HAMDARD INSTITUTE OF MEDICAL SCIENCES AND RESEARCH

GURU RAVIDAS MARG, HAMDARD NAGAR, NEW DELHI

MBBS 1st Professional Time Table – 2024-25

14/10/2024-ORIENTATION PROGRAMME

15/10/2024-25/10/2024- FOUNDATION COURSE

OCTOBER - 2024

Date / Day	8am to 9am	9am to 10am	10am to 12am	12pm-1pm	2pm to 4pm
28.10.2024 Monday	AN1.1: Anatomical minology – cture	Introduction to biochemistry - lecture	AN1.1: Anatomical terminology – Demonstration	PY1.1 Introduction to Physiology; Describe the structure and functions of a cell, intercellular communication and their applications in Clinical care and research- Lecture	AN1.1: Anatomical terminology A1A2 batch – Demonstration B1B2 Batch PY 3.7 Introduction to Human/Amphibian Physiology lab and instruments.
29.10.2024 Tuesday	PY1.1 Describe the structure and functions of a cell, intercellular communication and their applications in Clinical care and research- Lecture	AN 1.2, 2.1,2.2,2.3: General Features of Bone-Lecture VI- ORTHO	AN 2.1:General features of bones- Demonstration		AN1.1: Anatomical terminology B1B2 batch – Demonstration A1A2 Batch PY 3.7 Introduction to Human/Amphibian Physiology lab instruments.
30.10.2024 Wednesday	BC1.1: Describe the molecular and functional organization of a cell and its sub celullar components and composition and functions of	AN 2.5,2.6 General Features of Joints- Lecture VI- ORTHO	AN 2.5,2.6 General Features of Joints- Demonstration	AETCOM	B1B2 Batch PY 2.11: Collection of blood sample and instruments used in haematology laboratory. Introduction to

	biological membranes- Lecture				biochemistry Lab -PRACTICAL (batch A1A2)
31.10.2024 Thursday	HOLIDAY DIWALI				
NOVEMBER-2024					
Date / Day	**8am to 9am**	**9am to 10am**	**10am to 12pm**	**12pm-1pm**	**2pm to 4pm**
1.11.2024 Friday	CM 1.1:Define and describe the concept of Public Health- Lecture	AN 2.5,2.6 General Features of Joints- Lecture VI- ORTHO	FAMILY ADOPTION PROGRAM		AN 2.5,2.6 General Features of Joints- Demonstration
2.11.2024 Saturday	BC1.1: Describe the molecular and functional organization of a cell and its sub celullar components and composition and functions of biological membranes- SDL	AN3.1,3.2,3.3: General Features of Muscles – Lecture HI- Physiology	PY1.2 Discuss the principles of homeostasis and feedback mechanism- Lecture	SGT 1.1	AN3.1,3.2,3.3: General Features of Muscles – Demonstration
4.11.2024 Monday	AN3.1,3.2,3.3: General Features of Muscles – Lecture HI- Physiology	BC6.1: Enumerate the functions and components of the extracellular matrix (ECM)- Lecture	AN3.1,3.2,3.3: General Features of Muscles- SDL	PY1.3 Describe apoptosis (programmed cell death) , explain its mechanism of action and physiological significance- Lecture	AN 2.1-2.6 General Features of Bones & Joint A1A2 batch B1B2 Batch PY 2.1: Introduction to Microscope and Haemocytometry.
5.11.2024 Tuesday	PY1.4 Describe and discuss various transport mechanisms across cell Membranes- Lecture	AN4.1,4.2,4.3,4.4,4.5: General features of skin and fascia- Lecture VI- Derma	AN4.1,4.2,4.3, 4.4,4.5: General features of skin and fascia- demonstration	AN14.1,14.2- Hip ıe- Demonstration	AN 2.1-2.6 General Features of Bones & Joint B1B2 batch A1A2 Batch PY 2.11: Collection of blood sample and instruments used in haematology laboratory.

6.11.2024 Wednesday	**BC6.2: Discuss the involvement of ECM components in health and disease- lecture**	**AN 5.1, 5.2, 5.3 5.4, 5.5,5.6,5.7,5.8:General features of the cardiovascular system – Lecture** **HI-Physio.** **VI- GM & Patho**	**AN 5.1, 5.2, 5.3 ,5.6,5.7,5.8:Gener atures of the diovascular syste** **Demonstration**	**PY1.6 Describe the concept of pH & Buffer systems in the body- SGT**	**BC 14.1: Introduction to laboratory apparatus, Good Lab practices, Biomedical waste management-** **Practical** **A1A2 batch** **B1B2 Batch PY 2.11: Introduction to Microscope and hemocytometry. (Revision and hands on)**
7.11.2024 Thursday	**AN 5.1, 5.2, 5.3 5.4, 5.5,5.6,5.7,5.8:Gene ral features of the cardiovascular system – Lecture** **HI-Physio.** **VI- GM & Patho**	**PY1.5 Describe the fluid compartments of the body, its ionic composition & measurement methods- Lecture**	**AN14.1- Hip ıe-** **Demonstration**	**BC6.3: Describe protein targeting & sorting along with its associated disorders- Lecture**	**BC 14.1: Introduction to laboratory apparatus, Good Lab practices, Biomedical waste management-** **Practical** **B1B2 batch** **A1A2 Batch PY 2.1: Introduction to Microscope and Haemocytometry** **+** **Introduction to Microscope and hemocytometry. (Revision and hands on)**

8.11.2024 Friday	CM 1.2:Define health; describe the concept of holistic health including concept of spiritual health and the relativeness & determinants of health-Lecture	LectureAN6.1,6.2,6.3: General Features of lymphatic system – Lecture. VI- Gen. Surg	SGT	PY1.3-1.5 SGT	LectureAN6.1,6.2,6.3: General Features of lymphatic system – Demonstration
11.11.2024 Monday	AN7.1,7.2,7.3,7.4,,7.5,7.6,7.7,7.8:Introduction to the nervous system- Lecture. HI- Physio.	BC3.1 Discuss and differentiate monosaccharides, di-saccharides and polysaccharides with examples, their importance as energy fuel, structural element, and storage molecule in human body- Lecture	AN7.1,7.2,7.3, 7.4,,7.5,7.6,7.7, 7.8:Introduction to the nervous system- Demonstration	PY1.7 Describe the molecular basis of resting membrane potential (RMP) and generation of action potential in a nerve fibre- Lecture	Anatomy tutorial A1A2 batch B1B2 Batch PY 2.12 Demonstration of ESR and PCV estimation.
12.11.2024 Tuesday	PY2.1 Describe the composition and functions of blood and its components- Lecture	Anatomy Tutorial	AN14.1- Hip ıe- Demonstratio	AN20.7: Bony Landmarks of lower limb- Demonstration/ SGT	Anatomy tutorial B1B2- Batch A1A2 Batch PY 2.12 Demonstration of ESR and PCV estimation.
13.11.2024 Wednesday	BC5.1: Discuss briefly structure of amino acids and classify amino acids on the basis of Nutritional and Metabolic significance- Lecture	AN76.1, 76.2: Introduction to embryology- Embryology Lecture	AN14.1,14.2,14.3- Femur- Demonstration	PY1.7 Describe the molecular basis of resting membrane potential (RMP) and generation of action potential in a nerve fibre- SGT	BC 14.5 &18:Paper chromatography &TLC- Practical (A1A2 batch) B1B2 Batch PY 2.12 Demonstration of Osmotic Fragility measurement.

14.11.2024 Thursday	**AN15.1,15.2: Front & Medial side of thigh- Lecture**	**PY3.1 Describe the structure and functions of a neuron and neuroglia; Discuss nerve growth factors- Lecture** **PY3.2 Describe the types, functions, properties of nerve fibers including strength duration curve, chronaxie and rheobase- Lecture**	**AN15.1,15.2: Front & Medial side of thigh- dissection/Practical**	**BC5.1: Discuss briefly structure of amino acids and classify amino acids on the basis of Nutritional and Metabolic significance- lecture**	**BC 14.5&18: Paper chromatography &TLC &electrophoresis (B1B2 batch)** **A1A2 Batch PY 2.12 Demonstration of Osmotic Fragility measurement.**
15.11.2024 Friday	**HOLIDAY-GURU NANAK JI'S BIRTHDAY**				
16.11.2024 Saturday	**PY2.3 Describe the physiological structure, synthesis, functions and breakdown of Hemoglobin. Discuss its variants and clinical significance- Lecture**	**AN15.3: Boundaries, floor, roof and contents of femoral triangle- Lecture** **AN15.4:anatomical basis of Psoas abscess & Femoral hernia** **AN15.5:Adductor canal with its content- Lecture** **VI- General Surgery**	**Seminar Biochemistry**		**AN15.1,15.2: Front & Medial side of thigh- Demonstration**
18.11.2024 Monday	**16.1,16.2,16.3:Gluteal gion & Back of thigh- Lecture** **VI- General Surgery**	**BC5.2: Discuss classification of proteins, structural organization, functions and clinical aspects- Lecture**	**AN15.3: Boundaries, floor, roof and contents of femoral triangle** **dissection/Demonstration**	**PY3.3 Classify nerve injury and discuss the mechanism of degeneration and regeneration in peripheral nerves- Lecture**	**stology Practical A1A2- Batc (Introduction to Histology)** **B1B2 Batch PY2.11 Estimation of Hb.**
19.11.2024 Tuesday	**PY3.3 Classify nerve injury and discuss the mechanism of degeneration and regeneration in peripheral**	**AN16.24,16.5,16.6: Gluteal region & back of thigh Lecture** **VI- General Surgery**	**AN15.5:Adductor canal with its content** **dissection/De**	**AN14.1,14.3- Tibia Demonstration**	**stology Practical B1B2- Batc (Introduction to Histology)** **A1A2 Batch PY2.11 Estimation of Hb.**

	nerves- Lecture		monstration		
20.11.2024 Wednesday	BC5.4: Describe plasma proteins and their functions and brief overview of normal and abnormal electrophoretic pattern of serum proteins, acute phase proteins- lecture	AN77.1,11.2:Gametogenesis and Fertilization - Embryology Lecture VI-Obs & Gynae	AN16.1,16.3,16.3:Gluteal region & Back of thigh- dissection/Practical	PY2.3 Describe the physiological structure, synthesis, functions and breakdown of Hemoglobin. Discuss its variants and clinical significance- SGT	B1B2 Batch Test for certification of PY2.11 Estimation of Hb. BC 14.3: Physical and chemical characteristics of normal and abnormal urine, urine dipstick, urinometer-Practical (Batch A1A2)
21.11.2024 Thursday	AN17.1,17.2,17.3:Hip Joint-Lecture VI- Ortho	PY2.4 Describe Erythropoiesis & discuss its regulation in physiological and hological situations- Lectu	AN16.1,16.3,16.3:Gluteal region & Back of thigh- Demonstration/SGT	BC5.4: Describe plasma proteins and their functions and brief overview of normal and abnormal electrophoretic pattern of serum proteins, acute phase proteins- lecture	A1A2 Batch Test for certification of PY2.11 Estimation of Hb. BC 14.3: Physical and chemical characteristics of normal and abnormal urine, urine dipstick, urinometer-Practical (Batch B1B2)
22.11.2024 Friday	CM 1.3:Describe the characteristics of agent, host and environmental factors in health and disease and the multi factorial etiology of disease- Lecture	AN65.1,65.2: Epithelium- Histology Lecture	SGT	PY2.4 Describe Erythropoiesis & discuss its regulation in physiological and pathological situations- SGT	AN17.1,17.2,17.3:Hip Joint- dissection/Demonstration //SGT
25.11.24 Monday	Anatomy tutorial	BC5.5: Describe the structure, functions and disorders of Immunoglobulins with brief description of cellular and humoral Immunity- Lecture	AN14.1- Tibia Demonstration	PY3.4 Describe the microscopic structure of neuro-muscular junction (NMJ) and mechanism of neuromuscular transmission- Lecture	AN65.1,65.2 Simple Epithelium- HistologyPractical A1A2-Batch B1B2 Batch PY 3.11: Perform Ergography and calculate the work done by a skeletal muscle.

26.11.2024 Tuesday	**PY2.5 Describe anaemias, polycythemia & jaundice and discuss its physiological principles of management- Lecture**	**AN 18.1,18.2,18.3: Anterior compartment of leg & dorsum of foot- Lecture**	**AN 18.1,18.2,18.3: Anterior compartment of leg & dorsum of foot- dissection/Practical**	**AN14.1, 14.3- Fibula Demonstration**	**AN65.1,65.2 Simple Epithelium- HistologyPractical B1B2-Batch** **A1A2 Batch PY 3.11: Perform Ergography and calculate the work done by a skeletal muscle.**
27.11.2024 Wednesday	**BC5.5: Describe the structure, functions and disorders of Immunoglobulins with brief description of cellular and humoral Immunity- lecture**	**AN77.3: Gametogenesis and fertilization- Embryology Lecture** **VI – Obs. Gyn**	**AN 18.1,18.2,18.3: Anterior compartment of leg & dorsum of foot- Demonstration/ SGT**	**PY3.4 Describe the microscopic structure of neuro-muscular junction (NMJ) and mechanism of neuromuscular transmission- SGT**	**BC 14.4: Qualitative analysis of abnormal urine -Practical Batch A1A2** **B1B2 Batch Test for certification of PY 3.11: Perform Ergography and calculate the work done by a skeletal muscle.**
28.11.2024 Thursday	**AN18.4,18.5,18.6,18.7:Knee joint- Lecture** **VI- Ortho**	**PY3.5 Discuss the applied aspects of neuromuscular junction : myasthenia gravis, Lambert Eaton syndrome and neuromuscular blocking agents- Lecture**	**AETCOM- The cadaver as our first teacher**	**BC2.1: Explain fundamental concepts of enzyme, isoenzyme and coenzyme. Enumerate the main classes of IUBMB nomenclature- lecture**	**BC 14.4: Qualitative analysis of abnormal urine -Practical Batch B1B2** **A1A2 Batch Test for certification of PY 3.11: Perform Ergography and calculate the work done by a skeletal muscle.**
29.11.2024 Friday	**CM 1.3:Describe the characteristics of agent, host and environmental factors in health and disease and the multi factorial etiology of disease- SGD**	**AN65.1,65.2: Epithelium- Histology Lecture**	**SGT**	**PY2.2 Discuss the origin, forms, variations and functions of plasma proteins and its clinical implications** **- SDL**	**AN18.4,18.5,18.6,18.7:Knee joint dissection/Demonstration**
30.11.2024 Saturday	**BC2.1: Explain fundamental concepts of enzyme, isoenzyme and coenzyme. Enumerate the**	**AN19.1,19.2,19.3,19.4: Back of leg-Lecture**	**PY3.5 Discuss the applied aspects of neuromuscular junction : myasthenia**	**PY2.5 Describe anaemias, polycythemia & jaundice and discuss its physiological**	**AN19.1,19.2,19.3,19.4: Back of leg dissection/Practical**

	main classes of IUBMB nomenclature- lecture		gravis, Lambert Eaton syndrome and neuromuscular blocking agents- ECE	principles of management- ECE	

DECEMBER- 2024

Date / Day	8am to 9am	9am to 10am	10am to 12am	12pm-1pm	2pm to 4pm
2.12.2024 Monday	AN19.1,19.2,19.3,19.4,: Sole of foot- Lecture	BC2.2: Describe and explain the basic principles of enzyme activity- lecture	AN19.1,19.2,19.3,19.4: Back of leg Demonstration/SGT	PY2.6 Describe the formation of WBC (Leucopoiesis), structure and function of various WBC types and their regulatory mechanisms- Lecture	AN65.1,65.2 Compound Epithelium- HistologyPractical A1A2- Batch B1B2 Batch PY2.11 : Estimation of RBC count.
3.12.2024 Tuesday	PY3.6 Describe the different types of muscle fibres, their structure and physiological basis of action potential- Lecture	AN19.5,19.6,19.7: Arches of Foot -Lecture VI-ORTHO	AN19.1,19.2,19.3,19.4,: Sole of foot- dissection/Practical	AN 14.1,14.2,14.4- Articulated foot- Demonstration	AN65.1,65.2 Compound Epithelium- HistologyPractical B1B2- Batch A1A2 Batch PY2.11 : Estimation of RBC count.
4.12.2024 Wednesday	BC2.2: Describe and explain the basic principles of enzyme activity- SGT	AN77.4.77.5,77.6: Gametogenesis and fertilization- Embryology Lecture VI – Obs. Gyn	AN19.1,19.2,19.3,19.4,: Sole of foot- Demonstration/SGT	PY2.6 Describe the formation of WBC (Leucopoiesis), structure and function of various WBC types and their regulatory mechanisms- SGT	BC 14.6Principles of colorimeter spectrophotometer- Practical (A1A2 batch) B1B2 Batch PY 2.11 Calculation of RBC indices.

5.12.2024 Thursday	**AN20.1,20.2: Joints of lower limb- Lecture**	**PY3.7 Describe properties, action potential and molecular basis of muscle contraction in skeletal muscle- Lecture**	**AN20.1,20.2: SDL- Joints of lower limb**	**BC2.3: Describe and discuss enzyme Inhibition and role of enzymes or drugs as Inhibitors, and enzymes as therapeutic agents- Lecture**	**A1A2 Batch PY 2.11 Calculation of RBC indices.** **BC 14.6Principles of colorimeter spectrophotometer- Practical (B1B2 batch)**
6.12.2024 Friday	**CM 1.4: Describe and discuss the natural history of disease-Lecture**	**AN 66.1, 66.2- Connective Tissue Histology - Lecture**	**FAMILY ADOPTION PROGRAM**		**AN20.8,20.9: Surface marking of lower limb- SGT/Demonstration**
7.12.2024 Saturday	**BC5.9: Describe the major types of Hemoglobin and its types, derivatives & variants found in the body and their physiological / pathological relevance- Lecture**	**AN20.3,20.4,20.5:General features limb(Venous & lymphatic- Drainage)- Lecture** **VI- General Surgery**	**Visit to blood bank**	**PY3.7 Describe properties, action potential and molecular basis of muscle ntraction in skeletal muscle- Lecture**	**AN20.3,20.4,20.5:General features limb(Venous Drainage) - Demonstration**
9.12.2024 Monday	**Anatomy tutorial/ Home assignment**	**BC5.9: Describe the major types of Hemoglobin and its types, derivatives & variants found in the body and their physiological / pathological relevance- SGT**	**AN20.6: Radiology of lower limb- SGT/Demonstration**	**PY3.8 Describe properties, action potential and molecular basis of muscle contraction in smooth muscle- Lecture**	**AN 66.1, 66.2- Connective Tissue Histology Practical A1A2 batch** **B1B2 Batch Test for certification of PY2.11 :**

					Estimation of RBC count and calculation of RBC indices.
10.12.2024 Tuesday	PY2.7 Discuss 'Immunity' in terms of its types, development, regulation and physiological significance- Lecture	PCT- General Anatomy & Lower Limb	PCT- General Anatomy & Lower Limb	PCT- General Anatomy & Lower Limb	AN 66.1, 66.2- Connective Tissue Histology Practical B1B2 batch A1A2 Batch Test for certification of PY 2.11 : Estimation of RBC count and calculation of RBC indices.
11.12.2024 Wednesday	BC5.8: Describe the structure and functions of haem in the body and describe the processes involved in its metabolism with emphasis on jaundice and describe porphyrin metabolism- Lecture	AN78.1, 78.2: Second Week of Development – Embryology Lecture	AN8.1,8.2- clavicle- Demonstration	PY3.7 Describe properties, action potential and molecular basis of muscle ntraction in skeletal muscle- SDL	B1B2 Batch PY 2.11 : Estimation of TLC. BC 14.11:Estimation of serum proteins, albumin and A:G ratio.-Practical (Batch A1A2)
12.12.2024 Thursday	AN9.1,10.11: Pectoral region- Lecture	PY3.9 Describe the mode of muscle contraction (isometric and isotonic), energy source, muscle metabolism and gradation of muscular activity- Lecture	AN9.1,10.11: Pectoral region- Dissection/demonstration	BC5.8: Describe the structure and functions of haem in the body and describe the processes involved in its metabolism with emphasis on jaundice and describe porphyrin metabolism- SGT	A1A2 Batch PY2.11 : Estimation of TLC. BC 14.11:Estimation of serum proteins, albumin and A:G ratio.-Practical (Batch B1B2)
13.12.2024 Friday	CM 1.5:Describe the application of interventions at various levels of	AN67.1,67.2,67.3: Muscle Histology – Lecture VI-Physio	SGT	PY2.7 Discuss 'Immunity' in terms of its types, development,	AN9.1,10.11: Pectoral region- Dissection/demonstration

	Prevention- SGD			regulation and physiological significance- SGT	
16.12.2024 Monday	AN 9.2- Mammary gland AN9.3: Development of breast- Lecture VI- Surgery	BC5.8: Describe the structure and functions of haem in the body and describe the processes involved in its metabolism with emphasis on jaundice and describe porphyrin metabolism-lecture	AN8.1,8.2: Scapula- Demonstration	PY2.8 Describe the formation of platelets (thrombopoiesis), structure, functions and variations- Lecture	AN67.1,67.2,67.3: Muscles- HistologyPractical A1A2- Batch B1B2 Batch Test for certification of PY2.11 : Estimation of TLC.
17.12.2024 Tuesday	PY2.9 Describe hemostasis, coagulation pathways, mechanism of action of anticoagulants and briefly discuss pathophysiological aspects of bleeding & clotting disorders (e.g. hemophilia, purpura)- Lecture	AN10.1,10.2,10.4,10.7 :Axilla, Shoulder and Scapular region – Lecture VI- Surg	AN10.1,10.2 ,10.4,10.7:A xilla, Shoulder and Scapular region – Dissection/ on	AN10.1,10.2,10. 4,10.7:Axilla, Shoulder and Scapular region – Dissection/ Demonstration	AN67.1,67.2,67.3: Muscles- HistologyPractical B1B2- Batch A1A2 Batch Test for certification of PY2.11 : Estimation of TLC.
18.12.2024 Wednesday	BC2.4: Describe and discuss the clinical utility of various serum enzymes in laboratory and their use as markers of various pathological conditions- Lecture	AN78.3, 78.4,78.5: Second Week of Development – Embryology Lecture	AN10.1,10.2, 10.4,10.7: Shoulder & Scapular Dissection/ on	PY2.9 Describe hemostasis, coagulation pathways, mechanism of action of anticoagulants and briefly discuss pathophysiological aspects of bleeding & clotting disorders (e.g. hemophilia, purpura)- SGT	B1B2 Batch PY 2.11 Estimation of Blood group and BT/CT. BC 14.3: OSPE (urine dipstick, urinometer)-practical (Batch A1A2)
19.12.2024 Thursday	AN10.3,10.5,10.6,10. 13:Axilla, Shoulder	PY2.10 Discuss types of blood groups,	AN10.3,10.5	BC2.5: Interpret laboratory	A1A2 Batch PY 2.11 Estimation of Blood group and BT/CT.

	and Scapular region- Brachial Plexus-Lecture	clinical importance of blood grouping, blood banking and transfusion- Lecture	Shoulder and Scapular Dissection/ on	results of enzymes in various disorders- Lecture	BC 14.3: OSPE (urine dipstick, urinometer)-practical (Batch B1B2)
20.12.2024 Friday	CM 1.6: Describe and discuss the concepts, the principles of Health promotion and Education, IEC and Behavioral change communication (BCC)-Lecture	AN69.1,69.2,69.3 :Histology of Blood vessels -Lecture	BC2.4,2.5: Describe and discuss the clinical utility of various serum enzymes in laboratory and interpret laboratory results of enzymes in various disorders- SGT	PY2.5-2.9 Integration with Dept of Pathology	AN8.1,8.2: Humerus- Demonstration
21.12.2024 Saturday	PY3.10 Enumerate and briefly discuss myopathies- Lecture	AN10.8,10.9,1010: Axilla, Shoulder and Scapular region- Lecture	AETCOM		AN10.8,10.9,10.10: Shoulder and Scapular- dissection/ on
23.12.2024 Monday	AN10.12:Shoulder joint- Lecture VI- Ortho	BC4.1: Describe and discuss main classes of lipids and their functions- Lecture	Anatomy Semina	Nerve Muscle- Class Test	AN69.1,69.2,69.3 : Blood vessel Histology Practical-A1A2 batch B1B2 Batch Test for certification of PY 2.11 : Blood grouping and BT/CT.
24.12.2024 Tuesday	PY2.9 SDL	Research presentation	AN8.1,8.2: Radius- demonstration	AN10.12: Shoulder joint- dissection/ demonstration	AN69.1,69.2,69.3 : Blood vessel Histology Practical-B1B2 batch A1A2 Batch Test for

					certification of PY 2.11 : Blood grouping and BT/CT.
25.12.2024 Wednesday	HOLIDAY- CHRISTMAS				
26.12.2024 Thursday	AN 11.1 11.2,11.3.11.4 11.5,11.6: Arm & Cubital fossa- Lectur VI-Ortho	Hematology- Class Test	AN11.1 2,11.3.11.4, 11.5: Arm & Cubital fossa- Dissection/ Demonstration	BC4.2: Describe the digestion and absorption of dietary lipids and its (associated disorders)- SDL	A1A2 Batch PY 2.13 Demonstration of Platelet count. BC14.11:Estimation of serum protein and Albumin -revision (Batch -B1B2)
27.12.2024 Friday	CM 1.7: Enumerate and describe health indicators-SGD	AN 71.1,:bone & cartilage- Histology Lecture	SGT BIOCHEMI STRY	PY3.10 Enumerate and briefly discuss myopathies Nerve muscle revision- SGT	11.1 11.2,11.3.11.4, 11.5: Arm & Cubital fossa- Dissection/ Demonstration
30.12.2024 Monday	AN 12.1,12.2,12.3: Forearm & Hand- Lecture	BC4.3: Describe and discuss the fatty acid oxidation, metabolism of ketone bodies along with their clinical significance- Lecture	AN 12.1,12.2,12.3: Forearm & Hand- Dissection/ Demonstration	CM 1.8:Describe the Demographic profile of India and discuss its impact on health- SGD	AN 71.1,:bone & cartilage- Histology Practical A1A2 batch B1B2 Batch PY 3.7: Nerve muscle graph and charts in amphibians.
31.12.2024 Tuesday	PY5.1 Describe the functional anatomy of heart including chambers and coronary circulation- Lecture	AN 12.4-12.8: Forearm & nd-Lecture	ECE	ECE	AN 71.1,:bone & cartilage- Histology Practical B1B2 batch A1A2 Batch PY 3.7: Nerve muscle graph and charts in amphibians.

JANUARY- 2025					
Date / Day	**8am to 9am**	**9am to 10am**	**10am to 12am**	**12pm-1pm**	**2pm to 4pm**
1.01.2025 Wednesday	**BC4.4: Describe metabolism of Triglycerides and cholesterol metabolism along with its regulation and clinical significance.- Lecture**	**AN79.179.2:3rd to 8th week of development- Embryology Lecture**	**12.5-12.9: rearm & Hand- section/ Practical/ Demonstration**	**CM 1.9: Demonstrate the role of effective Communication skills in health in a simulated environment - SGD**	**B1B2 Batch PY 3.12: [SVL] - Observe with Computer assisted learning (i)Amphibian nerve-muscle experiments.** **BC 14.7:Estimation of serum glucose by manual / semi autoanalyzer and glucometer-Practical** **(Batch A1A2)**
2.01.20245 Thursday	**AN 12.9-12.10: rearm & Hand- Lecture** **VI- Gen. Sur**	**PY5.2 Describe the properties of cardiac muscle including its morphology, electrical, mechanical and metabolic functions- Lecture**	**AN8.1,8.2: Ulna- nonstration**	**BC4.5: Describe the metabolism of lipoproteins with brief overview of lipoprotein structure, their interrelations & relations with atherosclerosis- Lecture**	**A1A2 Batch PY 3.12: [SVL] - Observe with Computer assisted learning (i)Amphibian nerve-muscle experiments.** **BC 14.7:Estimation of serum glucose by manual / semi autoanalyzer and glucometer-Practical** **(Batch B1B2)**
3.01.2025 Friday	**CM 1.10: Demonstrate the important aspects of the doctor patient relationship in a simulated environment - SGD**	**AN 71.1:bone & carilage- Histology Lecture**	**FAMILY ADOPTION PROGRAM**		**N8.1,8.2,8.3,8.4- Articulated Hand- Demonstration**
4.01.2025 Saturday	**BC4.5: Describe the metabolism of lipoproteins with brief overview of lipoprotein structure, their interrelations & relations with atherosclerosis- Lecture**	**AN 12.11-12.15: Forearm & Hand- Lecture** **VI- Gen. Sur**	**PY10.2 Describe the functional anatomy of autonomic nervous system- Lecture**		**AN 12.11-12.15: Forearm & Hand- dissection/ Demonstration**

	Integration with Medicine				
6.01.2025 Monday	AN13.1,13.2,13.8: General features of upper limb – AN13.8: Development of Upper limb- Lecture	BC3.2: Describe the digestion, absorption and transport of carbohydrates from food along with its disorders- SDL	N13.6,13.7- Surfac narking of upper Limb- Practical/ Demonstration	PY5.3 Describe generation and conduction of cardiac impulse along with the conduction pathway (including pacemaker potential)- Lecture	AN 71.1,:bone & cartilage- Histology Practical A1A2 batch B1B2 Batch PY 3.8: Cardiac graph and charts in amphibians.
7.01.2025 Tuesday	PY7.1 Describe the functional anatomy of kidney and non-excretory functions of kidney- Lecture	AN13.3, 13.4 : Joints of Upper limb-Lecture	AN13.3, 13.4 : Joints of Upper limb- Practical/ Demonstration	AN13.5- Radiology of Upper Limb- Practical/ Demonstration	AN 71.1,:bone & cartilage- Histology Practical B1B2 batch A1A2 Batch PY 3.8: Cardiac graph and charts in amphibians.
8.01.2025 Wednesday	BC3.2: Describe the digestion, absorption and transport of carbohydrates from food along with its disorders- lecture	AN79.3, 79.5.:3rd to 8th week of development- Embryology Lecture	AN53.1: Hip bone - Demonstrate / Practical	PY5.2 and 5.3- SGT	B1B2 Batch PY 3.12: [SVL] - Observe with Computer assisted learning (i)Amphibian cardiac experiments. BC 14.22:Performance of OGTT, glucose challenge test &HbA1c- practical(batch A1A2)

9.01.2025 Thursday	**AN44.1,44.2: Anterior Abdominal Wall** **AN55.1-Sectional Anatomy – Lecture** **VI – General Surgery**	**PY7.2 Describe the structure and functions of juxta glomerular apparatus and role of renin-angiotensin system-Lecture**	**AN44.2: Anterior Abdominal Wall - Dissection**	**BC3.3: Define and briefly describe the pathways of carbohydrate metabolism and their regulation (glycolysis, gluconeogenesis, TCA, and significance of glycogen metabolism and HMP shunt), with associated disorders-Lecture**	**A1A2 Batch PY 3.12: [SVL] - Observe with Computer assisted learning (i)Amphibian cardiac experiments.** **BBC 14.22:Performance of OGTT, glucose challenge test &HbA1c-practical(batch B1B2)**
10.01.2025 Friday	**CM 3.2: Describe concepts of safe and wholesome water, sanitary sources of water, water purification processes (Small scale)-Lecture**	**AN 71.2, AN2.4:bone & cartilage- Histology Lecture**	**BC3.3: Define and briefly describe the pathways of carbohydrate metabolism and their regulation (glycolysis, gluconeogenesis, TCA, and significance of glycogen metabolism and HMP shunt), with associated disorders-SGT**	**PY 7.1 and 7.2 - SGT**	**Library**
13.01.2025 Monday	**AN44.3,44.6,44.7: Anterior Abdominal Wall – Lecture** **VI – General Surgery**	**BC3.3: Define and briefly describe the pathways of carbohydrate metabolism and their regulation (glycolysis, gluconeogenesis, TCA, and significance of glycogen metabolism and HMP shunt), with associated disorders-SGT**	**AN44.3,44.6, : Anterior Abdominal Wall - Demonstrate / Practical**	**PY5.4 Discuss the physiological events occurring during the cardiac cycle, concurrent pressure volume changes, generation of heart sounds and Murmur-Lecture**	**AN 71.2, AN2.4:bone & cartilage- Histology Practical batch A1A2** **B1B2 Batch PY 2.11 Preparation and examination of a peripheral blood film.** .
14.01.2025 Tuesday	**PY5.4 Discuss the physiological**	**AN44.4,44.5: Anterior Abdominal Wall –**	**AN44.4: Anterior**	**AN53.1,53.4-Lumbar vertebra-**	**AN 71.2, AN2.4:bone &**

	events occurring during the cardiac cycle, concurrent pressure volume changes, generation of heart sounds and Murmur- Lecture	Lecture VI – General Surgery	Abdominal Wall – Dissection/ demonstrati on	demonstration	cartilage- Histology Practical batch A1A2 A1A2 Batch PY 2.11 Preparation and examination of a peripheral blood film. .
15.01.2025 Wednesday	BC8.1: Describe the Biochemical role of vitamins in the body and explain the manifestations of their deficiency. (Water soluble vitamins)- Lecture	AN79.4,79.6:3rd to 8th week of development- Embryology Lecture	Embryology practical/ Museum visit	PY5.4 Discuss the physiological events occurring during the cardiac cycle, concurrent pressure volume changes, generation of heart sounds and Murmur- SDL	B1B2 Batch PY 2.11 Differential Leukocyte Count (DLC). BC14.7:OSPE : Glucometer - Practical(batchA1A2)
16.01.2025 Thursday	AN46.1-46.5 Male external genitalia- Lecture VI – General Surgery	PY7.3 Describe the mechanism of urine formation involving processes of filtration (Glomerular filtration), tubular reabsorption & secretion- Lecture	AN46.1-46.3 Male external genitalia- Dissection	BC8.1: Describe the Biochemical role of vitamins in the body and explain the manifestations of their deficiency. (Water soluble vitamins)- lecture	A1A2 Batch PY 2.11 Differential Leukocyte Count (DLC). BC14.7:OSPE : Glucometer - Practical(batchB1B2)
17.01.2025 Friday	CM 3.2: Describe concepts of safe and wholesome water, sanitary sources of water, water purification processes (large scale)-Lecture	AN70.2:Lymphoid tissue Histology - Lecture	SGD BIOCHEMISTRY	PY7.3 Describe the mechanism of urine formation involving processes of filtration (Glomerular filtration), tubular reabsorption & secretion- SGT	Anterior Abdominal wall- SDL
18.01.2025 Saturday	PY5.7;Discuss /haemodynamics of circulatory system- Lecture	AN47.1-47.4 :Abdominal cavity- Lecture	ECE: Anaemia & Heart diseases.		AN47.1-47.2 :Abdominal cavity- Dissection/demonstration

		VI-General Surgery			
20.01.2025 Monday	**Anatomy revision**	**SGT Biochemistry Revision: Cell, ECM , Enzymes**	**Anatomy revision**	**PY5.8 Describe and discuss local and systemic cardiovascular regulatory Mechanisms- Lecture**	**AN70.2:Lymphoid tissue Histology Practical A1A Batch** **B1B2 Batch PY 2.11 : Estimation of Arneth count**
21.01.2025 Tuesday	**PY7.4 Describe the mechanism of urine concentration and dilution (Counter current Multiplier & Exchanger) - Lecture**	**Anatomy revision**	**Anatomy revision**	**Anatomy revision**	**AN70.2:Lymphoid tissue Histology Practical B1B2 Batch** **A1A2 Batch PY 2.11 : Estimation of Arneth count**
22.01.2025 Wednesday	**SGT: Biochemistry Revision Chemistry, immunoglobulin and plasma proteins**	**Embryology revision**	**Anatomy revision**	**PY5.7 and 5.8- SGT**	**B1B2 Batch Test for certification of PY 2.11 : estimation of DLC.** **BC 14.13:Estimation of serum Bilirubin by manual/semi-autoanalyzer method-Practical (batch A1A2)**
23.01.2025 Thursday	**Anatomy revision**	**PY7.4- SDL**	**Anatomy revision**	**SGT: Biochemistry Revision Metabolism of carbohydrates and lipids.**	**A1A2 Batch Test for certification of PY 2.11 : estimation of DLC.** **BC 14.13 :Estimation of serum Bilirubin by manual/semi-autoanalyzer method-Practical (batch B1B2)**

24.01.2025 Friday	**CM 3.2: Describe water quality standards, concepts of water conservation and rainwater harvesting-Lecture**	**AN70.2:Lymphoid tissue Histology - Lecture**	**SGT: Biochemistry Revision Vitamin, Haemoglobin**	**Physiology Revision**	**Anatomy revision**
27.01.2025- 01.02.2025 -FIRST TERM EXAMINATION					
FEBRUARY- 2024					
Date / Day	**8am to 9am**	**9am to 10am**	**10am to 12am**	**12pm-1pm**	**2pm to 4pm**
3.02.2025 Monday	**AN47.5,47.6: Abdominal cavity(Stomach)-Lecture** **VI- General Surgery**	**BC8.2: Discuss the importance of various dietary components and explain importance of dietary fibre-Lecture**	**AN47.5,47.6: Abdominal cavity (Stomach)-Dissection/ Demonstration**	**PY5.5 Describe the physiology of electrocardiogram (E.C.G), the cardiac axis and its applications-Lecture**	**AN70.2:Lymphoid tissue Histology Practical A1A2 Batch** **B1B2 Batch PY 5.15 : Recording and interpretation of ECG.**
4.02.2025 Tuesday	**PY5.5 Describe the physiology of electrocardiogram (E.C.G), the cardiac axis and its applications-Lecture**	**AN47.5,47.6: Abdominal cavity(Spleen)-Lecture** **VI- General Surgery**	**ECE**	**ECE**	**AN70.2:Lymphoid tissue Histology Practical B1B2 Batch** **A1A2 Batch PY 5.15 : Recording and interpretation of ECG.**
5.02.2025 Wednesday	**BC8.2: Discuss the importance of various dietary components and explain importance of dietary fibre-lecture**	**AN80.1:Fetal membranes-Embryology Lecture**	**AN47.5,47.6: Abdominal cavity(Spleen)-Dissection/ Demonstration**	**PY5.5 Describe the physiology of electrocardiogram (E.C.G), the cardiac axis and its applications-SGT**	**BC14.23:Calculate energy contents of different food items and importance of glycaemic index-Practical(batch A1A2)** **B1B2 Batch Test for certification of PY 5.15 : Recording and**

					interpretation of ECG.
6.02.2025 Thursday	**AN47.5,47.6: Abdominal cavity (Liver & EHBA)** **AN47.7: Mention the clinical importance of Calot's triangle)- Lecture** **VI- General Surgery**	**PY7.5 Describe the renal regulation of fluid and electrolytes & acid-base Balance- Lecture**	**AN47.5,47.6: Abdominal cavity(Liver & EHBA)- Dissection/ Demonstration**	**BC8.3: Describe the types and causes of protein energy malnutrition and its effects- Lecture**	**BC14.23:Calculate energy contents of different food items and importance of glycaemic index- Practical(batch B1B2)** **A1A2 Batch Test for certification of PY 5.15 : Recording and interpretation of ECG.**
7.02.2025 Friday	**CM 3.3: Describe the aetiology and basis of water borne diseases /jaundice/hepatitis / diarrheal diseases- Lecture** **VI- Microbiology, General Medicine, Pediatrics**	**AN70.1:Glands Histology -Lecture**	**FAMILY ADOPTION PROGRAM**		**AN47.5,47.6: Abdominal cavity(Liver & EHBA)- Dissection/ Demonstration**
10.02.2025 Monday	**AN47.5: Abdominal cavity(Pancreas)- Lecture**	**BC8.4: Provide dietary advice for optimal health in childhood and adult in disease conditions like diabetes mellitus, coronary artery disease and in pregnancy- Lecture**	**AN47.5: Abdominal cavity(Pancreas)- Dissection/ Demonstration**	**PY5.6 Discuss physiological variations in ECG waveforms, abnormal waveforms and intervals , arrhythmias, heart blocks and myocardial Infarction- Lecture; VI with cardiology dept**	**AN70.1:Glands Histology Practical A1A2 Batch** **B1B2 Batch :** **2 - 3 pm : AETCOM** **3 - 4 pm : Library**
11.02.2025 Tuesday	**PY7.5 Describe the renal regulation of fluid and electrolytes & acid-base Balance- Lecture**	**AN47.5: Abdominal cavity(Duodenum)- Lecture**	**AN47.5: Abdominal cavity(Duodenum)- Dissection/ Demonstrati**	**AN47.5: Abdominal cavity(Duodenum)- Dissection/ Demonstration**	**AN70.1:Glands Histology Practical B1B2 Batch** **A1A2 Batch :** **2 - 3 pm : AETCOM**

			on		3 - 4 pm : Library
12.02.2025 Wednesday	BC8.5: Describe the causes (including dietary habits), effects and health risks associated with being overweight/ obese / metabolic syndrome- Lecture	AN80.2,80.3,80.4,80.5,80.6,80.7: Fetal membranes- Embryology Lecture	AETCOM- Module 1.4: The foundations of communication - 1	Y 5.5 and 5.6- Student seminar	B1B2 Batch : Research presentation. BC 14.8: Estimation of serum urea and calculate urea clearance - Practical (Batch A1A2)
13.02.2025 Thursday	AN47.5 Abdominal cavity(Small & large Intestine)- Lecture	PY5.9 Describe heart rate, factors affecting heart rate, and its regulation- Lecture	AN47.5: Abdominal cavity(Small & large intestine)- Dissection/ Demonstration	BC8.6: Summarize the nutritional importance of commonly used items of food including fruits and vegetables (macro-molecules & its importance)- Lecture	A1A2 Batch : Research presentation. BC 14.8: Estimation of serum urea and calculate urea clearance - Practical (Batch B1B2)
14.02.2025 Friday	CM 3.1: Describe the health hazards of air, water, noise, radiation and pollution- SGD VI- General Medicine	AN68.1,68.2,68.3: Nervous tissue histology- Lecture	SGD BIOCHEMISTRY : NUTRITION	PY7.5 Describe the renal regulation of fluid and electrolytes & acid-base Balance- SGT	AN47.5: Abdominal cavity(Small & large intestine)- Dissection/ Demonstration
15.02.2025 Saturday	PY5.10 Describe cardiac output, factors affecting cardiac output and its Regulation- Lecture	Anatomy tutorial	AETCOM		Revision- Abdominal vísceras
17.02.2025	AN45.1,45.2,45.3	BC11.1: Describe the function tests of	AN45.2:	PY5.10 Describe	AN68.1,68.2,68.3:

Monday	**AN47.12: Posterior :Abdominal wall- lecture** **VI- General surgery**	**kidney and liver and their clinical significance. Interpret the function tests report- Lecture**	**Posterior :Abdominal wall- Dissection/ Demonstration**	**cardiac output, factors affecting cardiac output and its Regulation- Lecture**	**Nervous tissue Histology Practical A1A2 Batch** **B1B2 Batch PY 5.14: Recording of arterial pulse at rest.**
18.02.2025 Tuesday	**PY7.6 Describe the innervations of urinary bladder, physiology of micturition and its abnormalities- Lecture**	**AN47.5,47.6: Abdominal cavity (Kidney & ureter) - Lecture**	**AETCOM- Module 1.4: The foundations of communication - 1**		**AN68.1,68.2,68.3: Nervous tissue Histology Practical B1B2 Batch** **A1A2 Batch PY 5.14: Recording of arterial pulse at rest.**
19.02.2025 Wednesday	**BC11.1: Describe the function tests of kidney and liver and their clinical significance. Interpret the function tests report- lecture**	**AN81.1-81.3: Prenatal Diagnosis- Embryology Lecture**	**AN47.5: Abdominal cavity(Kidney & ureter)- Dissection/ Demonstration**	**Y5.9 and 5.10 SGT**	**B1B2 Batch : AETCOM test.** **BC 14.9:Estimation of serum creatinine and calculate creatinine clearance-Practical** **(Batch A1A2)**
20.02.2025 Thursday	**AN47.8,47.9,47.10,47.11,:Abdominal cavity- lecture** **VI- General surgery**	**PY7.7 Describe cystometry and discuss the normal cystometrogram** **PY7.8 Discuss various Renal Function Tests with its physiological significance and clinical implication of Renal clearance -Lecture**	**AN47.8,47.9, : Abdominal cavity- Dissection/ Demonstration**	**BC11.1: Describe the function tests of kidney and liver and their clinical significance. Interpret the function tests report- SGT**	**A1A2 Batch : AETCOM test.** **BC 14.9:Estimation of serum creatinine and calculate creatinine clearance-Practical** **(Batch B1B2)**
21.02.2025 Friday	**CM 3.4:Describe the concept of solid waste, human excreta and sewage Disposal- SGD**	**AN72.1: Integumentary system- Histology Lecture**	**SGT**	**PY7.6-7.7 SGT**	**AN47.8,47.9,: Abdominal cavity- Dissection/ Demonstration**
24.02.2025 Monday	**AN 47.13, 47.14: Abdominal cavity (thoracoabdominal diaphragm)** **AN50.1,50.3,50.4-**	**BC9.3: Describe the processes involved in maintenance of normal pH, water & electrolyte balance of body fluids and the**	**AN47.8,47.9, : Abdominal cavity (Thoracoabdominal**	**PY5.11 Describe blood pressure, factors affecting blood pressure and its Regulation- Lecture**	**AN72.1: Integumentary system Histology Practical A1A2 Batch**

	Vertebral column - Lecture	derangements associated with them- Lecture	diaphragm)- Dissection/ Demonstration		B1B2 Batch PY 5.14: Recording of Blood pressure at rest.
25.02.2025 Tuesday	PY5.11 Describe blood pressure, factors affecting blood pressure and its Regulation- Lecture	Anatomy tutorial- Home assignment	AN53.1,53.2,53.3: Bony Pelvis- Demonstration	N50.2: Bony Pelvis- Demonstration	AN72.1: Integumentary system Histology Practical B1B2 Batch A1A2 Batch PY 5.14: Recording of Blood pressure at rest.
26.02.2025 Wednesday	BC9.3: Describe the processes involved in maintenance of normal pH, water & electrolyte balance of body fluids and the derangements associated with them- Lecture Integration with Medicine	AN 52.4, 52.5:Describe the development of anterior abdominal wall, describe the development & congenital anomalies of diaphragm- Embryology Lecture	53.1,53.4: Sacrum Demonstration	PY5.13 Describe the patho-physiology of shock, syncope heart failure with physiological basis of its management- Student seminar	B1B2 Batch Test for certification of PY 5.14: Recording of arterial pulse and blood pressure at rest. BC 14.2:Estimation of pH by pH meter or ABG analyser- practical (batch A1A2)
27.02.2024 Thursday	AN 48.2:Pelvic wall and viscera - Lecture VI-General Surgery	PY5.13 Describe the patho-physiology of shock, syncope heart failure with physiological basis of its management- Lecture	AN 48.2:Pelvic wall and Viscera- Dissection/ Demonstration	BC9.3: Describe the processes involved in maintenance of normal pH, water & electrolyte balance of body fluids and the derangements associated with them- SGT	A1A2 Batch Test for certification of PY 5.14: Recording of arterial pulse and blood pressure at rest. BC 14.2:Estimation of pH by pH meter or ABG analyser-practical (batch B1B2)
28.02.2024 Friday	CM 3.5:Describe the standards of housing and the effect of housing on Health-	AN52.1,52.3: Histology of GIT (oesophagus & stomach) – Lecture	SGT	Y5.11 Student Semina	AN 48.2,48.3:Pelvic wall and Viscera- Dissection/ Demonstration

	SGD				
MARCH 2025					
Date / Day	**8am to 9am**	**9am to 10am**	**10am to 12 Noon**	**12 Noon - 1pm**	**2pm to 4pm**
1.03.2025 Saturday	**BC5.3: Describe the digestion and absorption of dietary proteins- Lecture**	**AN 48.3,48.4: Pelvic wall and viscera- AN55.2- Sectional Anatomy – Lecture**	**7.8- ECE to nephrology dept**	**PY5.6 ECE- Cardiology dept**	**AN55.2-Sectional Anatomy- Dissection/ SGT**
3.03.2025 Monday	**AN 48.1,48.6: Pelvic wall and viscera (Urinary bladder)- Lecture VI-General Surgery**	**BC5.3: Describe the digestion and absorption of dietary proteins- SGT**	**AN 48.1: Pelvic wall viscera (Urinary bladder)- Dissection/ Demonstration**	**PY7.9 Discuss the role of artificial kidneys, dialysis and indications of renal Transplant- Lecture**	**AN52.1,52.3: Histology of GIT (oesophagus & stomach Histology Practical A1A2 Batch** **B1B2 Batch PY 12.9 History taking and general physical examination.**
4.03.2025 Tuesday	**PY5.12 Describe & discuss regional circulation including microcirculation, lymphatic circulation, cerebral, capillary, skin, foetal, pulmonary and splanchnic circulation-Lecture**	**AN 48.148.5,48.7: Pelvic wall and viscera (Male pelvic viscera)- Lecture** **VI-General Surgery**	**AN 48.1: Pelvic wall and viscera (Male pelvic viscera)- Dissection/ Demonstration**		**AN52.1,52.3: Histology of GIT (oesophagus & stomach Histology Practical B1B2 Batch** **A1A2 Batch PY 12.9 History taking and general physical examination.**
5.03.2025 Wednesday	**BC5.3: Describe the digestion and absorption of dietary proteins- SDL**	**AN52.6 Describe the development and congenital anomalies of: Foregut, Midgut& Hindgut- Embryology Lecture**	**SDL- Pelvic wall**	**Renal and CVS- Class Test**	**B1B2 Batch PY 5.16: Examination of the cardiovascular system - I.** **BC 14.2:OSPE(pH meter, pH paper, autopipette and glass pipette)- practical (batch A1A2)**
6.03.2025 Thursday	**AN 48.1,48.5,: Pelvic wall and**	**PY4.1 Describe the functional anatomy of**	**AN 48.1: Pelvic wall**	**BC5.6: Describe the formation, transport,**	**A1A2 Batch PY 5.16: Examination of the**

	viscera (Female pelvic viscera)- Lecture VI-General Surgery	digestive system- Lecture	viscera (Female pelvic viscera): Dissection/ Demonstration	detoxification of Ammonia, Ammonia toxicity and its clinical significance- Lecture	cardiovascular system - I. BC 14.2:OSPE(pH meter, pH paper, autopipette and glass pipette)- practical (batch B1B2)
7.03.2025 Friday	CM 3.6:Describe the role of vectors in the causation of diseases. Also discuss National Vector Borne disease Control Program- Lecture	AN52.1: Histology of GIT (Large & Small Intestine)- Lecture	FAMILY ADOPTION PROGRAM		AN 48.1: Pelvic wall and viscera (Female pelvic viscera): Dissection/ Demonstration
10.03.2025 Monday	AN 48.1,48.5,: Pelvic wall and viscera (Female pelvic viscera)- Lecture VI-General Surgery	BC5.6: Describe the formation, transport, detoxification of Ammonia, Ammonia toxicity and its clinical significance- SGT	AN 48.1: Pelvic wall viscera (Female pelvic viscera): Dissection/ Demonstration	PY9.1 Explain sex determination, sex differentiation and their abnormalities and discuss the effects of removal of gonads on physiological functions- Lecture	AN52.1: Histology of GIT (Large & Small Intestine) Histology Practical A1A2 Batch B1B2 Batch PY 5.16: Examination of the cardiovascular system - II.
11.03.2025 Tuesday	PY9.2 Describe and discuss puberty: onset, progression, stages; early and delayed puberty- Lecture	AN 48.148.5: Pelvic wall and viscera (Rectum & Anal canal)- Lecture VI-General Surgery	AN 48.148.5: Pelvic wall viscera (Rectum & Anal canal)- Dissection/ Demonstration	AN54.1-54.4- Radiology of Abdome & Pelvis- DOAP	AN52.1: Histology of GIT (Large & Small Intestine) Histology Practical B1B2 Batch A1A2 Batch PY 5.16: Examination of the cardiovascular system - II.
12.03.2025 Wednesday	BC5.7: Describe the specialized products formed from the amino acids Glycine, Phenylalanine, Tyrosine,	AN52.6 Describe the development and congenital anomalies of: Foregut, Midgut & Hindgut- Embryology Lecture	AN49.1,49.2, 49.3:Perinium- Dissection/ Demonstration	PY9.1-9.2 SGT	B1B2 Batch Test for certification of PY 5.16: Examination of the cardiovascular system.

	Tryptophan, and Methionine, branched chain amino acids and Arginine and the inborn errors associated with them. Discuss new-born screening -Lecture				BC 14.4: OSPE Qualitative urine analysis - Practical(A1A2 batch)
13.03.2025 Thursday	AN49.1,49.2,49.3, 49.5:Perinium- lecture VI- Obs. & Gyn	PY4.2 Enumerate various Gastrointestinal hormones (GI) hormones, discuss their functions and regulation- Lecture	AN49.1,49.2, 49.3:Perinium- Dissection/ Demonstration	BC5.7: Describe the specialized products formed from the amino acids Glycine, Phenylalanine, Tyrosine, Tryptophan, and Methionine, branched chain amino acids and Arginine and the inborn errors associated with them. Discuss new-born screening -Lecture Integration Lecture with Paediatrics	A1A2 Batch Test for certification of PY 5.16: Examination of the cardiovascular system. BC 14.4: OSPE Qualitative urine analysis - Practical(A1A2 batch)
14.03.2025 Friday	HOLIDAY- HOLI				
15.03.2025 Saturday	PY9.3 Describe the functional anatomy of male reproductive system, functions of testis, spermatogenesis and discuss the functions and regulations of testosterone hormone -Lecture	AN49.4,49.5: Perineum (Ischiorectal fossa)- Lecture	AETCOM	Seminar	AN49.4,49.5: Perineum (Ischiorectal fossa)- Dissection/ Demonstration
17.03.2025 Monday	Anatomy tutorial	BC3.4: Describe and discuss the regulation, functions and integration of minor Carbohydrate Metabolism pathway	AN55.1,55.2: Surface marking of Abdomen & Pelvis- DOAP/ SGT	PY4.3 Describe the composition, mechanism of secretion, functions, and	Revision Histology Practical A1A2 Batch B1B2 Batch PY 5.14: Effect of change of

		briefly along with associated diseases /disorders- Lecture		regulation of saliva- Lecture	posture on BP and HR.
18.03.2025 Tuesday	PY9.3 Describe the functional anatomy of male reproductive system, functions of testis, spermatogenesis and discuss the functions and regulations of testosterone hormone -Lecture	PCT- Abdomen & Pelvis	PCT- Abdomen & Pelvis		Revision Histology Practical B1B2 Batch A1A2 Batch PY 5.14: Effect of change of posture on BP and HR.
19.03.2025 Wednesday	BC3.4: Describe and discuss the regulation, functions and integration of minor Carbohydrate Metabolism pathway briefly along with associated diseases /disorders- SGT Integration Lecture with Medicine	AN52.6 Describe the development and congenital anomalies of: Foregut, Midgut & Hindgut- Embryology Lecture	AN21.1- Sternum - Demonstration	PY9.3- SGT	B1B2 Batch Test for certification of PY 5.14: Effect of change of posture on BP and HR. BC 14.19: linical case studies -Practica (A1A2batch)
20.03.2025 Thursday	AN21.3,21.4: Thoracic Cage – Lecture	PY4.4 Describe the composition, mechanism of secretion, functions, and regulation of gastric juice. Discuss various gastric function tests - Lecture	AN21.3,21.4: Thoracic Cage – Dissection/ Demonstration	BC3.5: Discuss the mechanism and significance of blood glucose regulation (Glucose homeostasis) in health and disease. Describe the types, Biochemical changes, complications and laboratory investigations related to diabetes & other carbohydrate metal disorders- Lecture	A1A2 Batch Test for certification of PY 5.14: Effect of change of posture on BP and HR. BC 14.19: linical case studies -Practica (B1B2batch)

21.03.2025 Friday	**CM 4.1: Describe various methods of health education with their advantages and limitations- Lecture**	**AN52.1: Histology of Liver– Lecture**	**SGT**	**PY4.2 and 4.4- SGT**	**AN21.1- Typical Ribs - Demonstration**
24.03.2025 Monday	**AN21.5,21.6,21.7: Thoracic Cage – Lecture**	**BC3.5: Discuss the mechanism and significance of blood glucose regulation (Glucose homeostasis) in health and disease. Describe the types, Biochemical changes, complications and laboratory investigations related to diabetes & other carbohydrate metal disorders- SGT** **Integration with Medicine**	**AN21.4-21.7: Thoracic Cage – Dissection/ Demonstration**	**PY4.5 Describe the composition, mechanism of secretion, functions, and regulation of pancreatic juice including various pancreatic exocrine function tests- Lecture**	**AN52.1: Histology of Liver** **Histology Practical A1A2 Batch** **B1B2 Batch PY 5.14: Effect of different grades of exercise on BP and HR.**
25.03.2024 Tuesday	**PY9.4, 9.5 Describe the functional anatomy of female reproductive system: functions of ovary and its hormones (estrogen and progesterone)hormonal regulation by hypothalamic pituitary gonadal (HPG axis- Lecture**	**AN 21.8,21.9,21.10: Thoracic Cage – Lecture**	**AN 21.8,21.9,21.10: Thoracic Cage – Dissection/ Demonstration**	**AN21.2- Atypical ribs - Demonstration**	**AN52.1: Histology of Liver Histology Practical B1B2 Batch** **A1A2 Batch PY 5.14: Effect of different grades of exercise on BP and HR.**
26.03.2024 Wednesday	**BC3.6: Interpret the results of analytes associated with metabolism of carbohydrates and other laboratory investigations related to disorders of carbohydrate metabolism- Lecture**	**AN 52.7:Describe the development of Urinary system- Embryology Lecture**	**AN21.1- Typical Thoracic vertebrae - Demonstration**	**PY9.4-9.5 SGT**	**B1B2 Batch Test for certification of PY 5.14: Effect of different grades of exercise on BP and HR.** **BC 14.4: OSPE Qualitative urine analysis - Practical(A1A2 batch)- REVISION**

27.03.2025 Thursday	**AN 21.11: Thoracic Cage(Mediastinum) – Lecture**	**PY4.6 Describe the composition, mechanism of secretion, functions, and regulation of intestinal juices - Lecture**	**AN 21.11: Thoracic Cage(Mediastinum) – Demonstration/ Dissection**	**BC3.6: Interpret the results of analytes associated with metabolism of carbohydrates and other laboratory investigations related to disorders of carbohydrate metabolism- SGT** **Integration with Medicine/ Endocrinology**	**A1A2 Batch Test for certification of PY 5.14: Effect of different grades of exercise on BP and HR.** **BC 14.4: OSPE Qualitative urine analysis - Practical(B1B2 batch)- REVISION**
28.03.2025 Friday	**HOLIDAY- JUMAT UL VIDA**				
29.03.2025 Saturday	**BC3.6: BC3.6: Interpret the results of analytes associated with metabolism of carbohydrates and other laboratory investigations related to disorders of carbohydrate metabolism- SGT**	**Library**	**PY9.4 Student Seminar**	**PY4.8 Describe GIT movements, its regulation and physiological significance including defecation reflex and the role of dietary fibers- Lecture**	**AN21.2- Atypical Thoracic Vertebrae - Demonstration**
31.03.2025 Monday	**HOLIDAY- EID UL FITAR**				

APRIL 2024

Date / Day	8am to 9am	9am to 10am	10am to 12 Noon	12 Noon - 1pm	2pm to 4pm
1.04.2025 Tuesday	**PY9.5 Discuss the menstrual cycle, uterine and ovarian changes, hormonal regulation and its implications in reproductive physiology -Lecture**	**AN 22.1, 22.2: Heart & Pericardium – Lecture**	**AN 22.1, 22.2: Heart & Pericardium – Dissection/ Demonstration**	**AN 22.1, 22.2: Heart & Pericardium – Dissection/ Demonstration**	**Revision Histology Practical B1B2 Batch** **A1A2 Batch PY 2.13 Demonstration of Reticulocyte count.**
2.04.2025 Wednesday	**BC7.1: Describe the integration of various metabolic**	**AN 52.7:Describe the development of Urinary**	**AN 22.1, 22.2: Heart**	**PY9.5 SGT**	**B1B2 Batch : OSPE test.**

	processes in the body (Carbohydrate, Lipid, and Protein)- Lecture	system- Embryology Lecture	& Pericardium – Dissection/ Demonstration		BC 14.17:Discuss composition of CSF and various body fluids- Practical (batch A1A2)
3.04.2025 Thursday	AN 22.2: Heart & Pericardium – Lecture	PY4.9 Describe the structure , functions and secretion of liver and gallbladder with elaboration of various liver function tests- Lecture	AN 22.1, 22.2: Heart & Pericardium – Dissection/ Demonstration	BC7.1: Describe the integration of various metabolic processes in the body (Carbohydrate, Lipid, and Protein)- lecture	A1A2 Batch : OSPE test. BC 14.17:Discuss composition of CSF and various body fluids- Practical (batch B1B2)
4.04.2025 Friday	CM 4.2: Describe the methods of organizing health promotion and education and counselling activities at individual family and community settings- SGD	AN52.1: Histology of gallbladder & pancreas– Lecture	FAMILY ADOPTION PROGRAM		AN 22.3,22.4,22.5: Heart Pericardium- Dissection/ Demonstration
5.04.2025 Saturday	BC7.2: Describe the Biochemical processes involved in generation of energy in cells- Lecture	AN 22.3,22.4,22.5: Heart Pericardium – Lecture HI-Physiology VI- General Medicine & Paeds	PY9.6-9.8 Enumerate male and female contraceptive methods, rationale of its prescription, side effects and its advantages & disadvantages- Discuss the physiology of pregnancy, parturition & lactation, physiological basis of various pregnancy tests- Lecture	PY4.8 Describe GIT movements, its regulation and physiological significance including defecation reflex and the role of dietary fibers- Flipped classroom	AN 22.3,22.4,22.5: Heart Pericardium- Dissection/ Demonstration B1B2 Batch
7.04.2025 Monday	AN 22.6,22.7: Heart Pericardium – Lecture HI-Physiology VI- General Medicines	BC7.2: Describe the Biochemical processes involved in generation of energy in cells - lecture	AN 22.3,22.4,22.5: Heart Pericardium- Dissection/ Demonstration	PY9.9 Discuss the hormonal changes and their effects during perimenopause and menopause- Lecture PY9.10 Discuss the common causes	AN52.1: Histology of gallbladder & pancreas-Histology Practical A1A2 Batch B1B2 Batch PY 2.13 Demonstration of Platelet

				of infertility in a couple and role of IVF in managing a case of infertility- Lecture	count.
8.04.2025 Tuesday	PY4.7 Describe the physiology of digestion and absorption of nutrients- Lecture	AN24.1: Lungs and Trachea – lecture HI- Physiology VI- General Medicine	AN24.1,24.2: Lungs and Trachea- Dissection/ Demonstration	Research presentation	AN52.1: Histology of gallbladder & pancreas- Histology Practical B1B2 Batch A1A2 Batch: Research presentation.
9.04.2025 Wednesday	BC12.1: Describe the role of xenobiotics in disease in health and disease- Lecture	AN 52.8 Describe the development of male & female reproductive system - Embryology Lecture	AN24.2: Lungs and Trachea- Dissection/ Demonstration	PY4.5 - 4.7 SGT	B1B2 Batch PY 2.13 Demonstration of reticulocyte count. BC14.11:Estimation of serum protein and Albumin -revision (Batch -A1A2)
10.04.2025 Thursday	**HOLIDAY- MAHAVIR JAYANTI**				
11.04.2025 Friday	CM 9.1: Define and describe the principles of Demography, Demographic cycle, Vital statistics- Lecture	AN52.1: Histology of suprarenal gland– Lecture	SGT biochemistry	PY9.10 Tutorial	Anatomy seminar
14.04.2025 Monday	AN24.2,24.3,24.5: Lungs and Trachea – lecture	BC4.6: Discuss Biological role and therapeutic applications of Eicosanoids and their Inhibitors- Lecture	AN24.2,24.3,24.4.6: Lungs and Trachea Demonstration	PY4.11 Discuss (in brief) the applied physiology of GIT viz. Peptic ulcer, gastroesophageal reflux disease, vomiting, diarrhoea, constipation,	AN52.1: Histology of suprarenal gland– Histology Practical A1A2 Batch B1B2 Batch PY 4.12: Clinical examination of abdomen.

				Adynamic ileus, Hirschsprung's disease- Lecture	
15.04.2025 Tuesday	PY4.10 Describe the Gut-Brain Axis and its physiological significance- Lecture	AN24.6: Lungs and Trachea – lecture	AN25.9- Surface Marking of thorax- Demonstration/ Practical	AN25.7,25.8: Radiology of Thorax Demonstration/ Practical	AN52.1: Histology of suprarenal gland– Histology Practical B1B2 Batch A1A2 Batch PY 4.12: Clinical examination of abdomen.
16.04.2025 Wednesday	BC4.7: Describe Fatty liver, cholelithiasis and obesity- Lecture	AN 52.8 Describe the development of male & female reproductive system - Embryology Lecture	Embryology Practical/ Museum visit	PY4.10 SGT	B1B2 Batch Test for certification of PY 4.12: Clinical examination of abdomen. BC 14.12:Estimation of serum total cholesterol-Practical (batch A1A2)
17.04.2025 Thursday	AN23.3: Mediastinum - Lecture VI – General Surgery	PY6.1 Describe the functional anatomy of respiratory tract and non-respiratory functions of lungs- Lecture PY6.2 Describe the mechanics of normal respiration, pressure changes during ventilation, lung volume and capacities (Static and Dynamic) -Lecture	AN23.3: Mediastinum - Dissection/ Demonstration	BC4.7: Describe Fatty liver, cholelithiasis and obesity- SGT	A1A2 Batch Test for certification of PY 4.12: Clinical examination of abdomen. BC 14.12:Estimation of serum total cholesterol-Practical (batch B1B2)
18.04.2025 Friday	**HOLIDAY- GOOD FRIDAY**				
19.04.2025 Saturday	GI system Class Test	AN23.1,23.2,23.4,22.5,22.6: Mediastinum - Lecture VI – General Surgery	ECE		AN23.1,23.2,23.4,22.5,22.6: Mediastinum - Dissection/ Demonstration
21.04.2025 Monday	Anatomy revision	BC4.8: Interpret laboratory results of analytes associated	Anatomy revision	PY4.11 Discuss (in brief) the applied	Revision Histology Practical A1A2 Batch

		with metabolism of lipids- Lecture		physiology of GIT viz. Peptic ulcer, gastroesophageal reflux disease, vomiting, diarrhoea, constipation, Adynamic ileus, Hirschsprung's disease- Tutorial	B1B2 Batch : Museum study.
22.04.2025 Tuesday	PY6.1 Describe the functional anatomy of respiratory tract and non-respiratory functions of lungs- Lecture PY6.2 Describe the mechanics of normal respiration, pressure changes during ventilation, lung volume and capacities (Static and Dynamic) - Lecture	**Anatomy revision**	**Anatomy revision**	**Anatomy revision**	**Revision Histology Practical B1B2 Batch** A1A2 Batch : Museum study.
23.04.2025 Wednesday	BC4.8: Interpret laboratory results of analytes associated with metabolism of lipids- SGT	**Embryology revision**	**Anatomy revision**	PY6.1 and 6.2 SGT	B1B2 Batch: Revision of all practicals. BC 14.15:Estimation of TG, HDL and calculation of LDL-Practical (batch A1A2)
24.04.2025 Thursday	**Anatomy revision**	PY6.3 Describe the alveolar surface tension, compliance, airway resistance, ventilation, V/P ratio, diffusion capacity of lungs -Lecture	**Anatomy revision**		A1A2 Batch: Revision of all practicals. BC 14.15:Estimation of TG, HDL and calculation of LDL-Practical (batch B1B2)

25.04.2025 Friday	**CM 9.2: Define, calculate and interpret demographic indices including birthrate, death rate, fertility rates- SGD**	**AN 52.2: Histology of urinary system (Kidney)- Lecture**	**SGT**	**PY6.3 SGT**	**Anatomy revision**
28.04.2025- 03.05.2025 SECOND TERM EXAMINATION					
MAY- 2025					
Date / Day	**8am to 9am**	**9am to 10am**	**10am to 12 Noon**	**12 Noon - 1pm**	**2pm to 4pm**
04.05.2025- 11.05.2025 SUMMER VACATIONS					
12.05.2025 Monday	**HOLIDAY- BUDH PURNIMA**				
13.05.2025 Tuesday	**PY8.1 Describe the functional anatomy of endocrine glands, mechanism of hormonal action (steroid and peptide) and hypothalamus pituitary axis {HPA} - Lecture**	**AN27.1,27.2: Scalp – Lecture**	**AN26.1- Skull osteology- Demonstration**	**AN27.1,27.2: Scalp – Dissection/ Demonstration**	**AN 52.2: Histology of urinary system (Kidney) Histology Practical B1B2 Batch** **A1A2 Batch : Research presentation.**
14.05.2025 Wednesday	**BC13.4: Discuss metabolism of alcohol with Biochemical changes and effects of chronic alcoholism -SDL**	**AN25.2: Describe development of pleura, lung & heart- Embryology Lecture**	**AN62.2,62.3- Skull osteology- Demonstration**	**PY8.1 SDL**	**B1B2 Batch : Sthethography.** **BC 14.16:Estimation of serum SGOT, SGPT and ALP.- PRACTICAL (batch A1A2)**

15.05.2025 Thursday	AN28.1,28.2,28.3,28.4 Face & Parotid region- Lecture	PY6.3 Describe the alveolar surface tension, compliance, airway resistance, ventilation, V/P ratio, diffusion capacity of lungs -Lecture	AN28.1,28.2,28.. 28.4: Face & Paroti region- Dissection/ Demonstratio	BC8.1: Describe the Biochemical role of vitamins in the body and explain the manifestations of their deficiency. (Fat soluble vitamins)- Lecture	BC 14.16:Estimation of serum SGOT, SGPT and ALP.- PRACTICAL (batch B1B2) A1A2 Batch : Sthethography.
16.05.2025 Friday	CM 9.4: Enumerate and describe the causes and consequences of population explosion and population dynamics of India- Lecture	AN52.2: Histology of Urinary system (ureter & Urinary bladder)- Lecture	SGT	PY6.3 SGT	AN62.2,62.3- Skull osteology- Demonstration
17.05.2025 Saturday	PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland-Lecture	AN 28.5,28.6,28.7,28.8, 28.8: Face & Parotid region- Lecture	ECE : ALCOHOLIC LIVER DISEASE & VITAMIN DEFICIENCY.		AN 28.6: Face & Parotid region- Dissection/ Demonstration
19.05.2025 Monday	AN 28.9,28.10: Face & Parotid region- Lecture VI-General Surgery	BC8.1: Describe the Biochemical role of vitamins in the body and explain the manifestations of their deficiency. (Fat soluble vitamins)- lecture	AN 28.9: Face & Parotid region- Dissection/ Demonstrati on	PY8.3 Describe the synthesis, secretion, transport, physiological actions,regulation and effect of altered (hypo and hyper) secretion of thyroid Gland including thyroid function tests- Lecture	AN52.2: Histology of Urinary system - Histology Practical A1A2 Batch B1B2 Batch PY 6.13 : PEFR measurement.
20.05.2025 Tuesday	PY6.4 Discuss the transport of respiratory gases viz Oxygen and Carbon dioxide across lungs and whole body- Lecture	AN29.1,29.,29.3, 29.4,29.5: Posterior triangle of neck – Lecture	AN29.1,29.,2 9.3, 29.4,29.5: Posterior triangle of neck – Dissection/ Demonstrati	AN62.2,62.3- Skull osteology- Demonstration	AN52.2: Histology of Urinary system - Histology Practical B1B2 Batch. A1A2 Batch PY 6.13 : PEFR measurement.

			on		
21.05.2025 Wednesday	**BC9.1: Describe the dietary sources, absorption, transport, and metabolism, Biochemical functions of Iron, Calcium and copper with its associated clinical disorders- Lecture**	**AN25.2: Describe development of pleura, lung & heart- Embryology Lecture**	**AN29.1,29.,29.3, 29.4,29.5: Posterior triangle of neck – Dissection/ Demonstration**	**PY8.2-8.3 SGT**	**B1B2 Batch : Vitalography.** **BC14.14:Demonstrate estimation of serum calcium and phosphorous-Practical (batch A1A2)**
22.05.2025 Thursday	**AN30.1,30.3,30.4, 30.5 : Cranial cavity- Lecture** **VI – General Surgery**	**PY6.4 Discuss the transport of respiratory gases viz Oxygen and Carbon dioxide across lungs and whole body- Lecture**	**AN30.1, 30.2 Cranial cavity- Demonstration**	**BC9.2: Discuss Magnesium, Zinc and Phosphorus along with its clinical significance and discuss the functions of trace elements- Lecture**	**A1A2 Batch : Vitalography.** **BC14.14:Demonstrate estimation of serum calcium and phosphorous-Practical (batch B1B2)**
23.05.2025 Friday	**CM 9.3: Enumerate and describe the causes of declining sex ratio and its social and health implications- SGD**	**AN52.2:Histology of Male Reproductive system(Testis, Epididymis)- Lecture**	**SGT: BIOCHEMISTRY**	**PY6.3-6.4 SGT**	**AN30.3 : Cranial cavity- Demonstration/ Dissection**
26.05.2025 Monday	**AN30.1,30.2,30.3, 30.4,30.5 : Cranial cavity- Lecture** **VI – General Surgery**	**BC9.2: Discuss Magnesium, Zinc and Phosphorus along with its clinical significance and discuss the functions of trace elements- SGT**	**AN30.3 : Cranial cavity- Demonstration/ Dissection**	**PY8.4 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of adrenal gland and its function tests - Lecture**	**AN52.2:Histology of Male Reproductive system(Testis, Epididymis-Histology Practical A1A2 Batch** **B1B2 Batch PY 6.10 : Recording Lung volumes and capacities using a spirometer.**

27.05.2025 Tuesday	**PY6.4 Discuss the transport of respiratory gases viz Oxygen and Carbon dioxide across lungs and whole body- SDL**	**AN31.1-31.3: Orbit- Lecture** **VI- Ophtha**	**AN31.1-31.2: Orbit- Dissection/ Demonstration**	**AN31.1-31.2: Orbit-Dissection/ Demonstration**	**AN52.2:Histology of Male Reproductive system(Testis, Epididymis-Histology Practical B1B2 Batch.** **A1A2 Batch PY 6.10 : Recording Lung volumes and capacities using a spirometer.**
28.05.2025 Wednesday	**BC9.2: Discuss Magnesium, Zinc and Phosphorus along with its clinical significance and discuss the functions of trace elements- SDL**	**AN25.2: Describe development of pleura, lung & heart** **AN25.4 Describe embryological basis of 1) atrial septal defect 2) ventricular septal defeat 3) Fallots tetrology 4) tracheoesophageal fistula– Embryology Lecture**	**AN26.4- Mandible- Demonstration**	**PY8.4 SGT**	**B1B2 Batch Test for certification of PY 6.10 : Recording Lung volumes and capacities using a manual spirometer.** **BC 14.5:Paper chromatography & screening of urine for inborn errors- Practical(A1A2batch)**
29.05.2025 Thursday	**AN31.4,31.5:Orbit & Lacrimal apparatus - Lecture** **VI- OPHTHA**	**PY6.5 Describe the chemoreceptors (peripheral and central) and neural centres of respiration including chemical and neural regulation of respiration- Lecture**	**library**	**BC11.2: Enumerate the hormones and markers related to reproduction and reproductive health and their clinical interpretation (For e.g. LH, FSH, Prolactin,**	**A1A2 Batch Test for certification of PY 6.10 : Recording Lung volumes and capacities using a manual spirometer.**

				beta-HCG, Estrogen Progesterone, testosterone and AMH. Discuss importance of prenatal screening - Lecture	BC 14.5:Paper chromatography & screening of urine for inborn errors- Practical(B1B2batch)
30.05.2025 Friday	CM 9.7: Enumerate the sources of vital statistics including census, SRS, NFHS, NSSO etc.-SGD	AN52.2:Histology of Male Reproductive System: Vas deferens, Prostate , Penis-Lecture	SGT	PY6.5- SGT	AN:32.1,32.2:Anterior Triangle of neck-dissection/ demonstration
31.05.2025 Saturday	BC11.2: Enumerate the hormones and markers related to reproduction and reproductive health and their clinical interpretation (For e.g. LH, FSH, Prolactin, beta-HCG, Estrogen Progesterone, testosterone and AMH. Discuss importance of prenatal screening - lecture	AN:32.1,32.2:Anterior Triangle of neck-Lecture	PY8.3,8.4 ECE Visit to endocrinology dept	PY8.5 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of parathyroid gland with emphasis of physiology of bone and calcium metabolism Lecture	AN:32.1,32.2:Anterior Triangle of neck-dissection/ demonstration
JUNE 2025					
Date / Day	**8am to 9am**	**9am to 10am**	**10am to 12 Noon**	**12 Noon - 1pm**	**2pm to 4pm**
2.06.2025 Monday	AN:32.1,32.2:Anterior Triangle of neck-Lecture	BC11.2: Enumerate the hormones and markers related to reproduction and reproductive health and their clinical interpretation (For e.g. LH, FSH, Prolactin, beta-HCG, Estrogen Progesterone, testosterone and AMH. Discuss importance	AN:32.1,32.2:Anterior Triangle of neck-dissection/ demonstration	PY6.6 Describe and discuss the pathophysiology of dyspnoea, hypoxia, cyanosis, asphyxia, drowning, periodic breathing and oxygen therapy - Lecture	AN52.2:Histology of Male Reproductive System: Vas deferens, Prostate , Penis-Histology Practical A1A2 Batch B1B2 Batch PY 6.12 : General and clinical examination of the

		of prenatal screening - SGT			respiratory system - I.
3.06.2025 Tuesday	PY6.7 Discuss various lung function tests and their clinical significance in obstructive and restrictive lung diseases- Lecture	AN33.1,33.2,33.4: Temporal & Infratemporal region- Lecture	AN33.1,33.2: Temporal & Infratemporal region- dissection/ demonstration	AN26.5, 27.7: typical & 7th cervical vertebrae- Demonstration	AN52.2:Histology of Male Reproductive System: Vas deferens, Prostate , Penis- Histology Practical B1B2 Batch A1A2 Batch PY 6.12 : General and clinical examination of the respiratory system - I.
4.06.2025 Wednesday	BC13.1: Describe oncogenesis, oncogenes & its activation with focus on p53 & apoptosis- Lecture	AN 25.6:Mention development of aortic arch arteries, SVC, IVC and coronary sinus AN25.5: Describe developmental basis of congenital anomalies, transposition of great vessels, dextrocardia, patent ductus arteriosus & coarctation of aorta- Embryology Lecture	AN33.1,33.2: Temporal & Infratemporal region- dissection/ demonstration	PY6.6 SGT	B1B2 Batch PY 6.12 : General and clinical examination of the respiratory system - II. BC 14.20:Describe pre-analytical, analytical and post analytical error- Practical (batch A1A2)
5.06.2025 Thursday	AN33.3,33.5: Temporal & Infratemporal region- Lecture VI-General Surgery	PY6.8 Discuss the physiology of high altitude and acclimatization- Lecture PY6.9 Discuss the physiology of deep sea diving and decompression sickness- Lecture	AN33.1,33.2: Temporal & Infratemporal region- dissection/ demonstration	BC13.1: Describe oncogenesis, oncogenes & its activation with focus on p53 & apoptosis- SGT	A1A2 Batch PY 6.12 : General and clinical examination of the respiratory system - II. BC 14.20:Describe pre-analytical, analytical and post analytical error-

					Practical (batch B1B2)
6.06.2025 Friday	CM 18.1: Define and describe the concept of International Health-Lecture	AN52.2,52.3: Histology of female reproductive system (ovary) -Lecture VI- General Surgery	FAMILY ADOPTION PROGRAM		AN26.5: Atlas & Axis- Demonstration
7.06.2025 Saturday	HOLIDAY- EID UL ZUHA				
9.06.2025 Monday	AN 34.1-34.3: Submandibular region-Lecture VI-General Surg	BC13.2: Describe various Biochemical tumor markers and the Biochemical basis of cancer therapy- Lecture	AN 34.1-34.2: Submandibular region- dissection/ demonstration	PY8.6 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pancreatic gland including pancreatic function tests - Lecture	AN52.2,52.3: Histology of female reproductive system (ovary) -Histology Practical A1A2 Batch B1B2 Batch Test for certification of PY 6.12 : General and clinical examination of the respiratory system.
10.06.2025 Tuesday	Respiratory System- Class Test	AN35.1,35.10 : Deep structures in the neck (Deep cervical fascia & facial spaces of neck)-Lecture	AN 34.1-34.2: Submandibular region- dissection/ demonstration	AN 34.1-34.2: Submandibular region- dissection/ demonstration	AN52.2,52.3: Histology of female reproductive system (ovary) -Histology Practical B1B2 Batch A1A2 Batch Test for certification of PY 6.12 : General and clinical examination of the respiratory system.
11.06.2025 Wednesday	BC13.2: Describe various Biochemical tumor markers and the Biochemical	AN25.3: Describe fetal circulation & changes occurring at birth- Embryology Lecture	AN 34.1-34.2: Submandibular region- dissection/ demonstration	PY8.5-8.6 SGT	B1B2 Batch PY 6.11 : Principles and methods of artificial respiration.

	basis of cancer therapy- SGT				BC 14.21:Describe quality control and identify LJ charts- practical Batch A1A2
12.06.2025 Thursday	AN35.2,35.8: Deep structures in the neck (Thyroid gland)- Lecture VI-General Surgery	PY8.7 Describe the physiology of Thymus & Pineal Gland- Lecture	AN35.2,35.8: Deep structures in the neck (Thyroid gland)- dissection/ demonstrati on	BC11.1: Describe the function tests of thyroid and adrenal glands and their clinical significance- Lecture	A1A2 Batch PY 6.11 : Principles and methods of artificial respiration.. BC 14.21:Describe quality control and identify LJ charts- practical Batch B1B2
13.06.2025 Friday	CM 18.2: Describe roles of various international health agencies- Lecture	AN52.2: Histology of female reproductive system (uterus, uterine tube, cervix, placenta & umbilical cord) - Lecture	SGT	PY6.7 SDL	AN35.2,35.8: Deep structures in the neck (Thyroid gland)- dissection/ demonstration
16.06.2025 Monday	AN32.3-35.7, 35.9: Deep structures of neck- Lecture	BC11.1: Describe the function tests of kidney, liver, thyroid and adrenal glands and their clinical significance. Interpret the function tests report- SDL	AN32.3-35.6: Deep structures of neck- dissection/ demonstration	PY10.1 and 10.2 Describe and discuss the functional organization of central nervous system (brain and spinal cord) Describe the functional anatomy of peripheral nervous system- Lecture	AN52.2: Histology of female reproductive system (uterus, uterine tube, cervix, placenta & umbilical cord)-Histology Practical A1A2 Batch B1B2 Batch PY 12.7 : Brain death and its implications.
17.06.2025 Tuesday	PY10.3 Classify the neurotransmitter s and discuss the chemical transmission in the nervous system PY 10.4 Discuss the classification, functions and	AN36.1, 36.2, 36.4,36.6: Mouth, Pharynx & Palate (palatine tonsils)- Lecture VI- ENT	Anatomy Seminar		AN52.2: Histology of female reproductive system (uterus, uterine tube, cervix, placenta & umbilical cord)-Histology Practical B1B2 Batch A1A2 Batch PY 12.7 : Brain death and its

	properties of synapse- Lecture				implications.
18.06.2025 Wednesday	BC12.3: Describe the anti-oxidant defense systems in the body- Lecture	AN43.4 Describe the development and developmental basis of congenital anomalies of face,palate, tongue, branchial apparatus, pituitary gland, thyroid gland & eye- Embryology lecture	AN32.3-35.6: Deep structures of neck- dissection/ demonstration	PY10.1 and 10.2 SGT	B1B2 Batch PY 12.8 : Physiology of yoga and meditation. BC 14.21:Describe quality control and identify LJ charts- Revision practical Batch A1A2
19.06.2025 Thursday	AN36.3 36.5,36.7 :Mouth, Pharynx & Palate (pharynx) - Lecture VI- ENT	PY10.5 Discuss the classification, functions and properties of reflex- Lecture	AN36.3 36.5,36.7 :Mouth, Pharynx & Palate (pharynx) - dissection/ demonstration	BC12.3: Describe the role of oxidative stress in the pathogenesis of conditions such as cancer, complications of diabetes mellitus and atherosclerosis- LECTURE	A1A2 Batch PY 12.8 : Physiology of yoga and meditation. BC 14.21:Describe quality control and identify LJ charts- Revision practical Batch B1B2
20.06.2025 Friday	CM 2.3: Describe and demonstrate in a simulated environment the assessment of barriers to good health and health seeking behavior- SGD	AN25.1: Histology of lung & trachea- Lecture	SGT	PY 10.3-10.5 SGT	AN36.3 36.5,36.7 :Mouth, Pharynx & Palate (pharynx) - dissection/ demonstration
21.06.2025 Saturday	PY10.6 Discuss the classification, functions and properties of receptors- Lecture	AN36.2 :Mouth, Pharynx & Palate (soft palate)- Lecture VI- ENT	SGT BIOCHEMISTRY		AN36.3 36.5,36.7 :Mouth, Pharynx & Palate (soft palate) - dissection/ demonstration
23.06.2025 Monday	AN 37.1-37.3:Cavity Of Nose-Lecture VI- ENT	BC12.3: Describe the role of oxidative stress in the pathogenesis of conditions such as cancer,	AN 37.1-37.2:Cavity Of Nose- dissection demonstration	PY10.7 Discuss somatic sensations, ascending tracts, (sensory tracts) and applied aspects of	AN25.1: Histology of lung & trachea-Histology Practical A1A2 Batch.

		complications of diabetes mellitus and atherosclerosis- SDL		sensory system- Lecture	B1B2 Batch PY 10.19 : Examination of higher functions.
24.06.2025 Tuesday	PY10.8 Discuss Physiology of pain including pain pathways and its modulation with special emphasis on gate control theory of pain- Lecture	AN38.1,38.2,38.3: Larynx-Lecture VI-ENT	AN38.1: Larynx- Dissection/ Demonstration	AN43.1: Joints of Head & Neck: Demonstration	AN25.1: Histology of lung & trachea-Histology Practical B1B2 Batch A1A2 Batch PY 10.19 : Examination of higher functions.
25.06.2025 Wednesday	BC10.1: Describe nucleotides and nucleic acids and their clinical significance- Lecture	AN43.4 Describe the development and developmental basis of congenital anomalies of face,palate, tongue, branchial apparatus, pituitary gland, thyroid gland & eye- Embryology lecture	AECTOM- Module 1.5: The cadaver as our first teacher	PY 10.7 and 10.8 SGT	B1B2 Batch Test for certification of PY 10.19 : Examination of higher functions. BC 14.13 :Estimation of serum Bilirubin by manual/semi-autoanalyzer method- Revision Practical (batch A1A2)
26.06.2025 Thursday	AN38.1,38.2,38.3: rynx-Lecture ENT	PY 10.9 Describe the course of descending tracts (pyramidal and extra pyramidal), its clinical implications including difference in Upper motor neuron (UMN)and lower motor neuron (LMN) lesions -Lecture	AN38.1: Larynx- dissection/ demonstration	BC10.1: Describe nucleotides and nucleic acids and their clinical significance- SGT	A1A2 Batch Test for certification of PY 10.19 : Examination of higher functions. BC 14.13 :Estimation of serum Bilirubin by manual/semi-autoanalyzer method- Revision Practical (batch B1B2)

27.06.2025 Friday	**CM 2.4: Describe social psychology, community behaviour and community relationship and their impact on health and disease- Lecture**	**AN43.2: Histology of Salivary Glands – Lecture**	**SGT**	**PY10.4-10.6 Student Seminars**	**AN38.1: Larynx- dissection/ demonstration**
30.06.2025 Monday	**AN 39.1,39.2: Tongue-Lecture**	**BC10.1: Describe nucleotides and nucleic acids and their clinical significance- SGT**	**AN39.1: Tongue- dissection/ demonstration**	**PY 10.9 Describe the course of descending tracts (pyramidal and extra pyramidal), its clinical implications including difference in Upper motor neuron (UMN)and lower motor neuron (LMN) lesions -Lecture**	**AN43.2: Histology of Salivary Glands – Histology Practical A1A2 Batch** **B1B2 Batch PY 10.19 : Examination of sensory system.**
JULY 2025					
Date / Day	**8am to 9am**	**9am to 10am**	**10am to 12 Noon**	**12 Noon - 1pm**	**2pm to 4pm**
1.07.2025 Tuesday	**PY 10.10 Discuss types and clinical features of spinal cord lesions (complete, incomplete transection and hemisection - Brown Sequard syndrome)- Lecture**	**AN40.1-40.5:Organs of hearing and equilibrium- Lecture** **VI-ENT**	**AN40.1,40.2:Organs of hearing and equilibrium- dissection/ demonstration**	**AN43.5,43.6: Surface Marking of Head & Neck- Demonstration/ Practical**	**AN43.2: Histology of Salivary Glands – Histology Practical B1B2 Batch** **A1A2 Batch PY 10.19 : Examination of sensory system.**
2.07.2025 Wednesday	**BC10.1: Describe nucleotides and nucleic acids and their clinical significance- Lecture** **Integration with Medicine**	**AN43.4 Describe the development and developmental basis of congenital anomalies of face,palate, tongue, branchial apparatus, pituitary gland, thyroid gland & eye- Embryology lecture**	**AN43.7,43.9: Radiology of Head & Neck- Demonstration / Practical**	**PY10.9 and 10.10 SDL**	**B1B2 Batch Test for certification of PY 10.19 : Examination of sensory system.** **BC 14.10:Estimation of serum Uric acid- Practical (batch**

					A1A2)
3.07.2025 Thursday	AN41.1-41.3: Eye ball VI: Opthal	PY10.14 Discuss functional anatomy of thalamus , its connections, functions and clinical abnormalities - Lecture	AN41.1,41.3: Eye ball- Demonstration / Dissection	BC10.2: Describe briefly synthesis of purines in the body with special stress on salvage pathway- Lecture	A1A2 Batch Test for certification of PY 10.19 : Examination of sensory system. BC 14.10:Estimation of serum Uric acid- Practical (batch B1B2)
4.07.2025 Friday	CM 2.5: Describe poverty and social security measures and its relationship to health and disease- Lecture	AN43.2 Histology of Pituitary GlandAN43.3 Histology of Pineal Gland -Lecture	FAMILY ADOPTION PROGRAM		PCT- Head & Neck- Written
5.07.2025 Saturday	BC10.2: Describe briefly synthesis of purines in the body with special stress on salvage pathway- SDL	Anatomy- Revision	AETCOM	PY11.1 Describe and discuss physiology of smell and its applied aspects- Lecture	PCT- Head & Neck- Practical
7.07.2025 Monday	AN56.1,56.2: Meninge & CSF- Lecture VI- General Medicine	BC10.3: Describe the degradation of purines and its significance with associated disorders- Lecture	AN56.1,56.2: Meninges & CSF Dissection/Demo tration.	PY10.11 Describe functional anatomy of cerebellum, its connections, functions and clinical abnormalities- Lecture	AN43.2 Histology of Pituitary GlandAN43.3 Histology of Pineal Gland Histology Practical A1A2 Batch B1B2 Batch PY 10.19 : Examination of motor system.
8.07.2025 Tuesday	PY10.11 Describe functional anatomy of cerebellum, its connections, functions and clinical abnormalities- Lecture	AN57.1,57.2,57.3: Spinal cord-Lecture	CM 5.1:Describe the common sources of various nutrients and special nutritional requirements according to age, sex, activity, physiological conditions-SGD CM 5.2: Describe and demonstrate the correct method of performing a nutritional assessment of		AN43.2 Histology of Pituitary GlandAN43.3 Histology of Pineal Gland Histology Practical B1B2 Batch A1A2 Batch PY 10.19 : Examination of motor

			individuals, families and the community by using the appropriate method-SGD CM 5.3: Define and describe common nutrition related health disorders (including macro-PEM, Micro-iron, Zn, iodine, Vit. A), their control and management- Lecture VI- General Medicine, Pediatrics		system.
9.07.2025 Wednesday	BC10.4: Describe in brief the major steps involved in Replication, Transcription, and translation- Lecture	AN43.4 Describe the development and developmental basis of congenital anomalies of face,palate, tongue, branchial apparatus, pituitary gland, thyroid gland & eye- Embryology lecture	AN57.1,57.2: Spinal cord- Dissection/Demonstration.	PY11.2 Describe and discuss physiology of taste sensation and applied aspects- SGT	B1B2 Batch Test for certification of PY 10.19 : Examination of motor system. BC 14.10:Estimation of serum Uric acid- Practical (batch A1A2)- Revision
10.07.2025 Thursday	AN57.4, 57.5: SpinalCord-Lecture HI - Physiology VI-GM	PY10.12 Discuss functional anatomy of basal ganglia , its connections, functions and Clinical abnormalities- Lecture	Research presentation	BC10.4: Describe in brief the major steps involved in Replication, Transcription, and translation- SGT	A1A2 Batch Test for certification of PY 10.19 : Examination of motor system. BC 14.10:Estimation of serum Uric acid-Practical (batch B1B2)- Revision
11.07.2025 Friday	CM 5.7: Describe Food Hygiene - Lecture VI- Microbiology	AN43.2: Histology of Thyroid and Parathyroid- Lecture	SGT	P10.11 and 10.12 SGT	SDL- Spinal Cord
14.07.2025 Monday	AN58.1-,58.4: Medulla Oblongata - Lecture	BC10.4: Describe in brief the major steps involved in Replication, Transcription, and translation- LECTURE	AN58.1: Medulla Oblongata - Demonstrati	PY11.3 and 11.4 Describe and discuss functional anatomy of ear and auditory pathways, vestibular apparatus and equilibrium;	AN43.2: Histology of Thyroid and Parathyroid-Histology Practical A1A2 Batch

	HI – Physiology		on	Discuss physiology of hearing, pathophysiology of deafness and hearing tests - Lecture	B1B2 Batch PY 10.19 : Examination of reflexes.
15.07.2025 Tuesday	PY11.3 and 11.4 Describe and discuss functional anatomy of ear and auditory pathways, vestibular apparatus and equilibrium; Discuss physiology of hearing, pathophysiology of deafness and hearing tests - Lecture	AN59.1,59.2,59.3: Pons- Lecture	AN59.1: Pons - Demonstration	AN59.1: Pons- Demonstration	AN43.2: Histology of Thyroid and Parathyroid-Histology Practical B1B2 Batch A1A2 Batch PY 10.19 : Examination of reflexes.
16.07.2025 Wednesday	BC10.4: Describe in brief the major steps involved in Replication, Transcription, and translation- Lecture	AN73.1-AN73.3: Chromosomes- Genetics Lecture	Tutorial- home assignment	PY11.3 and 11.4- SGT	B1B2 Batch Test for certification of PY 10.19 : Examination of reflexes. BC 14.8: estimation of serum urea and calculate urea clearance -Practical Revision (Batch A1A2)
17.07.2025 Thursday	AN60.1,60.2: rebellum – Lecture	PY10.13 Discuss the mechanism of maintenance of tone, posture and control of body movements - Lecture	AN60.1: rebellum Demonstration	BC10.4: Describe in brief the major steps involved in Replication, Transcription, and translation- Lecture	A1A2 Batch Test for certification of PY 10.19 : Examination of reflexes. BC 14.8: estimation of serum urea and calculate urea clearance -Practical Revision (Batch B1B2)
18.07.2025 Friday	CM 5.8: Describe and discuss the importance and methods of food fortification and effects of additives and adulteration-	AN 43.2: Histology of cornea & Retina AN 43.3 histology of eyelid, sclero-corneal junction, optic nerve -Lecture	SGT	P10.11-10.12SDL	AN60.1: Cerebellum Demonstration

	Lecture				
19.07.2025 Saturday	**PY11.5 Discuss functional anatomy of eye, visual pathway, light and pupillary reflex and clinical implication of lesions in visual pathway- Lecture**	**AN60.1,60.2: Cerebellum – Lecture**	**SGT**		**AN60.1: Cerebellum Demonstration**
21.07.2025 Monday	**AN61.1,61.2, 61.3: Midbrain – Lecture**	**BC10.4: Describe in brief the major steps involved in Replication, Transcription, and translation- Lecture**	**AN61.1: Midbrai Demonstration**	**PY 11.6 Discuss physiology of image formation, refractive errors and physiological principles of its management- Lecture**	**AN 43.2: Histology of cornea & Retina AN 43.3 histology of eyelid, sclero-corneal junction, optic nerve-Histology Practical A1A2 Batch** **B1B2 Batch PY 10.20 : Examination of cranial nerves (I - VI)**
22.07.2025 Tuesday	**PY10.15 Discuss functional anatomy of hypothalamus and limbic system , its connections, functions and clinical abnormalities - Lecture**	**AN62.1: Cranial nerve nuclei Cerebral Hemispheres – Lecture** **HI- Physiology** **VI- General Medicine**	**ECE**		**AN 43.2: Histology of cornea & Retina AN 43.3 histology of eyelid, sclero-corneal junction, optic nerve-Histology Practical B1B2 Batch** **A1A2 Batch PY 10.20 : Examination of cranial nerves (I - VI)**
23.07.2025 Wednesday	**BC10.5: Describe the types of DNA repair, gene mutations and associated disorders- Lecture**	**AN74.1-AN74.4: Patterns of inheritance- Genetics Lecture**	**Revision- Brainstem & cerebellum**	**PY11.5-11.6 SGT**	**B1B2 Batch PY 10.20 : Examination of cranial nerves (V1I - XII)** **BC 14.9: estimation of serum creatinine and calculate creatinine clearance -Practical Revision (Batch A1A2)**
24.07.2025 Thursday	**AN62.1: Cranial nerve nuclei**	**PY11.7 Discuss physiology of vision including colour**	**Community Medicine**	**C10.6: Describe basic mechanism of**	**A1A2 Batch PY 10.20 :**

	Cerebral Hemispheres – Lecture HI- Physiology VI- General Medicine	vision and colour blindness- Lecture	Internal Exam- Ist	regulation of gene expression- Lecture	Examination of cranial nerves (V1I - XII) BC 14.9: estimation of serum creatinine and calculate creatinine clearance -Practical Revision (Batch B1B2)
25.07.2025 Friday	CM 5.4: Plan and recommend a suitable diet for the individuals and families based on local availability of foods and economic status, etc. in a simulated environment- SGD	N43.2:Histology of tongue, epiglottis AN43.3 histology of lip, factory epithelium, organ o corti-Lecture	SGT	PY10.16 Discuss functional anatomy of cerebral cortex, its connections, functions and Clinical abnormalities- SGT	AN62.2: Cranial nerve nuclei Cerebral Hemispheres – demonstration
28.07.2025 Monday	AN62.2: Cranial nerve nuclei Cerebral Hemispheres – Lecture HI- Physiology VI- General Medicine	BC10.6: Describe basic mechanism of regulation gene expression- SGT	AN62.2: Cranial nerve nuclei Cerebral Hemispheres – demonstration	PY10.18 Discuss the physiological basis of memory, learning and speech and clinical alterations in speech- Lecture	AN43.2:Histology of tongue, epiglottis AN43.3 histology of lip, olfactory epithelium, organ of corti-Histology Practical A1A2 Batch B1B2 Batch Test for certification of PY 10.20 : Examination of cranial nerves (I - V1)
29.07.2025 Tuesday	PY10.17 Discuss the structure and functions of reticular activating system, sleep physiology and EEG waveforms during sleep wake cycle - Lecture	AN62.3:Describe the white matter of cerebrum- Lecture HI- Physiology VI- General Medicine	AN62.2: Cranial nerve nuclei Cerebral Hemispheres – demonstration	AN62.2: Cranial nerve nuclei Cerebral Hemispheres – demonstration	AN43.2:Histology of tongue, epiglottis AN43.3 histology of lip, olfactory epithelium, organ of corti- Histology Practical B1B2 Batch. A1A2 Batch Test for certification of PY 10.20 : Examination of cranial nerves (I - V1)
30.07.2025 Wednesday	BC10.6: Describe basic mechanism of regulation of gene expression-	AN75.1-AN75.5: Principles of genetics, chromosal aberrations & clinical genetics-:	Revision- cerebral hemisphere	PY10.17 SGT	B1B2 Batch Test for certification of PY 10.20 : Examination of cranial

	SDL	Genetics Lecture			nerves (VII - X1I) BC 14.18: Demonstrate & observe techniques: PAGE, TLC, ISE, ELISA, Immunodiffusion, Autoanalyzer & DNA isolation.-Practical (Batch A1A2)
31.07.2025 Thursday	AN 62.4 Describe the parts & major connections of basal ganglion & limbic lobe Lecture	PY12.1 and 12.2- Temperature regulation, fever, cold injuries and heat stroke- Lecture	AN62.2: Cranial nerve nuclei Cerebral Hemispheres – demonstration	BC10.7: Describe applications of molecular technologies like recombinant DNA technology and PCR in the diagnosis and treatment of diseases. Briefly discuss microarray, FISH, CRISPR- Lecture	A1A2 Batch Test for certification of PY 10.20 : Examination of cranial nerves (VII - X1I) BC 14.18: Demonstrate & observe techniques: PAGE, TLC, ISE, ELISA, Immunodiffusion, Autoanalyzer & DNA isolation.-Practical (Batch B1B2)
AUGUST 2025					
1.08.2025 Friday	CM 2.1: Describe the steps and perform clinico socio-cultural and demographic assessment of the individual, family and community- SGD	AN64.1: Histology of spinal cord & cerebrum –Lecture	FAMILY ADOPTION PROGRAM		AN62.2: Cranial nerve nuclei Cerebral Hemispheres – demonstration
2.08.2025 Saturday	BC10.7: Describe applications of molecular technologies like recombinant DNA technology and PCR in the	AN 62.5 Describe ındaries, parts, gross ations, major nuclei and nections of dorsal thalamu othalamus, epithalamus, tathalamus and thalamus - Lecture HI- Physiology	ECE- Neurology departmen t	ECE Dept of Ophthalmology PY11.6	AN62.6: Cranial nerve nuclei Cerebral Hemispheres – demonstration

	diagnosis and treatment of diseases. Briefly discuss microarray, FISH, CRISPR- Lecture				
4.08.2025 Monday	AN62.6:Describe & ntify formation, nches & major areas tribution of circle of llis-Lecture	BC13.3: Discuss briefly HIV and Biochemical changes in AIDS- Lecture	AN62.2: Cranial nerve nuclei Cerebral Hemispheres – demonstrati on	AETCOM	AN64.1: Histology of spinal cord & cerebrum- Histology Practical A1A2 Batch B1B2 Batch : Perimetery.
5.08.2025 Tuesday	Revision CNS and Special Senses	AN63.1, 63.2: Ventricular System- Lecture HI- Physiology	AN63.1, 63.2: Ventricular System- Demonstrati on	AN63.1, 63.2: Ventricular System- Demonstration	AN64.1: Histology of spinal cord & cerebrum- Histology Practical B1B2 Batch A1A2 Batch : Perimetery.
6.08.2025 Wednesday	BC13.5: Describe the role of Artificial Intelligence in clinical Biochemistry laboratory practices- Lecture	AN64.2: Describe the evelopment of neural tube, nal cord, medulla oblongat pons, midbrain, cerebral emisphere & cerebellum- Embryology Lecture	AN63.1, 63.2: Ventricular System- Demonstrati on	PY12.1 and 12.2- Temperature regulation, fever, cold injuries and heat stroke SGT	B1B2 Batch : Perimetry revision. PBL -revision -Practical (A1A2 batch)
7.08.2025 Thursday	63.3: Describe the olfactory, visual, auditory & gustatory Pathways- Lecture HI- Physiology	PY12.3 Discuss cardio-respiratory and metabolic adjustments during exercise (isometric and isotonic), effects of physical training under different environmental conditions (heat and cold)- Lecture	Embryology Practical/ Museum visit	BC13.5: Describe the role of Artificial Intelligence in clinical Biochemistry laboratory practices- SGT	A1A2 Batch : Perimetry revision. PBL -revision -Practical (B1B2 batch
8.08.2025 Friday	CM 2.2: Describe the socio-cultural factors, mily (types), its role i health and disease & monstrate in a simulat	AN64.1: Histology of cerebellum–Lecture	SGT	PY12.7 and 12.8 - SGT	Anatomy revision

	nvironment the correct assessment of socio-economic status- SGD				
11.08.2025 Monday	**Anatomy revision**	**SGT: Biochemistry Revision**	**Anatomy revision**	**PY12.5 Describe physiology of Infancy, Interpret growth charts and anthropometric assessment of infants -ECE with Paediatric department**	**AN64.1: Histology of cerebellum-Histology Practical A1A2 Batch** **B1B2 Batch : OSCE test.**
12.08.2025 Tuesday	**PY12.4 Discuss physiological consequences of sedentary lifestyle; metabolic and endocrinal consequences of obesity & metabolic syndrome. and 12.6 Describe and discuss physiology of aging, role of free radicals and antioxidants Lecture**	**Anatomy revision**	**Anatomy revision**	**Anatomy revision**	**AN64.1: Histology of cerebellum-Histology Practical B1B2 Batch** **A1A2 Batch : OSCE test.**
13.08.2025 Wednesday	**SGT: Biochemistry Revision**	**Embryology revision**	**Anatomy revision**	**Physiology Revision**	**B1B2 Batch : Revision of all practicals.** **OSPE : Revision -Practical A1A2 batch**
14.08.2025 Thursday	**Anatomy revision**	**Physiology Revision**	**Anatomy revision**	**SGT: Biochemistry Revision**	**A1A2 Batch : Revision of all practicals.** **OSPE : Revision -Practica B1B2 batch**
15.08.2025 Friday	**HOLIDAY- INDEPENDENCE DAY**				
16.08.2025 Saturday	**HOLIDAY- JANMASHTAMI**				

18.08.2025- 30.08.2025 PRE UNIVERSITY EXAMINATION

31.08.2025- 07.09.2025 PREPARATORY LEAVES

08.09.2025-20.09.2025 ANNUAL EXAMINATION

- **Red font - Anatomy**
- **Total lectures- 180 Hours**
- **SGT/Practical/Tutorials/Seminars- 452**
- **Self directed Learning- 10 hours**
- **Early clinical exposure- 9 hours**
- **Integrated topics- underlined**

- **Blue Font-Biochemistry**
- **Total lectures- 82 hours**
- **Self directed learning-10 hours**
- **SGT/ Practical/ Tutorials/Seminars- 167 hours**
- **Total teaching hours -259**
- **Early clinical exposure(ECE)- 9 hours**
- **Integrated topics-underlined**

- **Violet font- Physiology**
- **Total lectures - 130 hrs**
- **Self directed learning -10 hrs**
- **SGT/Practical/Tutorials/Seminars - 305 hrs**
- **Total teaching hours- 445 hours**
- **Early clinical Exposure (ECE)- 9 hrs**
- **Integrated topics- Underlined topics**

- **Green font- Community Medicine**
- **Total lectures- 20 hrs**
- **Small Group learning (SGD)- 19 hrs**
- **Family Adoption Program- 27 hrs**
- **Integrated topics- underlined**