal of gonads on physiological functions Dr. Anupama			
Sunday	21-Jun-20								
Monday	22-Jun-20	Popliteal Fossa (16.6)	B1- Interpret a normal semen analysis report including (a)sperm count(b)sperm morphology & sperm motility as per WHO guidelines & discuss results.	B2 Case discussion	Popliteal Fossa (16.6)	B1 9.2 Discuss the involvement of ECM components in health and disease.	Popliteal Fossa (16.6)	A2- Interpret a normal semen analysis report including (a)sperm count(b)sperm morphology & sperm motility as per WHO guidelines & discuss results.	A1 Case discussion
Tuesday	23-Jun-20	Hip Joint (17.1 – 17.3)	A1- Interpret a normal semen analysis report including (a)sperm count(b)sperm morphology & sperm motility as per WHO guidelines & discuss results.	A2 Case discussion	Hip Joint (17.1 – 17.3)	B1 9.3 Describe protein targeting & sorting along with its associated disorders.	Hip Joint (17.1 – 17.3)	B2- Interpret a normal semen analysis report including (a)sperm count(b)sperm morphology & sperm motility as per WHO guidelines & discuss results.	B1 Case discussion
Wednesda	24-Jun-	Anterior Compartment of	B1- Test of Interpret a normal semen	B2 Describe & discuss the composition of	Anterior Compartment of Leg	PY9.8 Describe & discuss physiology of pregnancy,	Anterior Compartment of	A2-Test of Interpret a normal semen	A1 Describe & discuss the composition of

y	20	Leg (18.1 – 18.3)	analysis report including (a)sperm count(b)sperm morphology & sperm motility as per WHO guidelines & discuss results.- OSPE/Viva	CSF. (B1 11.15)	(18.1 – 18.3)	parturition & lactation & outline psychology & psychiatry disorders associated with it (Vertical integration with Obstetrics & gynecology Dr. Anupama.	Leg (18.1 – 18.3)	analysis report including (a)sperm count(b)sperm morphology & sperm motility as per WHO guidelines & discuss results.-OSPE/Viva	CSF. (B1 11.15)
Thursday	25- Jun- 20	Lateral Side Leg	A1- Test of Interpret a normal semen analysis report including (a)sperm count(b)sperm morphology & sperm motility as per WHO guidelines & discuss results.- OSPE/Viva	A2 Describe & discuss the composition of CSF. (B1 11.15)	Lateral Side Leg	PY9.9 Interpret a normal semen analysis report including (a)sperm count(b)sperm morphology & sperm motility as per WHO guidelines & discuss results..PY9.10 Discuss physiological basis of various pregnancy tests (Vertical integration with Obstetrics & gynecology)Dr. Anupama	Lateral Side Leg	B2-Test of Interpret a normal semen analysis report including (a)sperm count(b)sperm morphology & sperm motility as per WHO guidelines & discuss results.-OSPE/Viva	B1 Describe & discuss the composition of CSF. (B1 11.15)
Friday	26- Jun- 20	Posterior Compartment of Leg (19.1 – 19.4)	B1-Pregnancy tests.B2- Pregnancy tests.		Posterior Compartment of Leg (19.1 – 19.4)	PY9.11Discuss hormonal changes & their effects during perimenopause & menopause (Vertical integration with Obstetrics & gynecology).PY9.12Discuss common causes of infertility in couple & role of IVF in managing a case of infertility(Vertical integration with Obstetrics	Posterior Compartment of Leg (19.1 – 19.4)	A1-Pregnancy tests.A2- Pregnancy tests.	

						& gynecology) Dr. Anupama			
Saturday	27-Jun-20	Posterior Compartment of Leg (19.1 – 19.4)			B1 6.7 Describe the processes involved in maintenance of normal pH, water &	Group Discussion/Seminar	Posterior Compartment of Leg (19.1 – 19.4)	A1- Contraceptives.A2- Contraceptives.B1- Contraceptives.B2- Contraceptives	
Sunday	28-Jun-20								
Monday	29-Jun-20	Sole (19.1 – 19.4)	B1-Practical Revision/SDL & notebook checking	B2 Describe the preparation of buffers and estimation of pH. (B1 11.2)	Sole (19.1 – 19.4)	B1 6.7 Describe the processes involved in maintenance of normal pH, water &electrolyte balance of body fluids and the derangements associated withthese (acid base balance).	Sole (19.1 – 19.4)	A2- Practical Revision/SDL & notebook checking	A1 Describe the preparation of buffers and estimation of pH. (B1 11.2)
Tuesday	30-Jun-20	Sole (19.1 – 19.4)	A1- Practical Revision/SDL & notebook checking	A2 Describe the preparation of buffers and estimation of pH. (B1 11.2)	Sole (19.1 – 19.4)	B1 6.8 Discuss and interpret results of Arterial Blood Gas (ABG) analysis in various disorders	Sole (19.1 – 19.4)	B2- Practical Revision/SDL & notebook checking	B1 Describe the preparation of buffers and estimation of pH. (B1 11.2)
Wednesday	1-Jul-20	Knee Joint (18.4 – 18.7)	B1-Practicals viva	B2 Describe and perform the chemical components of normal urine. (B1 11.3)	Knee Joint (18.4 – 18.7)	Group Discussion/Seminar	Knee Joint (18.4 – 18.7)	A2- Practicals viva	A1 Describe and perform the chemical components of normal urine. (B1 11.3)
Thursday	2-Jul-20	Knee Joint (18.4 – 18.7)	A1- Practicals viva	A2 Describe and perform the chemical components of normal urine. (B1 11.3)	Knee Joint (18.4 – 18.7)	Group Discussion/Seminar	Knee Joint (18.4 – 18.7)	B2- Practicals viva	B1 Describe and perform the chemical components of normal urine. (B1 11.3)

Friday	3-Jul-20	Arches of Foot (19.5 – 19.7)	B1- Practical Revision/SDL & notebook checking.B2- Practical Revision/SDL & notebook checking		Arches of Foot (19.5 – 19.7)	Group Discussion/Seminar	Arches of Foot (19.5 – 19.7)	A1- Practical Revision/SDL & notebook checking.A2- Practical Revision/SDL & notebook checking	
Saturday	4-Jul-20	Joints of Lower Limb (20.1 & 20.2)			B1 6.8 Discuss and interpret results of Arterial Blood Gas (ABG) analysis in	Renal Physiology.PY7.1 Describe structure & function of kidney.PY7.2 Describe structure & functions of juxta glomerular apparatus & role of renin angiotensin system Dr. Mridul	Joints of Lower Limb (20.1 & 20.2)	Reproductive system tutorial	
Sunday	5-Jul-20								
Monday	6-Jul-20	Venous Drainage of Lower Limb (20.3)	B1- Practicals & Apparatus Revision/SDL	B2 Perform urine analysis to estimate and determine abnormal constituents. (B1 11.4)	Venous Drainage of Lower Limb (20.3)	B1 6.14 Describe the tests that are commonly done in clinical practice to assess.the functions of these organs (kidney and liver).especially in renal failure, proteinuria, nephrotic syndrome, edema.	Venous Drainage of Lower Limb (20.3)	A2- Practicals & Apparatus Revision/SDL .	A1 Perform urine analysis to estimate and determine abnormal constituents. (B1 11.4)
Tuesday	7-Jul-20	Nerves of Lower limb	A1- Practicals & Apparatus Revision/SDL	A2 Perform urine analysis to estimate and determine abnormal	Nerves of Lower limb	B1 6.14 Describe the tests that are commonly done in clinical practice to assess.the functions of these organs (thyroid and	Nerves of Lower limb	B2- Practicals & Apparatus Revision/SDL	B1 Perform urine analysis to estimate and determine abnormal

				constituents. (B1 11.4)		adrenal glands).			constituents. (B1 11.4)
Wednesday	8-Jul-20	Development of Lower Limb (20.10)	B1-Practicals test excluding haematology	B2 Perform urine analysis to estimate and determine abnormal constituents. (B1 11.4)	Development of Lower Limb (20.10)	PY7.3 Describe mechanism of urine formation involving processes of filtration, tubular reabsorption & secretion ; concentration & diluting mechanism Dr. Mridul	Development of Lower Limb (20.10)	A2- Practicals test excluding haematology	A1 Perform urine analysis to estimate and determine abnormal constituents. (B1 11.4)
Thursday	9-Jul-20	Test of Lower Limb	A1- Practicals test excluding haematology	A2 Perform urine analysis to estimate and determine abnormal constituents. (B1 11.4)	Test of Lower Limb	PY7.3 Describe mechanism of urine formation involving processes of filtration, tubular reabsorption & secretion ; concentration & diluting mechanism Dr. Mridul.	Test of Lower Limb	B2- Practicals test excluding haematology	B1 Perform urine analysis to estimate and determine abnormal constituents. (B1 11.4)
Friday	10-Jul-20	Test of Lower Limb	B1- Reproductive system tutorial.B2- Reproductive system tutorial.		Test of Lower Limb	PY7.4 Describe & discuss the significance & implication of renal clearance Dr. Mridul	Test of Lower Limb	A1- Reproductive system tutorial.A2- Reproductive system tutorial.	
Saturday	11-Jul-20	Revision/SDL			B1 6.9 Describe the functions of various minerals in the body, their metabolism and homeostasis.B1 6.10 Enumerate and describe the disorders associated with mineral metabolism.	PY7.5 Describe the renal regulation of fluid & electrolytes & acid base balance Dr. Mridul B1 6.9 Describe the functions of various minerals in the body, their metabolism and homeostasis.	Revision/SDL	Reproductive system written test	
Sunday	12-Jul-								

	20								
Monday	13-Jul-20	Revision/SDL	B1- Practical Revision/SDL & notebook checking	B2 Demonstrate the estimation of serum creatinine and creatinine clearance. (B1 11.7)	Revision/SDL	B1 6.9 Describe the functions of various minerals in the body, their metabolism and homeostasis. B1 6.10 Enumerate and describe the disorders associated with mineral metabolism.	Revision/SDL	A2- Practical Revision/SDL & notebook checking	A1 Demonstrate the estimation of serum creatinine and creatinine clearance. (B1 11.7)
Tuesday	14-Jul-20	Revision/SDL	A1- Practical Revision/SDL & notebook checking	A2 Demonstrate the estimation of serum creatinine and creatinine clearance. (B1 11.7)	Revision/SDL	B1 6.9 Describe the functions of various minerals in the body, their metabolism and homeostasis. B1 6.10 Enumerate and describe the disorders associated with mineral metabolism.	Revision/SDL	B2- Practical Revision/SDL & notebook checking	B1 Demonstrate the estimation of serum creatinine and creatinine clearance. (B1 11.7)
Wednesday	15-Jul-20	Revision/SDL	B1- Apparatus spotting test	B2 Calculate urine creatinine and creatinine clearance. (B1 11.22)	Revision/SDL	PY7.5 Describe the renal regulation of fluid & electrolytes & acid base balance Dr. Mridul	Revision/SDL	A2- Apparatus spotting test	A1 Calculate urine creatinine and creatinine clearance. (B1 11.22)
Thursday	16-Jul-20	Revision/SDL	A1- Apparatus spotting test	A2 Calculate urine creatinine and creatinine clearance. (B1 11.22)	Revision/SDL	PY7.6 Describe the innervations of urinary bladder, Physiology of micturition & its abnormalities .PY7.7 Describe artificial kidney, dialysis & renal transplantation (Vertical integration with General Medicine) Dr. Mridul	Revision/SDL	B2- Apparatus spotting test	B1 Calculate urine creatinine and creatinine clearance. (B1 11.22)

Friday	17-Jul-20	Revision/SDL	B1- Practical Revision/SDL & notebook checking. B2- Practical Revision/SDL & notebook checking		Revision/SDL	PY7.8 Describe & discuss renal function tests (Horizontal integration with Biochemistry). PY7.9 Describe cystometry & discuss the normal cystometrogram Dr. Mridul	Revision/SDL	A1- Practical Revision/SDL & notebook checking. A2- Practical Revision/SDL & notebook checking	
Saturday	18-Jul-20	Revision/SDL			B1 6.9 Describe the functions of various minerals in the body, their metabolism and homeostasis. B1 6.10 Enumerate and describe the disorders associated with mineral metabolism.	Group discussion/Seminar	Revision/SDL	Kidney tutorial	
Sunday	19-Jul-20								
Monday	20-Jul-20	Revision/SDL	B1- Practicals Revision/SDL	B2 Demonstrate estimation of calcium and phosphorous. (B1 11.11)	Revision/SDL	B1 8.1 Discuss the importance of various dietary components and explain importance of dietary fibre. B1 8.2 Describe the types and causes of protein energy malnutrition and its effects.	Revision/SDL	A2- Practicals Revision/SDL	A1 Demonstrate estimation of calcium and phosphorous. (B1 11.11)
Tuesday	21-Jul-	Revision/SDL	A1- Practicals	A2 Demonstrate estimation of calcium	Revision/SDL	B1 8.3 Provide dietary advice for optimal health	Revision/SDL	B2- Practicals	B1 Demonstrate estimation of calcium

	20		Revision/SDL	and phosphorous. (B1 11.11)		in childhood and adult, in disease conditions like diabetes mellitus, coronary artery disease and in pregnancy.		Revision/SDL	and phosphorous. (B1 11.11)
Wednesday	22-Jul-20	Revision/SDL	B1- Practicals Revision/SDL	B2 Demonstrate estimation of serum proteins. (B1 11.8)	Revision/SDL	Group discussion/Seminar	Revision/SDL	A2- Practicals Revision/SDL	A1 Demonstrate estimation of serum proteins. (B1 11.8)
Thursday	23-Jul-20	Revision/SDL	A1- Practicals Revision/SDL	A2 Demonstrate estimation of serum proteins. (B1 11.8)	Revision/SDL	Group discussion/Seminar	Revision/SDL	B2- Practicals Revision/SDL	B1 Demonstrate estimation of serum proteins. (B1 11.8)
Friday	24-Jul-20	Revision/SDL	B1- Kidney tutorial.B2- Kidney tutorial		Revision/SDL	Group discussion/Seminar	Revision/SDL	A1- Kidney tutorial.A2- Kidney tutorial.	
Saturday	25-Jul-20	Revision/SDL			B1 8.4 Describe the causes (including dietary habits), effects and health risks associated with being overweight/obesity.	Group discussion/Seminar B1 8.4 Describe the causes (including dietary habits), effects and health risks associated with being overweight/ obesity.	Revision/SDL	Kidney written test	
Sunday	26-Jul-20								
Monday	27-Jul-20	Revision/SDL	B1- Practicals Revision/SDL	B2 Demonstrate estimation of serum albumin and A:G ratio. (B1 11.8)	Revision/SDL	B1 8.5 Summarize the nutritional importance of commonly used items of food.including fruits and vegetables.(macromolecules & its importance	Revision/SDL	A2- Practicals Revision/SDL	A1 Demonstrate estimation of serum albumin and A:G ratio. (B1 11.8)

Tuesday	28-Jul-20	Revision/SDL	A1- Practicals Revision/SDL	A2 Demonstrate estimation of serum albumin and A:G ratio. (B1 11.8)	Revision/SDL	B1 11.23 Calculate energy content of different food items, identify food items with high and low glycemic index and explain the importance of these in the diet	Revision/SDL	B2- Practicals Revision/SDL	B1 Demonstrate estimation of serum albumin and A:G ratio. (B1 11.8)
Wednesday	29-Jul-20	Revision/SDL	B1- Practicals Revision/SDL	B2 Calculate albumin: globulin (A:G) ratio. (B1 11.22)	Revision/SDL	Group discussion/Seminar	Revision/SDL	A2- Practicals Revision/SDL	A1 Calculate albumin: globulin (A:G) ratio. (B1 11.22)
Thursday	30-Jul-20	Revision/SDL	A1- Practicals Revision/SDL	A2 Calculate albumin: globulin (A:G) ratio. (B1 11.22)	Revision/SDL	Group discussion/Seminar	Revision/SDL	B2- Practicals Revision/SDL	B1 Calculate albumin: globulin (A:G) ratio. (B1 11.22)
Friday	31-Jul-20		HOLIDAY			HOLIDAY		HOLIDAY	
Saturday	1-Aug-20	Revision/SDL			Revision/SDL	Group discussion/Seminar	Revision/SDL	A1- Practicals Revision/SDL.A2- Practicals Revision/SDL.B1- Practicals Revision/SDL.B2- Practicals Revision/SDL	
Sunday	2-Aug-20								
Monday	3-Aug-20	Revision/SDL	HOLIDAY.	B2 SDL 10	Revision/SDL	Revision/SDL	Revision/SDL	HOLIDAY	A1 SDL 10

Tuesday	4- Aug- 20	Revision/SDL	A1- Practicals Revision/SDL	A2 SDL 10	Revision/SDL	Revision/SDL	Revision/SDL	B2- Practicals Revision/SDL	B1 SDL 10
Wednesday	5- Aug- 20	Revision/SDL	B1- Practicals Revision/SDL	B2 Tutorial 15	Revision/SDL	Group discussion/Seminar	Revision/SDL	A2- Practicals Revision/SDL	A1 Tutorial 15
Thursday	6- Aug- 20	Revision/SDL	A1- Practicals Revision/SDL	A2 Tutorial 15	Revision/SDL	Group discussion/Seminar	Revision/SDL	B2- Practicals Revision/SDL	B1 Tutorial 15
Friday	7- Aug- 20	Revision/SDL	B1- Practicals Revision/SDL.B2- Practicals Revision/SDL		Revision/SDL	Group discussion/Seminar	Revision/SDL	A1- Practicals Revision/SDL.A2- Practicals Revision/SDL	
Saturday	8- Aug- 20	sent up (theory)			sent up (theory)	Group discussion/Seminar	sent up (theory)	A1- Practicals Revision/SDL.A2- Practicals Revision/SDL.B1- Practicals Revision/SDL.B2- Practicals Revision/SDL	
Sunday	9- Aug- 20								
Monday	10- Aug- 20		B1- Practicals Revision/SDL	B2 Group Discussion		Revision/SDL		A2- Practicals Revision/SDL	A1 Group Discussion
Tuesday	11- Aug-		HOLIDAY.	HOLIDAY.		HOLIDAY.		HOLIDAY	HOLIDAY.

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Wednesday	12-Aug-20		B1- Practicals Revision/SDL	B2 Practical test 3		Group discussion/Seminar		A2- Practicals Revision/SDL	A1 Practical test 3
Thursday	13-Aug-20		A1- Practicals Revision/SDL	A2 Practical test 3		Group discussion/Seminar		B2- Practicals Revision/SDL	B1 Practical test 3
Friday	14-Aug-20		B1- Practicals Revision/SDL.B2- Practicals Revision/SDL			Group discussion/Seminar		A1- Practicals Revision/SDL.A2- Practicals Revision/SDL	
Saturday	15-Aug-20		HOLIDAY.			HOLIDAY		HOLIDAY.	
Sunday	16-Aug-20								
Monday	17-Aug-20	sent up (practical)	B1- Practicals Revision/SDL	B2 Tutorial 16	sent up (practical)	Revision/SDL	sent up (practical)	A2-Practicals Revision/SDL	A1 Tutorial 16
Tuesday	18-Aug-20		A1- Practicals Revision/SDL	A2 Tutorial 16		Revision/SDL		B2- Practicals Revision/SDL	B1 Tutorial 16
Wednesday	19-Aug-20		B1- Practicals Revision/SDL	B2 Group Discussion		Group discussion/Seminar		A2- Practicals Revision/SDL	A1 Group Discussion
Thursday	20-Aug-		A1- Practicals Revision/SDL	A2 Group Discussion		Group discussion/Seminar		B2- Practicals Revision/SDL	B1 Group Discussion

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Friday	21- Aug- 20		B1- Practicals Revision/SDL.B2- Practicals Revision/SDL			Group discussion/Seminar		A1- Practicals Revision/SDL.A2- Practicals Revision/SDL	
Saturday	22- Aug- 20					Group discussion/Seminar		A1- Practicals Revision/SDL.A2- Practicals Revision/SDL.B1- Practicals Revision/SDL.B2- Practicals Revision/SDL	
Sunday	23- Aug- 20								
Monday	24- Aug- 20			B2 Tutorial 17		SENT UP			A1 Tutorial 17
Tuesday	25- Aug- 20		A1 -Practicals Revision/SDL	A2 Tutorial 17		Revision/SDL		B2- Practicals Revision/SDL	B1 Tutorial 17
Wednesda y	26- Aug- 20			B2 Group Discussion		Sent up			A1 Group Discussion
Thursday	27- Aug- 20		A1- Practicals Revision/SDL	A2 Group Discussion		Group Discussion/Seminar		B2- Practicals Revision/SDL	B1 Group Discussion

Friday	28-Aug-20					Sent up			
Saturday	29-Aug-20					Group Discussion/Seminar		A1- Practicals Revision/SDL.A2- Practicals Revision/SDL.B1- Practicals Revision/SDL.B2- Practicals Revision/SDL	
Sunday	30-Aug-20								
Monday	31-Aug-20		B1-Practical Revision/SDL	B2 Group Discussion		Revision/SDL		A2- Practical Revision/SDL	A1 Group Discussion