

Day	Date	8.30 am to 9.30 am	9.30 am to 10.30 am	10.30 am to 11.30 pm	11.30 pm to 12.30 pm	12.30 pm to 1.30 pm	2.30 pm to 3.30 pm	3.30 pm to 4.30 pm
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Teaching Schedule for Batch MBBS-2019 first Prof. Oct to Dec 2019								
Thursday	10	Biochemistry L Introduction	Biochemistry L Topic :Describe the molecular and functional organization of a cell and its sub-cellular components (BI 1.1)	Physiology SGD Topic : Describe and discuss the principles of homeostasis (PY1.2) Describe the fluid compartments of the body, its ionic composition & measurements (PY 1.6)	Anatomy SGD Topic : Describe the stages of human life AN76.1	Anatomy SGD Topic : Explain the terms- phylogeny, ontogeny, trimester, viability AN76.2	Physiology SGD Topic : Study of compound microscope	Physiology SGD Topic : Study of compound microscope
Friday	11	Physiology SGD Describe & discuss transport mechanisms across cell membranes (PY1.5)	Physiology L Topic : Describe the composition and functions of blood components (PY2.1)	Biochemistry L Topic :Cell transport (BI 1.1) Horz. Int. (Physiology)	Biochemistry L Topic: Discuss & differentiate monosaccharides, disaccharides and polysaccharides giving examples of main carbohydrates as energy fuel, structural element & storage in the human body(BI3.1)	Anatomy SGD Topic : Cell Structure	Biochemistry DOAP Topic :Describe commonly used laboratory apparatus and equipments, good safe laboratory practice and waste disposal (BI 11.1)	Biochemistry DOAP Topic :Describe commonly used laboratory apparatus and equipments, good safe laboratory practice and waste disposal (BI 11.1)
Saturday	12	Community Medicine L Topic : Define and describe the concept of Public Health- Introduction (CM1.1)	Physiology SGD Describe & discuss transport mechanisms across cell membranes (PY1.5)	Physiology SGD Topic : Discuss the origin, forms, variations and functions of plasma proteins (PY2.2)	Anatomy SGD Topic : Describe the structure of chromosomes with classification AN73.1	Anatomy SGD Topic : Describe the structure of chromosomes with classification AN73.1	Topic : AETCOM Module 1.1 Exploratory Session	Topic : AETCOM Module 1.1 Exploratory Session
Sunday	13	SUNDAY						

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ECE= Early Clinical Exposure

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Monday	14	Biochemistry L Topic: Discuss & differentiate monosaccharides, disaccharides and polysaccharides giving examples of main carbohydrates as energy fuel, structural element & storage in the human body (BI3.1)	Physiology SGD Describe intercellular communication (PY 1.3)	Anatomy DOAP Topic : Demonstrate normal anatomical position, various planes, relation, comparison, laterality & movement in our body AN1.1	Anatomy DOAP Topic : Describe different types of skin & dermatomes in body AN4.1 Topic : Describe structure & function of skin with its appendages AN4.2	Anatomy DOAP Topic : Describe superficial fascia along with fat distribution in body AN4.3 Topic : Describe modifications of deep fascia with its functions AN4.4 Topic - Explain principles of skin incisions AN4.5	Anatomy L Topic : Describe composition of bone and bone marrow AN1.2 Topic : Describe parts, blood and nerve supply of a long bone AN2.1 Topic : Enumerate laws of ossification AN2.2 Topic : Enumerate special features of a sesamoid bone AN2.3	Anatomy L Topic : Describe spermatogenesis and oogenesis along with diagrams AN77.3
Tuesday	15	Physiology SGD Topic : Describe RBC formation (erythropoiesis & its regulation) and its functions (PY2.4)	Biochemistry SGD Topic :Cell transport (BI 1.1) Horz. Int. (Physiology)	Physiology L Topic : Describe and discuss the molecular basis of resting membrane potential and action potential in excitable tissue (PY1.8)	Anatomy SGD Topic : Classify muscle tissue according to structure & action AN3.1	Anatomy SGD Topic : Enumerate parts of skeletal muscle and differentiate between tendons and aponeuroses with examples AN3.2 Topic : Explain Shunt and spurt muscles AN3.3	Anatomy L Topic : Describe spermatogenesis and oogenesis along with diagrams AN77.3	Anatomy L Topic : Describe spermatogenesis and oogenesis along with diagrams AN77.3
Wednesday	16	Anatomy L Topic : Identify epithelium under the microscope & describe the various types that correlate to its function AN65.1 Topic : Describe the ultrastructure of	Anatomy L Topic : Describe technique of karyotyping with its applications AN73.2 Topic : Describe the Lyon's hypothesis AN73.3 Topic : Describe the	Physiology L Topic : Describe and discuss the molecular basis of resting membrane potential and action potential in excitable tissue (PY1.8)	Physiology L Topic :Describe and discuss the synthesis and functions of Haemoglobin & explain its breakdown. Describe variants of haemoglobin (PY2.3)	Biochemistry L Topic: Discuss & differentiate monosaccharides, disaccharides and polysaccharides giving examples of main carbohydrates as energy fuel, structural element & storage in	Physiology P Topic : Study of hemocytometer	Physiology P Topic : Study of hemocytometer

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		epithelium AN65.2	various modes of inheritance with examples AN74.1 Topic : Draw pedigree charts for the various types of inheritance & give examples of diseases of each mode of inheritance AN74.2 Topic : Describe multifactorial inheritance with examples AN74.3 Topic : Describe the genetic basis & clinical features of Achondroplasia, Cystic Fibrosis, Vitamin D resistant rickets, Haemophilia, Duchene's muscular dystrophy & Sickle cell anaemia AN74.4 Topic : Describe the structural and numerical chromosomal aberrations AN75.1 Topic : Explain the terms mosaics and chimeras with example AN75.2 Topic : Describe the genetic basis & clinical features of Prader Willi syndrome, Edward			the human body(BI3.1)		

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			<p>syndrome & Patau syndrome AN75.3 Topic : Describe genetic basis of variation: polymorphism and mutation AN75.4 Topic : Describe the principles of genetic counselling AN75.5</p>					
Thursday	17	<p>Biochemistry SDL Topic: Describe & discuss main classes of lipids (Essential/non-essential fatty acids, cholesterol & hormonal steroids, triglycerides, major phospholipids and sphingolipids) relevant to human system & their major functions (BI4.1)</p>	<p>Biochemistry L Topic: Describe & discuss main classes of lipids (Essential/non-essential fatty acids, cholesterol & hormonal steroids, triglycerides, major phospholipids and sphingolipids) relevant to human system & their major functions (BI4.1)</p>	<p>Physiology SGD Topic : Describe and discuss the molecular basis of resting membrane potential and action potential in excitable tissue (PY1.8)</p>	<p>Anatomy SGD Topic : Describe parts, blood and nerve supply of a long bone AN2.1 Topic : Enumerate laws of ossification AN2.2</p>	<p>Anatomy SGD Topic : Enumerate special features of a sesamoid bone AN2.3 Topic : Describe various types of cartilage with its structure & distribution in body AN2.4</p>	<p>Physiology SDL Topic : Collection of blood sample</p>	<p>Physiology SDL Topic : Collection of blood sample</p>
Friday	18	<p>Physiology L Topic : Describe and discuss the molecular basis of resting membrane potential and action potential in excitable tissue (PY1.8)</p>	<p>Physiology L Topic : Describe and discuss the synthesis and functions of Haemoglobin & explain its breakdown. Describe variants of haemoglobin (PY2.3)</p>	<p>Anatomy L Topic : Describe & identify various types of connective tissue with functional correlation AN66.1</p>	<p>Anatomy SGD + DOAP Topic : Describe the ultrastructure of connective tissue AN66.2 (Vertical Integration – Pathology) Topic : Identify cartilage under the microscope & describe various types and structure- function correlation of the same</p>	<p>Anatomy SGD + DOAP Topic : Describe the ultrastructure of connective tissue AN66.2 (Vertical Integration – Pathology) Topic : Identify cartilage under the microscope & describe various types and structure-</p>	<p>Biochemistry DOAP Topic: Describe commonly used laboratory apparatus & equipments, good safe laboratory practice & waste disposal (BI11.1)</p>	<p>Biochemistry DOAP Topic: Describe the preparation of buffers & estimation of pH. (BI11.2)</p>

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					AN71.2	function correlation of the same AN71.2		
Saturday	19	Community Medicine L Topic : Primitive, Chinese & Greek Medicine (CM1.1)	Physiology L Topic : Describe and discuss the molecular basis of resting membrane potential and action potential in excitable tissue (PY1.8)	Physiology L Topic :Describe and discuss the synthesis and functions of Haemoglobin & explain its breakdown. Describe variants of haemoglobin (PY2.3)	Anatomy SGD + DOAP Topic : Identify bone under the microscope; classify various types and describe the structure-function correlation of the same AN71.1	Anatomy SGD + DOAP Topic : Identify bone under the microscope; classify various types and describe the structure-function correlation of the same AN71.1	Community Medicine SGD Topic : Community Outreach Pulse Polio Immunization	
Sunday	20	SUNDAY						
Monday	21	Biochemistry Tutorial Topic: Describe & discuss structural organization of proteins (BI5.1)	Physiology L Topic :Describe the types, function & properties of nerve fibers (PY 3.2)	Anatomy Topic : ECE (Basic Sciences Correlations) Topic :Differentiate between blood vascular and lymphatic system AN5.1 Topic :Differentiate between pulmonary and systemic circulation AN5.2 Topic :List general differences between arteries & veins AN5.3	Anatomy Topic : ECE (Basic Sciences Correlations) Topic :Explain functional difference between elastic, muscular arteries and arterioles AN5.4 Topic :Describe portal system giving examples AN5.5 Topic :Describe the concept of anastomoses and collateral circulation with significance of end-arteries AN5.6	Anatomy Topic : ECE (Basic Sciences Correlations) Topic :Explain function of meta-arterioles, precapillary sphincters, arterio-venous anastomosis AN5.7 Topic :Define thrombosis, infarction & aneurysm AN5.8	Anatomy L Topic : List the components and functions of the lymphatic system AN6.1 Topic : Describe structure of lymph capillaries & mechanism of lymph circulation AN6.2 Topic : Explain the concept of lymphoedema and spread of tumors via lymphatics and venous system AN6.3	Anatomy L Topic : Describe the uterine changes occurring during the menstrual cycle AN77.1 Topic : Describe the synchrony between the ovarian and menstrual cycles AN77.2 Topic : Describe the stages and consequences of fertilisation AN77.4 Topic : Enumerate and describe the anatomical principles underlying contraception AN77.5

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								Topic : Describe teratogenic influences; fertility and sterility, surrogate motherhood, social significance of "sex-ratio". AN77.6
Tuesday	22	<p>Physiology SGD</p> <p>Topic :Describe and discuss the synthesis and functions of Haemoglobin & explain its breakdown. Describe variants of haemoglobin (PY2.3)</p>	<p>Biochemistry L</p> <p>Topic: Describe & discuss main classes of lipids (Essential/non-essential fatty acids, cholesterol & hormonal steroids, triglycerides, major phospholipids and sphingolipids) relevant to human system & their major functions (BI4.1)</p>	<p>Anatomy SGD</p> <p>Topic : Describe various joints with subtypes and examples AN2.5</p> <p>Topic : Explain the concept of nerve supply of joints & Hilton's law AN2.6</p>	<p>Anatomy SGD</p> <p>Topic : Differentiate between blood vascular and lymphatic system AN5.1</p> <p>Topic : Differentiate between pulmonary and systemic circulation AN5.2</p> <p>Topic : List general differences between arteries & veins AN5.3</p> <p>Topic : Explain functional difference between elastic, muscular arteries and arterioles AN5.4</p> <p>Topic : Describe portal system giving examples AN5.5</p> <p>Topic : Describe the concept of anastomoses and collateral circulation with significance of end-arteries AN5.6</p> <p>Topic : Explain function of meta-arterioles, precapillary sphincters, arterio-venous</p>	<p>Anatomy SGD</p> <p>Topic : List the components and functions of the lymphatic system AN6.1</p> <p>Topic : Describe structure of lymph capillaries & mechanism of lymph circulation AN6.2</p> <p>Topic : Explain the concept of lymphoedema and spread of tumors via lymphatics and venous system AN6.3</p>	<p>Anatomy L</p> <p>Topic : Describe various joints with subtypes and examples AN2.5</p> <p>Topic : Explain the concept of nerve supply of joints & Hilton's law AN2.6</p> <p>NAT</p>	<p>Anatomy SDL</p> <p>Topic : Classify muscle tissue according to structure & action AN3.1</p> <p>Topic : Enumerate parts of skeletal muscle and differentiate between tendons and aponeuroses with examples AN3.2</p> <p>Topic : Explain Shunt and spurt muscles AN3.3</p>

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					anastomosis AN5.7 Topic : Define thrombosis, infarction & aneurysm AN5.8			
Wednesday	23	Anatomy L Topic : Introduction to upper limb	Anatomy L Topic : Describe general plan of nervous system with components of central, peripheral & autonomic nervous systems AN7.1 Topic : List components of nervous tissue and their functions AN7.2 Topic : Describe parts of a neuron and classify them based on number of neurites, size & function AN7.3 Topic : Describe structure of a typical spinal nerve AN7.4 Topic : Describe principles of sensory and motor innervation of muscles (Horizontal Integration - Physiology)	Physiology L Topic : Describe RBC formation (erythropoiesis & its regulation) and its functions (PY 2.4)	Physiology L Describe Strength-duration curve (PY 3.17)	Biochemistry SGD Topic: Describe & discuss structural organization of proteins (BI5.1)	Physiology DOAP Topic : Determination of WBC count	Physiology DOAP Topic : Determination of WBC count

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Thursday	24	Biochemistry L Topic: Describe & discuss main classes of lipids (Essential/non-essential fatty acids, cholesterol & hormonal steroids, triglycerides, major phospholipids and sphingolipids) relevant to human system & their major functions (BI4.1)	Biochemistry SDL Topic: Describe & discuss structural organization of proteins (BI5.1)	Physiology SGD Topic : Describe apoptosis - programmed cell death (PY 1.4)	Anatomy SGD + DOAP Topic : Identify the given bone, its side, important features & keep it in anatomical position AN8.1 Topic : Enumerate peculiarities of clavicle AN8.3 Topic : Demonstrate important muscle attachment on the given bone AN8.4 NAT	Anatomy SGD + DOAP Topic : Identify the given bone, its side, important features & keep it in anatomical position AN8.1 Topic : Enumerate peculiarities of clavicle AN8.3 Topic : Demonstrate important muscle attachment on the given bone AN8.4 NAT	Physiology DOAP Topic : Revision of WBC count	Physiology DOAP Topic : Revision of WBC count
Friday	25	Physiology SGD Topic : Describe the types, function & properties of nerve fibers (PY 3.2)	Physiology L Topic : Describe RBC formation (erythropoiesis & its regulation) and its functions (PY 2.4)	Anatomy L Topic : Describe general plan of nervous system with components of central, peripheral & autonomic nervous systems AN7.5 Describe concept of loss of innervation of a muscle with its applied anatomy AN7.6 Topic : Describe various type of synapse AN7.7 Topic : Describe differences between sympathetic and spinal ganglia AN7.8	Anatomy SGD Topic : Describe general plan of nervous system with components of central, peripheral & autonomic nervous systems AN7.1 Topic : List components of nervous tissue and their functions AN7.2 Topic : Describe parts of a neuron and classify them based on number of neurites, size & function AN7.3 Topic : Describe structure of a typical spinal nerve AN7.4	Anatomy SGD Topic : Describe principles of sensory and motor innervation of muscles AN7.5 Describe concept of loss of innervation of a muscle with its applied anatomy AN7.6 Topic : Describe various type of synapse AN7.7 Topic : Describe differences between sympathetic and spinal ganglia	Biochemistry DOAP Topic: Qualitative analysis of carbohydrates (BI3.1)	Biochemistry DOAP Topic: Qualitative analysis of carbohydrates (BI3.1)

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						AN7.8		
Saturday	26	Community Medicine L Topic : Indian Systems of Medicine (CM1.1)	Physiology SGD Topic : Describe RBC formation (erythropoiesis & its regulation) and its functions (PY 2.4)	Physiology SGD Topic : Describe the types,function & properties of nerve fibers (PY 3.2)	Anatomy SGD + DOAP Scapula Topic : Identify the given bone, its side, important features & keep it in anatomical position AN8.1 NAT	Anatomy SGD + DOAP Scapula Topic :Demonstrate important muscle attachment on the given bone AN8.4 NAT	Community Medicine SGD Topic : Community Outreach Visit to Community Health Centre, Dehlon	
Sunday	27	SUNDAY						
Monday	28	HOLIDAY						
Tuesday	29	Physiology SGD AIT Topic : Describe different types of anaemias & jaundice (PY 2.5)	Biochemistry L Topic: Describe & explain the basic principles of enzyme activity (BI2.3)	Physiology SGD Topic : Describe the types,function & properties of nerve fibers (PY 3.2)	Anatomy Tutorial Humerus Topic : Identify the given bone, its side, important features & keep it in anatomical position AN8.1 Topic :Demonstrate important muscle attachment on the given bone AN8.4 NAT	Anatomy SGD + DOAP Topic : Describe attachment, nerve supply & action of pectoralis major and pectoralis minor AN9.1 Topic : Breast: Describe the location, extent, deep relations, structure, age changes, blood supply, lymphatic drainage, microanatomy and applied anatomy of breast AN9.2 NAT	Anatomy SDL Topic : Describe attachment, nerve supply & action of pectoralis major and pectoralis minor AN9.1 NAT	Anatomy L Topic : Breast: Describe the location, extent, deep relations, structure, age changes, blood supply, lymphatic drainage, microanatomy and applied anatomy of breast AN9.2 NAT

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Wednesday	30	<p>Anatomy L Topic : Describe cleavage and formation of blastocyst AN78.1 Topic : Describe the development of trophoblast AN78.2 Topic : Describe the formation of extra-embryonic mesoderm and coelom, bilaminar disc and prochordal plate AN78.4</p>	<p>Anatomy L Topic : Describe the formation & fate of the primitive streak AN79.1 Topic : Describe formation & fate of notochord AN79.2 Topic : Describe the process of neurulation AN79.3 Topic : Describe the development of somites and intra-embryonic coelom AN79.4 Topic : Explain embryological basis of congenital malformations, nucleus pulposus, sacrococcygealteratom as, neural tube defects AN79.5 Topic : Describe the diagnosis of pregnancy in first trimester and role of teratogens, alpha-fetoprotein AN79.6</p>	<p>Physiology L Topic : Describe different types of anaemias & jaundice (PY 2.5)</p>	<p>Physiology SGD Topic : Describe the structure of neuro - muscular junction and transmission of impulses (PY 3.4)</p>	<p>Biochemistry SGD Topic: Describe & discuss structural organization of proteins (BI5.1)</p>	<p>Physiology DOAP Topic : Estimation of haemoglobin</p>	<p>Physiology DOAP Topic : Estimation of haemoglobin</p>

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Thursday	31	Biochemistry L Topic: Describe & explain the basic principles of enzyme activity (BI2.3)	Biochemistry L Topic: Describe & discuss structural organization of proteins (BI5.1)	Physiology L Topic : Describe different types of anaemias & jaundice (PY 2.5)	Anatomy SGD + DOAP Topic : Describe & identify various types of muscle under the microscope AN67.1 Topic : Classify muscle and describe the structure-function correlation of the same AN67.2	Anatomy SGD + DOAP Topic : Describe & identify various types of muscle under the microscope AN67.1 Topic : Classify muscle and describe the structure-function correlation of the same AN67.2	Physiology DOAP Topic : RBC Indices	Physiology DOAP Topic : RBC Indices
Month: November, 2019								
Friday	1	Physiology L Topic : Describe the structure of neuro - muscular junction and transmission of impulses (PY 3.4)	Physiology SGD AIT Topic : Describe different types of anaemias & jaundice (PY 2.5)	Anatomy L Placenta & Foetal membrane I Topic : Describe formation, functions & fate of-chorion: amnion; yolk sac; allantois & deciduas AN80.1 Topic : Describe formation & structure of umbilical cord AN80.2 Topic: Describe formation of placenta, its physiological functions, foetomaternal circulation & placental barrier AN80.3 Topic : Describe embryological basis of twinning in monozygotic & dizygotic twins AN80.4	Anatomy SGD + DOAP Topic : Describe attachment, nerve supply & action of pectoralis major and pectoralis minor AN9.1 Topic : Breast: Describe the location, extent, deep relations, structure, age changes, blood supply, lymphatic drainage, microanatomy and applied anatomy of breast AN9.2 NAT	Anatomy SGD + DOAP Topic : Describe development of breast AN9.3 NAT	Biochemistry DOAP Topic: Qualitative analysis of carbohydrates (Disaccharides) (BI3.1)	Biochemistry DOAP Topic: Qualitative analysis of carbohydrates (Disaccharides) (BI3.1)

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Saturday	2	Community Medicine L Topic : Revival of Medicine & Modern Medicine (CM1.1)	Physiology Tutorial Haematology	Physiology SGD Topic : Discuss the action of neuro - muscular blocking agents (PY3.5)	Anatomy SGD + DOAP Topic : Identify & describe boundaries and contents of axilla AN10.1 Topic : Identify, describe and demonstrate the origin, extent, course, parts, relations and branches of axillary artery & tributaries of vein AN10.2 NAT	Anatomy SGD + DOAP Topic : Identify & describe boundaries and contents of axilla AN10.1 Topic : Identify, describe and demonstrate the origin, extent, course, parts, relations and branches of axillary artery & tributaries of vein AN10.2 NAT	Topic : AETCOM Module 1.1 Panel Discussion		
Sunday	3	SUNDAY							
Monday	4	Biochemistry L Topic: Describe & discuss functions of proteins & structure-function relationships in relevant areas (BI5.2)	Physiology SGD Topic : Describe the different types of muscle fibers and their structure (PY3.7)	Anatomy SGD Topic : Describe, identify and demonstrate formation, branches, relations, area of supply of branches, course and relations of terminal branches of brachial plexus AN10.3 Topic : Describe the anatomical groups of axillary lymph nodes and specify their areas of drainage AN10.4 Topic : Explain variations in formation of brachial plexus	Anatomy SGD Topic : Describe, identify and demonstrate formation, branches, relations, area of supply of branches, course and relations of terminal branches of brachial plexus AN10.3 Topic : Describe the anatomical groups of axillary lymph nodes and specify their areas of drainage AN10.4 Topic : Explain variations in formation of brachial plexus	Anatomy SGD Topic : Describe, identify and demonstrate formation, branches, relations, area of supply of branches, course and relations of terminal branches of brachial plexus AN10.3 Topic : Describe the anatomical groups of axillary lymph nodes and specify their areas of drainage AN10.4 Topic : Explain variations in	Anatomy L Brachial plexus Topic : Explain variations in formation of brachial plexus AN10.5 NAT	Anatomy L Placenta & foetal membrane II Topic : Describe the process of implantation & common abnormal sites of implantation AN78.3 Topic : Describe in brief abortion; decidual reaction, pregnancy test AN78.5 Topic : Describe role of placental hormones in uterine growth & parturition AN 80.5 Topic : Explain embryological basis of estimation of fetal age.	

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				AN10.5 NAT	AN10.5 NAT	formation of brachial plexus AN10.5 NAT		AN 80.6 Topic : Describe various types of umbilical cord attachments AN 80.7 Topic : Describe various methods of prenatal diagnosis AN81.1 Topic : Describe indications, process and disadvantages of amniocentesis AN 81.2 Topic : Describe indications, process and disadvantages of chorion villus biopsy AN 81.3
Tuesday	5	Physiology SGD Topic : Describe WBC formation (granulopoiesis) and its regulation (PY 2.6)	Biochemistry SGD Topic : Describe & explain the basic principles of enzyme activity (BI2.3)	Anatomy SGD Tutorial – Radus Topic : Identify the given bone, its side, important features & keep it in anatomical position AN8.1 Topic : Demonstrate important muscle attachment on the given bone AN8.4 NAT	Anatomy SGD + DOAP Topic : Describe, identify and demonstrate formation, branches, relations, area of supply of branches, course and relations of terminal branches of brachial plexus AN10.3 Topic : Describe the anatomical groups of axillary lymph nodes and specify their areas of drainage AN10.4 Topic : Explain variations in formation of brachial plexus	Anatomy SGD + DOAP Topic : Describe, identify and demonstrate formation, branches, relations, area of supply of branches, course and relations of terminal branches of brachial plexus AN10.3 Topic : Describe the anatomical groups of axillary lymph nodes and specify their areas of drainage AN10.4 Topic : Explain variations in	Anatomy L Scapular region Topic : Describe, identify and demonstrate the position, attachment, nerve supply and actions of trapezius and latissimus dorsi AN10.8 Topic : Describe the arterial anastomosis around the scapula and mention the boundaries of triangle of auscultation AN10.9 Topic : Describe and identify the deltoid and rotator cuff muscles AN10.10 Topic : Describe & demonstrate attachment of	Anatomy ATCOM

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					AN10.5 NAT	formation of brachial plexus AN10.5 Topic : Explain anatomical basis of enlarged axillary lymph nodes AN10.7 NAT	serratus anterior with its action AN10.11 NAT	
Wednesday	6	Anatomy L Formation of cartilage & bone	Anatomy L Histology Blood vessels Topic : Identify elastic & muscular blood vessels, capillaries under the microscope AN69.1 Topic : Describe the various types and structure-function correlation of blood vessel AN69.2 Topic : Describe the ultrastructure of blood vessels AN69.3 (Horizontal Integration – Physiology)	Physiology ECE Myasthenia gravis PY 3.6	Physiology ECE Myasthenia gravis PY 3.6	Physiology ECE Myasthenia gravis PY 3.6	Physiology DOAP Topic : RBC Count (PY 2.11)	Physiology DOAP Topic : RBC Count (PY 2.11)
Thursday	7	Biochemistry SGD Topic: Describe & explain the basic principles of enzyme activity (BI12.3)	Biochemistry L Topic: Describe & discuss functions of proteins & structure-function relationships in relevant areas (BI5.2)	Physiology L Topic : Describe the molecular basis of muscle contraction in skeletal and in smooth muscles (PY 3.9)	Anatomy SGD + DOAP Histology blood vessels Topic : Identify elastic & muscular blood vessels, capillaries under the microscope AN69.1	Anatomy SGD + DOAP Histology blood vessels Topic : Describe the ultrastructure of blood vessels AN69.3	Physiology DOAP Topic : Estimation of DLC (PY 2.11)	Physiology DOAP Topic : Estimation of DLC (PY 2.11)

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Friday	8	<p>Physiology L Topic : Describe the molecular basis of muscle contraction in skeletal and in smooth muscles (PY 3.9)</p>	<p>Physiology SDL Topic : Describe WBC formation (granulopoiesis) and its regulation (PY 2.6)</p>	<p>Anatomy SGD+DOAP Dissection Scapular region Topic : Describe, identify and demonstrate the position, attachment, nerve supply and actions of trapezius and latissimus dorsi AN10.8 NAT</p>	<p>Anatomy SGD Dissection Scapular region Topic : Describe the arterial anastomosis around the scapula and mention the boundaries of triangle of auscultation AN10.9 NAT</p>	<p>Anatomy SGD Dissection Scapular region Topic : Describe and identify the deltoid and rotator cuff muscles AN10.10 Topic : Describe & demonstrate attachment of serratus anterior with its action AN10.11 NAT</p>	<p>Biochemistry DOAP Topic: Analysis of color reaction or proteins (BI15.1)</p>	<p>Biochemistry DOAP Topic: Analysis of color reaction or proteins (BI15.1)</p>
Saturday	9	<p>Community Medicine L Topic : Definition, Dimensions and Spectrum of Health (CM1.2)</p>	<p>Tutorial Topic : NMP</p>	<p>Physiology SGD Topic : Describe different blood groups and discuss the clinical importance of blood grouping, blood banking and transfusion (PY2.9)</p>	<p>Anatomy SGD+DOAP Topic : Describe, identify and demonstrate the position, attachment, nerve supply and actions of trapezius and latissimus dorsi AN10.8 Topic : Describe the arterial anastomosis around the scapula and mention the boundaries of triangle of auscultation AN10.9 NAT</p>	<p>Anatomy SGD+DOAP Topic : Describe and identify the deltoid and rotator cuff muscles AN10.10 Topic : Describe & demonstrate attachment of serratus anterior with its action AN10.11 NAT</p>	<p>Topic : Visit to Urban Health Centre Shimlapuri</p>	
Sunday	10	SUNDAY						

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Monday	11	Biochemistry L Topic: Describe & discuss functions of proteins & structure-function relationships in relevant areas eg. Hemoglobin & selected hemoglobinopathies(BI5.2)	Physiology L Topic : Describe the molecular basis of muscle contraction in skeletal and in smooth muscles (PY 3.9)	Anatomy FA Ulna Topic : Identify the given bone, its side, important features & keep it in anatomical position AN8.1 Topic : Demonstrate important muscle attachment on the given bone AN8.4 NAT	Anatomy SGD + DOAP Arm & Cubital fossa Topic : : Describe and demonstrate muscle groups of upper arm with emphasis on biceps and triceps brachii AN11.1 Topic : Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels in arm AN11.2 Topic : Describe the anatomical basis of Venepuncture of cubital veins AN11.3 NAT	Anatomy SGD + DOAP Arm & Cubital fossa Topic : Identify & describe boundaries and contents of cubital fossa AN11.5 Topic : Describe the anastomosis around the elbow joint AN11.6 NAT	Anatomy L Arm & Cubital fossa Topic : : Describe and demonstrate muscle groups of upper arm with emphasis on biceps and triceps brachii AN11.1 Topic : Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels in arm AN11.2 Topic : Describe the anatomical basis of Venepuncture of cubital veins AN11.3 Topic : Identify & describe boundaries and contents of cubital fossa AN11.5	Anatomy L Cutaneous nerve, Superficial nerve & Lymphatics of upper limb Topic : Describe the anatomical basis of Venepuncture of cubital veins AN11.3 Topic : Describe and explain Fascia of upper limb and compartments, veins of upper limb and its lymphatic drainage AN13.1 Topic : Describe dermatomes of upper limb AN13.2 NAT
Tuesday	12	HOLIDAY						
Wednesday	13	Anatomy L Shoulder joint Describe and demonstrate shoulder joint for-type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements, muscles	Anatomy L Development of skin, appendages & mammary gland Topic : Describe development of breast AN9.3 NAT	Physiology L Topic : Describe the molecular basis of muscle contraction in skeletal and in smooth muscles (PY 3.9)	Physiology L Topic : Describe different blood groups and discuss the clinical importance of blood grouping, blood banking and transfusion (PY2.9)	Biochemistry L Topic: Describe & discuss functions of proteins & structure-function relationships in relevant areas eg. Hemoglobin & selected hemoglobinopathies(BI5.2)	Physiology DOAP Topic : DLC (PY 2.11)	Physiology DOAP Topic : DLC (PY 2.11)

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		involved, blood supply, nerve supply and applied anatomy AN10.12 Sternoclavicular Acromioclavicular Topic : Describe Sternoclavicular joint, Acromioclavicular joint, Carpometacarpal joints & Metacarpophalangeal joint AN13.4 NAT						
Thursday	14	Biochemistry ECE Topic: Describe & discuss functions of proteins & structure-function relationships in relevant areas eg. Hemoglobin & selected hemoglobinopathies(BI5.2)	Biochemistry ECE Topic: Describe & discuss functions of proteins & structure-function relationships in relevant areas eg. Hemoglobin & selected hemoglobinopathies (BI5.2)	Physiology SGD Topic : Describe action potential and properties in different muscle types (skeletal & smooth) (PY 3.8)	Anatomy SGD + DOAP Dissection Arm & Cubital fossa Topic : : Describe and demonstrate muscle groups of upper arm with emphasis on biceps and triceps brachii AN11.1 Topic : Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels in arm AN11.2 Topic : Describe the anatomical basis of Venepuncture of cubital veins AN11.3 NAT	Anatomy SGD + DOAP Dissection Arm & Cubital fossa Topic : Identify & describe boundaries and contents of cubital fossa AN11.5 Topic : Describe the anastomosis around the elbow joint AN11.6 NAT	Physiology DOAP Topic : Blood Group (PY 2.11)	Physiology DOAP Topic : Blood Group (PY 2.11)

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Friday	15	Physiology SGD Topic : Describe different blood groups and discuss the clinical importance of blood grouping, blood banking and transfusion (PY2.9)	Physiology L Topic : Describe action potential and properties in different muscle types (skeletal & smooth) (PY 3.8)	Anatomy L Topic : Identify exocrine gland under the microscope & distinguish between serous, mucous and mixed acini AN70.1	Anatomy SGD + DOAP Histology of gland Topic : Identify exocrine gland under the microscope & distinguish between serous, mucous and mixed acini AN70.1	Anatomy SGD + DOAP Histology of gland Topic : Identify exocrine gland under the microscope & distinguish between serous, mucous and mixed acini AN70.1	Biochemistry DOAP Topic: Demonstrate the precipitation reaction of proteins (BI5.1)	Biochemistry DOAP Topic: Demonstrate the precipitation reaction of proteins (BI5.1)
Saturday	16	Community Medicine L Topic : Genetic determinants of Health (CM1.2)	Physiology SGD Topic : Describe different blood groups and discuss the clinical importance of blood grouping, blood banking and transfusion (PY2.9)	Physiology SGD Topic : Explain the gradation of muscular activity (PY 3.12)	Anatomy Demonstration articulated hand Topic : Identify and name various bones in articulated hand, Specify the parts of metacarpals and phalanges and enumerate the peculiarities of pisiform AN8.5 NAT	Anatomy Demonstration articulated hand Topic : Describe scaphoid fracture and explain the anatomical basis of avascular necrosis AN8.6 NAT	Community Medicine SGD Topic :Introduction to Family Study (CM 2.1)	
Sunday	17	SUNDAY						
Monday	18	Biochemistry Tutorial Topic: Describe & discuss enzyme inhibition as poisons & drugs and as therapeutic enzymes (BI2.4)	Physiology L Topic : Describe the formation of platelets, functions and variations, (PY 2.7)	Anatomy Topic : ECE (Basic Skills) Topic :Describe the anatomical groups of axillary lymph nodes and specify their areas of drainage AN10.4	Anatomy Topic : ECE (Basic Skills) Topic :Describe the anatomical groups of axillary lymph nodes and specify their areas of drainage AN10.4	Anatomy Topic : ECE (Basic Skills) Topic :Describe the anatomical groups of axillary lymph nodes and specify their areas of drainage AN10.4	Anatomy SDL Topic : Describe and demonstrate important muscle groups of ventral forearm with attachments, nerve supply and actions AN12.1 NAT Topic : Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels of forearm	Anatomy SDL Topic : Identify & describe flexor retinaculum with its attachments AN12.3 NAT

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							AN12.2 NAT	
Tuesday	19	Practical P ESR, Osmotic fragility & PCV (PY 2.12)	Biochemistry L Topic :Describe the biomedical role of vitamins in the body (BI6.5) Vitamin A Vert. Int. (Medicine)	Anatomy FA Topic : Describe and demonstrate important muscle groups of ventral forearm with attachments, nerve supply and actions AN12.1 NAT	Anatomy SGD + DOAP Topic : Describe and demonstrate important muscle groups of ventral forearm with attachments, nerve supply and actions AN12.1 NAT	Anatomy SGD + DOAP Topic : Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels of forearm AN12.2 NAT	Anatomy SDL Topic : Identify & describe flexor retinaculum with its attachments AN12.3 NAT	Anatomy SDL Topic : Identify & describe flexor retinaculum with its attachments AN12.3 NAT
Wednesday	20	Anatomy L Palm I Topic :Identify& describe small muscles of hand. Also describe movements of thumb and muscles involved AN12.5 Topic : Describe & demonstrate movements of thumb and muscles involved AN12.6 Topic : Identify & describe course and branches of important blood vessels and nerves in	Anatomy L Palm II Topic : Describe anatomical basis of Claw hand AN12.8 Topic : Identify & describe fibrous flexor sheaths, ulnar bursa, radial bursa and digital synovial sheaths AN12.9 Topic :Explain infection of fascial spaces of palm AN12.10 NAT	Physiology L Topic : Describe the formation of platelets, functions and variations, (PY 2.7)	Physiology L Topic : Describe the physiological basis of hemostasis and anticoagulants. Describe bleeding &clotting disorders (Hemophillia , purpura) (PY 2.8)	Biochemistry SDL Topic: Describe & discuss enzyme inhibition as poisons & drugs and as therapeutic enzymes (BI2.4)	Physiology DOAP BT, CT (PY 2.11)	Physiology DOAP BT, CT (PY 2.11)

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		hand AN12.7 NAT						
Thursday	21	Biochemistry SDL Topic: Describe the functions of various minerals in the body, their metabolism & homeostasis (BI6.9)	Biochemistry L Topic: Discuss use of enzymes in laboratory investigations (Enzyme-based assays) (BI2.6)	Physiology L Topic : Describe the physiological basis of hemostasis and anticoagulants. Describe bleeding & clotting disorders (Hemophilia , purpura) (PY 2.8)	Anatomy SGD & DOAP Topic :Identify & describe small muscles of hand. Also describe movements of thumb and muscles involved AN12.5 Topic : Describe & demonstrate movements of thumb and muscles involved AN12.6 Topic : Identify & describe course and branches of important blood vessels and nerves in hand AN12.7 NAT	Anatomy SGD & DOAP Topic : Describe anatomical basis of Claw hand AN12.8 Topic : Identify & describe fibrous flexor sheaths, ulnar bursa, radial bursa and digital synovial sheaths AN12.9 Topic :Explain infection of fascial spaces of palm AN12.10 NAT	Physiology D Reticulocyte & Platelet Count (PY 2.13)	Physiology D Reticulocyte & Platelet Count (PY 2.13)
Friday	22	Physiology L Topic : Describe the degeneration and regeneration in peripheral nerves (PY 3.3)	Physiology SGD Topic : Describe the physiological basis of hemostasis and anticoagulants. Describe bleeding & clotting disorders (Hemophilia , purpura) (PY 2.8)	Anatomy SGD & DOAP Topic :Identify & describe small muscles of hand. Also describe movements of thumb and muscles involved AN12.5 NAT	Anatomy SGD & DOAP Topic : Describe & demonstrate movements of thumb and muscles involved AN12.6 NAT	Anatomy SGD & DOAP Topic : Identify & describe course and branches of important blood vessels and nerves in hand AN12.7 NAT	Biochemistry DOAP Topic: Describe the chemical components of normal urine (BI11.3)	Biochemistry DOAP Topic: Describe the chemical components of normal urine (BI11.3)

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Saturday	23	Community Medicine L Topic : Relativeness & Determinants of Health & Concept of Wellbeing (CM1.2)	Physiology SGD Topic : Describe the physiological basis of hemostasis and anticoagulants. Describe bleeding & clotting disorders (Hemophilia, purpura) (PY 2.8)	Physiology L Topic : Explain energy source and muscle metabolism (PY3.11)		Anatomy SGD & DOAP Topic : Identify & describe compartments deep to extensor retinaculum AN12.14 Topic : Identify & describe extensor expansion formation AN12.15 NAT	Community Medicine SGD Topic : Describe the types of Family (CM 2.2)	
Sunday	24	SUNDAY						
Monday	25	Biochemistry SDL Topic: Describe the functions of various minerals in the body, their metabolism & homeostasis (BI6.9)	Physiology SGD Topic : Define and classify different types of immunity. Describe the development of immunity and its regulation (PY 2.10)	Anatomy Topic : ECE (Clinical Skills) Explain anatomical basis of carpal tunnel syndrome AN12.4 (Visit to orthopedic Dept)	Anatomy Topic : ECE (Clinical Skills) Explain anatomical basis of carpal tunnel syndrome AN12.4 (Visit to orthopedic Dept)	Anatomy Topic : ECE (Clinical Skills) Explain anatomical basis of carpal tunnel syndrome AN12.4 (Visit to orthopedic Dept)	Anatomy L Elbow joint Topic : Identify & describe the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements, blood and nerve supply of elbow joint, proximal and distal radio-ulnar joints, wrist joint & first carpometacarpal joint AN13.3 NAT	Anatomy L Extensor compartment of forearm Topic : Describe and demonstrate important muscle groups of ventral forearm with attachments, nerve supply and actions AN12.1 Topic : Identify & describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels of forearm AN12.2 NAT

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Tuesday	26	<p>Physiology SGD Topic :Describe the mode of muscle contraction (Isometric and isotonic) (PY 3.10)</p>	<p>Topic : Describe the biomedical role of vitamins in the body (BI6.5) Vitamin D; Vert. Int. (Medicine, Pediatrics)</p>	<p>Physiology L Topic : Define and classify different types of immunity. Describe the development of immunity and its regulation (PY 2.10)</p>	<p>Anatomy Surface marking & Radiology Topic : Identify the bones and joints of upper limb seen in anteroposterior and lateral view radiographs of shoulder region, arm, elbow, forearm and hand AN13.5 Topic : Identify & demonstrate important bony landmarks of upper limb: Jugular notch, sternal angle, acromial angle, spine of the scapula, vertebral level of the medial end, Inferior angle of the scapula AN13.6 Topic : Identify & demonstrate surface projection of: Cephalic and basilic vein, Palpation of Brachial artery, Radial artery, Testing of muscles: Trapezius, pectoralis major, serratus anterior, latissimus dorsi, deltoid, biceps brachii, Brachioradialis AN13.7 NAT Anatomy SGD Topic : Describe development of upper limb AN13.8</p>	<p>Anatomy Surface marking & Radiology Topic : Identify the bones and joints of upper limb seen in anteroposterior and lateral view radiographs of shoulder region, arm, elbow, forearm and hand AN13.5 Topic : Identify & demonstrate important bony landmarks of upper limb: Jugular notch, sternal angle, acromial angle, spine of the scapula, vertebral level of the medial end, Inferior angle of the scapula AN13.6 Topic : Identify & demonstrate surface projection of: Cephalic and basilic vein, Palpation of Brachial artery, Radial artery, Testing of muscles: Trapezius, pectoralis major, serratus anterior, latissimus dorsi, deltoid, biceps brachii, Brachioradialis</p>	<p>Anatomy L Radioulnar joint Topic : Identify & describe the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements, blood and nerve supply of elbow joint, proximal and distal radio-ulnar joints, wrist joint & first carpometacarpal joint AN13.3 NAT</p>	<p>Anatomy SDL Wrist joints, 1st Carpometacarpal joints Topic : Describe Sternoclavicular joint, Acromioclavicular joint, Carpometacarpal joints & Metacarpophalangeal joint AN13.4 NAT</p>

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					NAT	AN13.7 Anatomy SGD Topic : Describe development of upper limb AN13.8 NAT		
Wednesday	27	Anatomy L Histology of Lymphatic system Topic : Identify the lymphoid tissue under the microscope & describe microanatomy of lymph node, spleen, thymus, tonsil and correlate the structure with function AN70.2	Anatomy L Topic : Describe development of upper limb AN13.8 NAT	Physiology ECE Bleeding & Clotting disorders (PY 2.8)	Physiology ECE Bleeding & Clotting disorders (PY 2.8)	Physiology ECE Bleeding & Clotting disorders (PY 2.8)	Physiology CAL Amphibian Nerve Muscle Experiment (PY 3.18)	Physiology CAL Amphibian Nerve Muscle Experiment (PY 3.18)
Thursday	28	Biochemistry FA Topic: Class Test	Biochemistry FA Topic: Class Test	Physiology SGD Topic : Describe the different types of muscle fibers and their structure (PY 3.7)	Anatomy SGD Nerve injuries Topic : Explain the anatomical basis of clinical features of Erb's palsy and Klumpke's paralysis AN10.6 Topic : Explain anatomical basis of Injury to axillary nerve during intramuscular injections AN10.13 Topic : Describe the anatomical basis of Saturday night paralysis	Anatomy SGD Nerve injuries Explain anatomical basis of carpal tunnel syndrome AN12.4 Topic : Describe anatomical basis of Claw hand AN12.8 Topic : Describe the anatomical basis of Wrist drop AN12.13 (Vertical Integration – General Surgery)	Physiology CAL Amphibian Nerve Muscle Experiment (PY 3.18)	Physiology CAL Amphibian Nerve Muscle Experiment (PY 3.18)

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					AN11.4 NAT	NAT		
Friday	29	Tutorial Topic : Blood	Physiology SGD Topic : Describe action potential and properties in different muscle types (skeletal & smooth) (PY 3.8)	Anatomy SGD Demonstration Embryology Models	Anatomy SGD Demonstration Embryology Models	Anatomy SGD Demonstration Embryology Models	Biochemistry DOAP Topic: Perform urine analysis to estimate & determine normal constituents (BI11.4)	Biochemistry DOAP Topic: Perform urine analysis to estimate & determine normal constituents (BI11.4)
Saturday	30	Community Medicine L Topic : Enumerate and describe health indicators (CM1.7)	Physiology SGD Topic : Describe the molecular basis of muscle contraction in skeletal and in smooth muscles (PY 3.9)	Physiology L Topic : Define and classify different types of immunity. Describe the development of immunity and its regulation (PY 2.10)	Anatomy SGD & DOAP Histology Lymph node & Spleen AN70.2	Anatomy SGD & DOAP Histology Lymph node & Spleen AN70.2	Community Medicine SGD Topic : Describe the Socio-cultural factors related to Health (CM 2.2) Problem Based Learning	
Month: December, 2019								
Sunday	1							
Monday	2	Biochemistry L Topic: Describe the functions of various minerals in the body, their metabolism & homeostasis (BI6.9)	Physiology SDL Topic : Describe muscular dystrophy: myopathies (PY 3.13)	Anatomy Histology of Thymus & Tonsil Topic : Identify, describe and correlate the functions of the lymphoid tissue under the microscope AN70.2	Anatomy Histology Practical Thymus & Tonsil Topic : Identify, describe and correlate the functions of the lymphoid tissue under the microscope AN70.2	Anatomy Histology Practical Thymus & Tonsil Topic : Identify, describe and correlate the functions of the lymphoid tissue under the microscope AN70.2	Anatomy Self study Articulated Hand Topic : Identify and name various bones in articulated hand, Specify the parts of metacarpals and phalanges and enumerate the peculiarities of pisiform AN8.5 NAT	Anatomy L Histology Skin & Umbilical cord Topic : Identify the skin and its appendages under the microscope and correlate the structure with function AN72.1

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Tuesday	3	Physiology L Topic : Define and classify different types of immunity. Describe the development of immunity and its regulation (PY 2.10)	Biochemistry L Topic: Describe the biological role of vitamins in the body and explain the manifestations of their deficiency (BI6.5)	Anatomy Histology Practical Skin & Umbilical cord Topic : Identify the skin and its appendages under the microscope and correlate the structure with function AN72.1	Anatomy Histology Practical Skin & Umbilical cord Topic : Identify the skin and its appendages under the microscope and correlate the structure with function AN72.1	Anatomy Histology Practical Skin & Umbilical cord Topic : Identify the skin and its appendages under the microscope and correlate the structure with function AN72.1	Anatomy SDL Topic : 1.Nerve Injuries	Anatomy SDL Topic : 1.Nerve Injuries
Wednesday	4	Anatomy L Introduction to thorax	Anatomy L Introduction to thorax	Physiology SGD Topic : Define and classify different types of immunity. Describe the development of immunity and its regulation (PY 2.10)	Tutorial Topic : NMP	Biochemistry Tutorial Topic : Describe the biomedical role of vitamins in the body & explain the manifestations of their deficiency(BI6.5)	Practical P Revision Hematology practical	Practical P Revision Hematology practical
Thursday	5	Biochemistry ECE Topic : Describe & discuss the clinical utility of various serum enzymes as markers of pathological conditions (BI2.5)	Biochemistry ECE Topic : Describe & discuss the clinical utility of various serum enzymes as markers of pathological conditions (BI2.5)	Biochemistry ECE Topic : Describe & discuss the clinical utility of various serum enzymes as markers of pathological conditions (BI2.5)	Anatomy Revision Embryology Models	Anatomy Revision Embryology Models	Practical P Revision Hematology practical	Practical P Revision Hematology practical
Friday	6	Physiology SGD Topic : Describe and discuss structure and functions of reticular activating system, autonomic nervous system (ANS) (PY10.5)	Physiology SGD Topic : Describe and discuss structure and functions of reticular activating system, autonomic nervous system (ANS) (PY10.5)	Anatomy Revision Histology	Anatomy Revision Histology	Anatomy Revision Histology	Biochemistry DOAP Topic: Perform urine analysis to estimate & determine abnormal constituents (BI11.4)	Biochemistry DOAP Topic: Perform urine analysis to estimate & determine abnormal constituents (BI11.4)

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Saturday	7	Community Medicine L Topic : Describe the characteristics of agent, host and environmental factors in health and disease and the multi factorial etiology of disease-epidemiological triad (CM1.3)	Physiology SGD Topic : Describe and discuss structure and functions of reticular activating system, autonomic nervous system (ANS) (PY10.5)	Physiology SGD Topic : Describe and discuss structure and functions of reticular activating system, autonomic nervous system (ANS) (PY10.5)	Anatomy Revision Upper Limb	Anatomy Revision Upper Limb	Community Medicine SGD Topic : Describe the Socio-cultural factors related to Health (CM 2.2) Problem Based Learning	
Sunday	8	SUNDAY						
Monday	9		Term Exam		Anatomy Exam Term -I			
Tuesday	10	Term Exam			Anatomy Exam Term -I			
Wednesday	11			Term Exam Practical	Term Exam Practical		Term Exam Practical	Term Exam Practical
Thursday	12			Term Exam Practical	Physiology Exam Term I		Term Exam Practical	Term Exam Practical
Friday	13	Physiology L Topic : Describe the functional anatomy of heart including chambers, sounds" & Pacemaker tissue	Physiology L Topic : Describe the structure and functions of digestive system (PY4.1)	Anatomy SGD+DOAP Demonstration - Sternum, Ribs Topic : Identify and describe the salient	Anatomy SGD+DOAP Demonstration - Sternum, Ribs Topic : Identify and describe the salient	Anatomy SGD+DOAP Demonstration - Sternum, Ribs Topic : Identify and describe the salient	Biochemistry DOAP Topic: Perform urine analysis to estimate & determine abnormal constituents (BI11.4)	Biochemistry DOAP Topic: Perform urine analysis to estimate & determine abnormal constituents (BI11.4)

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		and conducting system. (PY 5.1)		features of sternum, typical rib, 1 st rib and typical thoracic vertebra AN21.1	features of sternum, typical rib, 1 st rib and typical thoracic vertebra AN21.1	features of sternum, typical rib, 1 st rib and typical thoracic vertebra AN21.1		
Saturday	14	Community Medicine L Topic : Describe the characteristics of agent, host and environmental factors in health and disease and the multi factorial etiology of disease (CM1.3)	Physiology L Topic :) Describe the properties of cardiac muscle including its morphology, electrical, mechanical and metabolic functions. (PY 5.2)	Physiology L Topic : Describe the Gut - Brain Axis (PY4.6)	Anatomy SGD+DOAP Demonstration - Ribs Topic : Identify and describe the salient features of sternum, typical rib, 1 st rib and typical thoracic vertebra AN21.1	Anatomy SGD+DOAP Demonstration - Ribs Topic : Identify and describe the salient features of sternum, typical rib, 1 st rib and typical thoracic vertebra AN21.1	Topic : AETCOM Module 1.2 Visit to Hospital	
Sunday	15							
Monday	16	Biochemistry L Topic: Describe the functions of various minerals in the body, their metabolism & homeostasis (BI6.9)	Physiology L Topic :) Describe the properties of cardiac muscle including its morphology, electrical, mechanical and metabolic functions. (PY 5.2)	Anatomy SGD+DOAP Demonstration - Vertebrae Topic : Identify and describe the salient features of sternum, typical rib, 1 st rib and typical thoracic vertebra AN21.1	Anatomy SGD+DOAP Topic : Identify & describe the features of 2 nd , 11 th and 12 th ribs, 1 st , 11 th and 12 th thoracic vertebrae AN21.2	Anatomy SGD+DOAP Topic : Identify & describe the features of 2 nd , 11 th and 12 th ribs, 1 st , 11 th and 12 th thoracic vertebrae AN21.2	Anatomy L Development of respiratory system Topic : Describe development of pleura, lung & heart AN25.2	Anatomy L Walls of thorax Topic : Describe & demonstrate extent, attachments, direction of fibres, nerve supply and actions of intercostal muscles AN21.4 Topic : Describe & demonstrate origin, course, relations and branches of a typical intercostal nerve AN21.5 Topic : Mention origin, course and branches/ tributaries of: 1) anterior & posterior intercostal vessels 2) internal thoracic vessels

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								AN21.6 Topic : Mention the origin, course, relations and branches of 1) atypical intercostal nerve 2) superior intercostal artery, subcostal artery AN21.7
Tuesday	17	Physiology L Topic : Describe the composition, mechanism of secretion, function, and regulation of saliva, gastric , pancreatic, intestinal juices and bile secretion (PY4.2)	Biochemistry L Topic: Describe the biological role of vitamins in the body and explain the manifestations of their deficiency (BI6.5)	Physiology L Topic :) Describe the properties of cardiac muscle including its morphology, electrical, mechanical and metabolic functions. (PY 5.2)	Anatomy Wall of thorax Topic : Describe & demonstrate the boundaries of thoracic inlet, cavity and outlet AN21.3	Anatomy Topic : Describe & demonstrate extent, attachments, direction of fibres, nerve supply and actions of intercostal muscles AN21.4	Anatomy Arygos system Topic : Describe & demonstrate origin, course, relations, tributaries and termination of superior venacava, azygos, hemiazygos and accessory hemiazygos veins AN23.3	Anatomy L Trachea & Lymphatic duct Topic : Describe the extent, length, relations, blood supply, lymphatic drainage and nerve supply of trachea AN24.6 Topic : Mention the extent, relations and applied anatomy of lymphatic duct AN23.7
Wednesday	18	Anatomy L Development of cardiovascular system I Topic : Describe embryological basis of: atrial septal defect, 2) ventricular septal defect, 3) Fallot's tetralogy &4) tracheo-oesophageal fistula AN25.4	Anatomy L Development of cardiovascular system II Topic : Describe embryological basis of: atrial septal defect, 2) ventricular septal defect, 3) Fallot's tetralogy &4) tracheo-oesophageal fistula AN25.4	Physiology L Topic :) Describe the properties of cardiac muscle including its morphology, electrical, mechanical and metabolic functions. (PY 5.2)	Physiology L Topic : Describe the composition, mechanism of secretion, function, and regulation of saliva, gastric , pancreatic, intestinal juices and bile secretion (PY4.2)	Biochemistry Exam Term I	Practical P Ergography (PY 3.14)	Practical P Ergography (PY 3.14)

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Thursday	19			Term Biochemistry		Biochemistry SGD Topic: Describe the functions of various minerals in the body, their metabolism & homeostasis (BI6.9)	Term Biochemistry	Term Biochemistry
Friday	20	Physiology L Topic : Discuss the events occurring during the cardiac cycle (PY5.3)	Physiology L Topic : Describe GIT movements , regulation and functions. Describe defecation reflex. Explain role of dietary fibre. (PY4.3)	Anatomy Walls of thorax Topic : Describe & demonstrate origin, course, relations and branches of a typical intercostal nerve AN21.5	Anatomy Walls of thorax Topic : Mention origin, course and branches/ tributaries of: 1) anterior & posterior intercostal vessels 2) internal thoracic vessels AN21.6	Anatomy Walls of thorax Topic : Mention the origin, course, relations and branches of 1) atypical intercostal nerve 2) superior intercostal artery, subcostal artery AN21.7	Biochemistry DOAP Topic: Identify abnormal constituents in urine, interpret the findings & correlate these with pathological states (BI11.20)	Biochemistry DOAP Topic: Identify abnormal constituents in urine, interpret the findings & correlate these with pathological states (BI11.20)
Saturday	21	Community Medicine L Topic : Describe & discuss the natural history of disease (CM1.4)	Physiology L Topic : Discuss the events occurring during the cardiac cycle (PY5.3)	Physiology L Topic : Describe GIT movements , regulation and functions. Describe defecation reflex. Explain role of dietary fibre. (PY4.3)	Anatomy Walls of thorax Topic : Mention origin, course and branches/ tributaries of: 1) anterior & posterior intercostal vessels 2) internal thoracic vessels AN21.6	Anatomy Walls of thorax Topic : Mention the origin, course, relations and branches of 1) atypical intercostal nerve 2) superior intercostal artery, subcostal artery AN21.7	Community Medicine SGD Topic : Agent Host Environment Interaction	
Sunday	22	SUNDAY						

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Monday	23	Biochemistry L Topic: Describe the biological role of vitamins in the body and explain the manifestations of their deficiency (BI6.5)	Physiology L Topic : Discuss the events occurring during the cardiac cycle (PY5.3)	Anatomy Topic : ECE (Basic Correlation) Describe anatomical basis of ischaemic heart disease AN22.4	Anatomy Topic : ECE (Basic Correlation) Describe anatomical basis of ischaemic heart disease AN22.4	Anatomy Topic : ECE (Basic Correlation) Describe anatomical basis of ischaemic heart disease AN22.4	Anatomy L Mediastinum Topic : Mention boundaries and contents of the superior, anterior, middle and posterior mediastinum AN21.11	Anatomy L Pleura Topic : Mention the blood supply, lymphatic drainage and nerve supply of pleura, extent of pleura and describe the pleural recesses and their applied anatomy AN24.1
Tuesday	24	Physiology L Topic : Describe the composition, mechanism of secretion, function, and regulation of saliva, gastric , pancreatic, intestinal juices and bile secretion (PY4.2)	Biochemistry SDL Topic: Describe the functions of various minerals in the body, their metabolism & homeostasis (BI6.9)	Anatomy Pleura Topic : Mention the blood supply, lymphatic drainage and nerve supply of pleura, extent of pleura and describe the pleural recesses and their applied anatomy AN24.1	Anatomy Pleura Topic : Mention the blood supply, lymphatic drainage and nerve supply of pleura, extent of pleura and describe the pleural recesses and their applied anatomy AN24.1	Anatomy Pleura Topic : Mention the blood supply, lymphatic drainage and nerve supply of pleura, extent of pleura and describe the pleural recesses and their applied anatomy AN24.1	Anatomy L Cardiovascular system III Topic : Describe developmental basis of congenital anomalies, transposition of great vessels, dextrocardia, patent ductus arteriosus and coarctation of aorta AN25.5	Anatomy SDL Respiratory system Topic : Describe & demonstrate mechanics and types of respiration AN21.9 (Horizontal Integration – Physiology)
Wednesday	25	HOLIDAY						
Thursday	26	Biochemistry SGD Topic: Describe the functions of various minerals in the body, their metabolism & homeostasis (BI6.9)	Biochemistry L Topic: Describe the biological role of vitamins in the body and explain the manifestations of their deficiency (BI6.5)	Physiology SGD Topic : Discuss the events occurring during the cardiac cycle (PY5.3)	Anatomy Pleura Topic : Mention the blood supply, lymphatic drainage and nerve supply of pleura, extent of pleura and describe the pleural recesses and their applied	Anatomy Pleura Topic : Mention the blood supply, lymphatic drainage and nerve supply of pleura and describe	Practical P Amphibian NMP (PY 3.18)	Practical P Amphibian NMP (PY 3.18)

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					anatomy AN24.1	the pleural recesses and their applied anatomy AN24.1		
Friday	27	Physiology SGD Topic : Describe generation, conduction of cardiac impulse (PY 5.4)	Physiology SGD Topic : Describe the composition, mechanism of secretion, function, and regulation of saliva, gastric , pancreatic, intestinal juices and bile secretion (PY4.2)	Anatomy L Lung Topic : Mention the blood supply, lymphatic drainage and nerve supply of lungs AN24.5	Anatomy Lung Topic : Describe a bronchopulmonary segment AN24.3 (Vertical Integration – General Medicine)	Anatomy Topic : Identify phrenic nerve & describe its formation & distribution AN24.4	Biochemistry DOAP Topic: Identify abnormal constituents in urine, interpret the findings & correlate these with pathological states (BI11.20)	Biochemistry DOAP Topic: Identify abnormal constituents in urine, interpret the findings & correlate these with pathological states (BI11.20)
Saturday	28	Community Medicine L Topic : Describe the application of interventions at various levels of prevention-concept of control and prevention (CM1.5)	Physiology L Topic : Describe the physiology of electrocardiogram (E.C.G), its applications and the cardiac axis. (PY 5.5)	Physiology SGD Topic : Describe the composition, mechanism of secretion, function, and regulation of saliva, gastric , pancreatic, intestinal juices and bile secretion (PY4.2)	Anatomy Topic : Identify phrenic nerve & describe its formation & distribution AN24.4	Anatomy Lung Topic : Mention the blood supply, lymphatic drainage and nerve supply of lungs AN24.5	Community Medicine SGD/PBL Topic : Dynamics of Disease Transmission	
Sunday	29	WINTER VACATION						
Monday	30	WINTER VACATION						
Tuesday	31	WINTER VACATION						

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