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B. J. MEDICAL COLLEGE, AHMEDABAD

Date/Day+A1:R5	09 AM to 10 AM		10 AM to 11 AM		11 AM to 12 PM		12 PM to 1 PM		2 PM to 3 PM Anatomy/ Physiology/Biochemistry : [Practical in Haematology Laboratory] SGT/DOAP/Tutorials/Seminar/SDL/Case Presentations/ECE			3 PM to 4 PM Anatomy/ Physiology/Biochemistry : [Practical in Amphibian /Mammalian / Clinical Laboratory] SGT/DOAP/Tutorials/Seminar/SDL/Case Presentations/ECE			4 PM to 5 PM Anatomy/ Physiology/Biochemistry : [Practical in Biochemistry Laboratory] SGT/DOAP/Tutorials/Seminar/SDL/Case Presentations/ECE								
	Topic	Competency	Topic	Competency	Topic	Competency	Topic	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency
28/12/2020 Monday	Introduction to the subject,syllabus,teaching and assessment methodology	All Teachers	Biochemical Bassis of evolution of life & Introduction of Medicine and Biochemistry,	BI1.1 Describe the molecular and functional organization of a cell and its subcellularcomponents. (HI-PY)	Introduction to cell & General Physiology 1	PY 1.1 Describe the structure and functions of a mammalian cell part 1	Homeostasis & Body Fluids HI Biochemistry(integration)	PY 1.2 Describe and discuss the principles of homeostasis	A	Introduction to laboratory study of appliances 1	PY2.1 Describe the composition and functions of blood components	B	Introduction to laboratory study of appliances 2	P Y 3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments	C	Introduction to laboratory study of appliances 3	safe laboratory practice and waste disposal.	D	Introduction to Laboratory, Instruments, Glasswares, & Biosafety in Laboratory, General Instruction	**BI 11.1** Describe commonly used laboratory apparatus and equipments, goodsafe laboratory practice and waste disposal. **BI11.16** Observe use of commonly used equipments / techniques in biochemistry laboratory.	E	Vitamin A & E	BI6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency.
29-12-2020 Tuesday	Introduction by head of the department	AETCOM – 1.1	Introduction by head of the department	AETCOM – 1.1	introduction to department by video		introduction to department by video			AN 1.1 Introduction and terminology of general anatomy interactive lecture			AN 1.1 Introduction and terminology of general anatomy interactive lecture			AN 1.1 Introduction and terminology of general anatomy (Practical+SG)							
30/12/2020 Wednesday	Cell & Cell Organelle (HI-PY)	BI1.1 Describe the molecular and functional organization of a cell and its subcellularcomponents. (HI-PY)	structures and function of cell organelles	PY 1.1 Describe the structure and functions of a mammalian cell part 2	Structure and Function of Cell Membrane 2 & intercellular communication	PY 1.3 Describe intercellular communication PY 1.9 methods for intracellular communication in clinical research	Homeostasis & Body Fluids	PY 1.6 Describe and discuss the principles of homeostasis, Describe the fluid compartments of the body, its ionic composition & measurements	**B**	Introduction to laboratory study of appliances 1	PY2.1 Describe the composition and functions of blood components	**C**	Introduction to laboratory study of appliances 2	P Y 3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments	D	Introduction to laboratory study of appliances 3	safe laboratory practice and waste disposal.	E	Introduction to Laboratory, Instruments, Glasswares, & Biosafety in Laboratory, General Instruction	**BI 11.1** Describe commonly used laboratory apparatus and equipments, goodsafe laboratory practice and waste disposal. **BI11.16** Observe use of commonly used equipments / techniques in biochemistry laboratory.	A	Vitamin A & E	BI6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency.
31-12-2020 Thursday	AN 1.2, 2.1 Bone-1 interactive lecture		AN 1.2, 2.1 Bone-1 interactive lecture		AN 2.1 Bones - identification & parts (practical + SG) YOUTUBE VIDEO UPLOADED		AN 2.1 Bones - identification & parts (practical + SG) YOUTUBE VIDEO UPLOADED			AN 2.1 Bones - identification & parts (practical + SG) YOUTUBE VIDEO UPLOADED			AN 2.1 Bones - identification & parts (practical + SG) YOUTUBE VIDEO UPLOADED			AN 2.1 Bones - identification & parts (practical + SG) YOUTUBE VIDEO UPLOADED							
01/01/2021 Friday	Molecular basis of Resting membrane potential part 1	PY1.8 Describe and discuss the molecular basis of resting membranpotential and action potential in excitable tissue	Passive transport 1 HI Biochemistry	PY 1.5 Describe and discuss transport mechanisms across cell membranes	Cell Membrane (HI-PY)	BI1.1 Describe the molecular and functional organization of a cell and its subcellularcomponents. (HI-PY)	Apoptosis – programmed cell death HI Pathology	PY1.4 Describe apoptosis – programmed cell death	**C**	Introduction to laboratory study of appliances 1	PY2.1 Describe the composition and functions of blood components	**D**	Introduction to laboratory study of appliances 2	P Y 3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments	E	Introduction to laboratory study of appliances 3	safe laboratory practice and waste disposal.	A	Introduction to Laboratory, Instruments, Glasswares, & Biosafety in Laboratory, General Instruction	**BI 11.1** Describe commonly used laboratory apparatus and equipments, goodsafe laboratory practice and waste disposal. **BI11.16** Observe use of commonly used equipments / techniques in biochemistry laboratory.	B	Vitamin A & E	BI6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency.
02-01-2021 Saturday	AN 2.2 to 2.4 Bone-2 interactive lecture (VI-OR)		AN 2.2 to 2.4 Bone-2 interactive lecture (VI-OR)		AN 2.2 to 2.4 Bones & cartilage - classification (SG + DOAP session) (VI-OR) YOUTUBE VIDEO UPLOADED		AN 2.2 to 2.4 Bones & cartilage - classification (SG + DOAP session) (VI-OR) YOUTUBE VIDEO UPLOADED																
04-01-2021 Monday	Transport across cell membrane (HI-Physiology)	BI1.1 Describe the molecular and functional organization of a cell and its subcellularcomponents	Passive transport-2 HI Biochemistry	PY 1.5 Describe and discuss transport mechanisms across cell membranes	Molecular basis of Resting membrane potential part 2	PY1.8 Describe and discuss the molecular basis of resting membranpotential and action potential in excitable tissue	Introduction to blood	PY 2.1 Describe the composition and functions of blood components	D	Study of appliances - part 1	PY2.1 Describe the composition and functions of blood components	E	Study of appliances - Part 2	P Y 3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments	A	Introduction to laboratory study of appliances 3	safe laboratory practice and waste disposal.	B	Introduction to Laboratory, Instruments, Glasswares, & Biosafety in Laboratory, General Instruction	**BI 11.1** Describe commonly used laboratory apparatus and equipments, goodsafe laboratory practice and waste disposal. **BI11.16** Observe use of commonly used equipments / techniques in biochemistry laboratory.	C	Vitamin A & E	BI6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency.
05-01-2021 Tuesday	AN 2.5 Joint-1 Interactive lecture (VI-OR)		AN 4.1 to 4.5 Skin and fascia interactive lecture (vi-dv)		AN 2.5 Joints - location & types on articulated skeleton (practical + SG) (VI-OR) YOUTUBE VIDEO UPLOADED		AN 2.5 Joints - location & types on articulated skeleton (practical + SG) (VI-OR) YOUTUBE VIDEO UPLOADED			AN 4.1, 4.2, 4.5 Skin - types, structure, function, appendages, dermatome, various incisions (SG) (VI-DV) YOUTUBE VIDEO UPLOADED			AN 4.3, 4.4 Fascia & connective tissue, distribution and function (SGT) (VI-DV)YOUTUBE VIDEO UPLOADED										
06-01-2021 Wednesday	Introduction to Nerve Physiology	PY 3.1 Describe the structure and functions of a neuron and neuroglia; Discuss Nerve Growth Factor & other growth factors/cytokines	Active transport-1 HI Biochemistry	PY 1.5 Describe and discuss transport mechanisms across cell membranes	Amino acids- Classification, General physical & Chemical Properties	BI5.1 Describe and discuss structural organization of proteins.	plasma proteins HI Biochemistry	PY2.2 Discuss the origin, forms, variations and functions of plasma proteins	E	Study of appliances part 1	PY2.1 Describe the composition and functions of blood components	A	Study of appliances part 2	P Y 3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments	B	Study of appliances part 3	safe laboratory practice and waste disposal.	C	Introduction to Laboratory, Instruments, Glasswares, & Biosafety in Laboratory, General Instruction	**BI 11.1** Describe commonly used laboratory apparatus and equipments, goodsafe laboratory practice and waste disposal. **BI11.16** Observe use of commonly used equipments / techniques in biochemistry laboratory.	D	Vitamin A & E	BI6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency.
07-01-2021 Thursday	AN 2.5, 2.6 Joint-2 Interactive lecture (VI-OR)		AN 3.1 to 3.3 Muscle Interactive lecture (HI-PY)		AN 2.6 Joints - Nerve supply & movements on Articulated Skeleton + Living (SG + DOAP session) (VI-OR) YOUTUBE VIDEO UPLOADED		AN 3.1 to 3.3, 7.5 to 7.7 Muscle - types, nomenclature, parts, innervation (Practical + SG) (HI-PY) (VI-MI) YOUTUBE VIDEO UPLOADED			AN 73.1 to 73.3 Genetics – 1 introduction to genetics & chromosomes Interactive lecture			AN 73.2 Genetics - 2 Karyotyping Interactive lecture			AN 3.1 to 3.3, 7.5 to 7.7 Muscle - types, nomenclature, parts, innervation (Practical + SG) (HI-PY) (VI-MI) YOUTUBE VIDEO UPLOADED										
08-01-2021 Friday	Action Potential	PY 1.9 Describe and discuss the molecular basis of resting membrane potential and action potential in excitable tissue	Amino acids- Classification, General physical & Chemical Properties	BI5.1 Describe and discuss structural organization of proteins	Active transport-2 HI Biochemistry	PY 1.5 Describe and discuss transport mechanisms across cell membranes	Hemoglobin HI Biochemistry	PY2.3 Describe and discuss the synthesis and functions of Haemoglobin and explain its breakdown. Describe variants of haemoglobin	A	Hemoglobin estimation	P Y 2.11Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT P Y 2.5 Describe different types of anaemias & Jaundice	B	Frog's nerve muscle preparation and simple muscle curve ,gradation of stimuli and strength duration curve	P Y 3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experimentsP Y 3.17 Describe Strength-duration curve muscle experiments	C	Total WBC count	P Y 2.11Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT P Y 2.5 Describe different types of anaemias & Jaundice	D	Tests For Carbohydrates	**BI3.1** Discuss and differentiate monosaccharides, di-saccharides and polysaccharides giving examples of main carbohydrates as energy fuel. **BI3.8** Discuss and interprete laboratory results of analytes associated with metabolism of carbohydrates.	E	Hemoglobin Structure & Functions	BI6.12 Describe the major types of haemoglobin and its derivatives found in thebody and their physiological/ pathological relevance.& BI5.2 Describe and discuss functions of proteins and structure-functionrelationships in relevant areas eg, hemoglobin and
09-01-2021 Saturday	AN 5.1 to 5.8 Cardiovascular system		AN 75.1 to 75.4 Genetics – 3 chromosomal aberrations Interactive lecture (VI-PE)		AN 5.3 , 5.4 , 5.7 Identification of vessels, heart and it chambers (SG + DOAP session) YOUTUBE VIDEO UPLOADED		AN 5.3 , 5.4 , 5.7 Identification of vessels, heart and it chambers (SG + DOAP session) YOUTUBE VIDEO UPLOADED																
11/01/2021 Monday	Structural organization of Protein	BI5.1 Describe and discuss structural organization of proteins.	Functional Anatomy of nerve & Types of nerve fibers (Neurons, Neuroglia & peripheral Nerve)	PY 3.1 Describe the structure and functions of a neuron and neuroglia; Discuss Nerve Growth Factor & other growth factors/cytokines	RBC (Morphology, Development & control of formation) 1	PY 2.4 Describe RBC formation (erythropoiesis & its regulation) and its functions	ANS -sympathetic nervous system	PY10.5 Describe and discuss structure and functions of reticular activating system and Autonomic nervous system	B	Hemoglobin estimation	P Y 2.11Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT P Y 2.5 Describe different types of anaemias & Jaundice	C	Frog's nerve muscle preparation and simple muscle curve ,gradation of stimuli and strength duration curve	P Y 3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experimentsP Y 3.17 Describe Strength-duration curve muscle experiments	D	Total WBC count	P Y 2.11Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT P Y 2.5 Describe different types of anaemias & Jaundice	E	Tests For Carbohydrates	**BI3.1** Discuss and differentiate monosaccharides, di-saccharides and polysaccharides giving examples of main carbohydrates as energy fuel. **BI3.8** Discuss and interprete laboratory results of analytes associated with metabolism of carbohydrates.	A	Hemoglobin Structure & Functions	BI6.12 Describe the major types of haemoglobin and its derivatives found in thebody and their physiological/ pathological relevance.& BI5.2 Describe and discuss functions of proteins and structure-functionrelationships in relevant areas eg, hemoglobin and
12-01-2021 Tuesday	AN 7.1 to 7.4 Nervous System-1 Interactive lecture (HI-PY)		AN 6.1 to 6.3 Lymphatics System Interactive lecture (VI-SU)		AN 7.1 to 7.3 Parts of nervous system, Cells of nervous system (Practical + SG) (HI-PY) Youtube video uploaded		AN 7.1 to 7.3 Parts of nervous system, Cells of nervous system (Practical + SG) (HI-PY) Youtube video uploaded			AN 74.1 - 74.4 Genetice - 4 Inheritance Interactive lecture (VI - IM, VI-PE)			AN 81.1 to 81.3 Genetics - 5 Prenatal diagnosis Interactive lecture (VI-PE)			AN 7.1 to 7.3 Parts of nervous system, Cells of nervous system (Practical + SG) (HI-PY) Youtube video uploaded										
13/01/2021 Wednesday	RBC (Morphology, Development & control of formation) 2	PY 2.4 Describe RBC formation (erythropoiesis & its regulation) and its functions	ANS -parasympathetic nervous system	PY10.5 Describe and discuss structure and functions of reticular activating system and Autonomic nervous system	Structural and functional correlation of Protein (Haemoglobin & Collagen)	BI5.2 Describe and discuss functions of proteins and structure-functionrelationships in relevant areas eg, hemoglobin and selectedhemoglobinopathies (HI-Physiology)	Types of Nerve Fiber (HI - Human anatomy)	PY3.2 Describe the types, functions & properties of nerve fibers	C	Hemoglobin estimation	P Y 2.11Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT P Y 2.5 Describe different types of anaemias & Jaundice	D	Frog's nerve muscle preparation and simple muscle curve ,gradation of stimuli and strength duration curve	P Y 3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experimentsP Y 3.17 Describe Strength-duration curve muscle experiments	E	Total WBC count	P Y 2.11Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT P Y 2.5 Describe different types of anaemias & Jaundice	A	Tests For Carbohydrates	**BI3.1** Discuss and differentiate monosaccharides, di-saccharides and polysaccharides giving examples of main carbohydrates as energy fuel. **BI3.8** Discuss and interprete laboratory results of analytes associated with metabolism of carbohydrates.	B	Hemoglobin Structure & Functions	BI6.12 Describe the major types of haemoglobin and its derivatives found in thebody and their physiological/ pathological relevance.& BI5.2 Describe and discuss functions of proteins and structure-functionrelationships in relevant areas eg, hemoglobin and
14-01-20121Thursday	**Holiday**	**Uttarayan**																				

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B. J. MEDICAL COLLEGE, AHMEDABAD

Date/Day+A1:R5	09 AM to 10 AM		10 AM to 11 AM		11 AM to 12 PM		12 PM to 1 PM		2 PM to 3 PM Anatomy/ Physiology/Biochemistry : [Practical in Haematology Laboratory] SGT/DOAP/Tutorials/Seminar/SDL/Case Presentations/ECE			3 PM to 4 PM Anatomy/ Physiology/Biochemistry : [Practical in Amphibian /Mammalian / Clinical Laboratory] SGT/DOAP/Tutorials/Seminar/SDL/Case Presentations/ECE			4 PM to 5 PM Anatomy/ Physiology/Biochemistry : [Practical in Biochemistry Laboratory] SGT/DOAP/Tutorials/Seminar/SDL/Case Presentations/ECE								
	Topic	Competency	Topic	Competency	Topic	Competency	Topic	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency
15/01/2021 Friday	ANS -actions and applied asprects	PY10.5 Describe and discuss structure and functions of reticular activating system and Autonomic nervous system	Carbohydrate - Classification, Monosaharides General physical & Chemical Properties	BI3.1 Discuss and differentiate monosaccharides, di-saccharides andpolysaccharides giving examples of main carbohydrates as energy fuel,structural element and storage in the human body	Anemias HI Biochemistry , VI-Pathology,	PY2.5 Describe different types of anaemias & Jaundice	Properties of Nerve Fiber 1 (HI - Human anatomy)	PY3.2 Describe the types, functions & properties of nerve fibers	D	Hemoglobin estimation	P Y 2.11Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT P Y 2.5 Describe different types of anaemias & Jaundice	E	Frog's nerve muscle preparation and simple muscle curve ,gradation of stimuli and strength duration curve	P Y 3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experimentsP Y 3.17 Describe Strength-duration curve muscle experiments	A	Total WBC count	P Y 2.11Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT P Y 2.5 Describe different types of anaemias & Jaundice	B	Tests For Carbohydrates	**BI3.1** Discuss and differentiate monosaccharides, di-saccharides and polysaccharides giving examples of main carbohydrates as energy fuel. **BI3.8** Discuss and interprete laboratory results of analytes associated with metabolism of carbohydrates.	C	Hemoglobin Structure & Functions	BI6.12 Describe the major types of haemoglobin and its derivatives found in thebody and their physiological/ pathological relevance.& BI5.2 Describe and discuss functions of proteins and structure-functionrelationships in relevant areas eg, hemoglobin and
16-01-2021 Saturday	AN 7.5 to 7.8 Nervous System-2 Interactive lecture (HI-PY) (VI-MI)		AN 75.5 Genetics - 6 Genetic counselling & recent advances Interactive lecture (VI-PE)		AN 7.1, 7.4, 7.5, 7.8 Nerve fibres and their types, plexus & ANS (SG) (HI-PY) (VI-MI) YOUTUBE VIDEO UPLOADED		AN 7.1, 7.4, 7.5, 7.8 Nerve fibres and their types, plexus & ANS (SG) (HI-PY) (VI-MI) YOUTUBE VIDEO UPLOADED																	
18/01/2021 Monday	Carbohydrate - Classification, Disacharides General physical & Chemical Properties	BI3.1 Discuss and differentiate monosaccharides, di-saccharides andpolysaccharides giving examples of main carbohydrates as energy fuel,structural element and storage in the human body	Jaundice HI Biochemistry , VI-Pathology,	PY2.5 Describe different types of anaemias & Jaundice	Properties of Nerve Fiber 2	PY 3.2 Describe the types, functions & properties of nerve fibers	Functional anatomy of respiratory tract	PY6.1 Describe the functional anatomy of respiratory tract	E	Hemoglobin estimation (VI : Pathology, HI: Biochemistry)	P Y 2.11Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT P Y 2.5 Describe different types of anaemias & Jaundice	A	Frog's nerve muscle preparation and simple muscle curve ,gradation of stimuli and strength duration curve	P Y 3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experimentsP Y 3.17 Describe Strength-duration curve muscle experiments	B	Total WBC count	P Y 2.11Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT P Y 2.5 Describe different types of anaemias & Jaundice	C	Tests For Carbohydrates	**BI3.1** Discuss and differentiate monosaccharides, di-saccharides and polysaccharides giving examples of main carbohydrates as energy fuel. **BI3.8** Discuss and interprete laboratory results of analytes associated with metabolism of carbohydrates.	D	Hemoglobin Structure & Functions	BI6.12 Describe the major types of haemoglobin and its derivatives found in thebody and their physiological/ pathological relevance.& BI5.2 Describe and discuss functions of proteins and structure-functionrelationships in relevant areas eg, hemoglobin and
19-01-2021, Tuesday	Part ending test	General anatomy & Genetics		Discussion about answer key of General Anatomy / Genetics test																			
20/01/2021 Wednesday	Mechanics of Respiration 1	PY 6.2 Describe the mechanics of normal respiration, pressure changesduring ventilation, lung volume and capacities, alveolar surface tension, compliance, airway resistance, ventilation, V/P ratio, diffusion capacity of lungs	Degeneration and regeneration in peripheral nerves	PY3.3 Describe the degeneration and regeneration in peripheral nerves	Carbohydrate - Polysaccharides (Homo & Hetero polysaccharide	BI3.1 Discuss and differentiate monosaccharides, di-saccharides andpolysaccharides giving examples of main carbohydrates as energy fuel,structural element and storage in the human body	Functional anatomy of CVS	PY 5.1 functional anatomy of heart	A	Effects of tonicity of saline and osmotic fragility of RBC (VI : Pathology, HI: Biochemistry)	P Y 2.12 Describe test for ESR, Osmotic fragility, Hematocrit. Note the findings and interpret the test results etc	B	Effects of temperature on skeletal muscle contraction and Effects of load on SMC	P Y 3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments	C	Total RBC count	P Y 2.11Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT P Y 2.5 Describe different types of anaemias & Jaundice	D	Tests for Proteins	**BI5.5** Discuss and interprete laboratory results of analytes associated with metabolism of Proteins.	E	Haem Synthesis & Porphyria	BI6.11 Describe the functions of haem in the body and describe the processesinvolved in its metabolism and describe porphyrin metabolism.
21-01-2021 to 30-01-2021	**Foundation course**		**Foundation course**		**Foundation course**			**Foundation course**			**Foundation course**			**Foundation course**									
2-02-2021 Tuesday	AN 13.1, 13.2, 13.8 Cutaneous nerves, superficial veins and lymphatic drainage of UL, development of UL Interactive lecture		AN 65.1., 65.2 Histology – Microscope & study of cell		ATCOM 1.5 CADAVARIC OTH		ATCOM 1.1 PANEL DISCUSSION			AN 8.1, 8.2 Tutorial Introduction to bones of upper limb (SGT)			Batch - A Histology practical / AN 9.1,10.11 Dissection - Pectoral region – 1 (Practical)			Batch - B Histology practical / AN 9.1,10.11 Dissection - Pectoral region – 1 (Practical)								
03/02/2021 WEDNESDAY	Lipids - Classification & Fatty Acids - Classification	BI4.1 Describe and discuss main classes of lipids (Essential/non-essential fattyacids, cholesterol and hormonal steroids, triglycerides, majorphospholipids and sphingolipids) relevant to human system and theirmajor functions. (VI-	ECE	ANAEMIA AND JAUNDICE	ECE	ANAEMIA AND JAUNDICE	ECE Jaundice case presentation SG	PY2.5 Describe different types of anaemias & Jaundice	B	Effects of tonicity of saline and osmotic fragility of RBC (VI : Pathology, HI: Biochemistry)	P Y 2.12 Describe test for ESR, Osmotic fragility, Hematocrit. Note the findings and interpret the test results etc	C	Effects of temperature on skeletal muscle contraction and Effects of load on SMC	P Y 3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments	D	Total RBC count	P Y 2.11Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT P Y 2.5 Describe different types of anaemias & Jaundice	E	Tests for Proteins	**BI5.5** Discuss and interprete laboratory results of analytes associated with metabolism of Proteins.	A	Haem Synthesis & Porphyria	BI6.11 Describe the functions of haem in the body and describe the processesinvolved in its metabolism and describe porphyrin metabolism.
4-02-2021 Thursday	AN 9.1,10.11 Pectoral region - 1 Interactive lecture		AN 76.1, 76.2 Embryology : Introduction Interactive lecture		AN 9.1,10.11 Dissection - Pectoral region – 2 (Practical)		AN 9.1,10.11 Dissection - Pectoral region – 2 (Practical)			AN 8.1 to 8.4 Tutorial - clavicle & Upper end of Humerus (VI-OR)			Batch - C Histology practical / AN 9.1,10.11 Dissection - Pectoral region – 2 (Practical)			Batch - D Histology practical / AN 9.1,10.11 Dissection - Pectoral region – 2 (Practical)								
05/02/2021 Friday	Neuro muscular junction 1	PY 3.5 Discuss the action of neuro-muscular blocking agents, PY 3.6 Describe the pathophysiology of Myasthenia gravis, PY 3.13 Describe muscular dystrophy: myopathies	WBC 1	PY 2.6 Describe WBC formation (granulopoiesis) and its regulation	Compound lipids (Phospholipids) - structure and functions	BI4.1 Describe and discuss main classes of lipids (Essential/non-essential fattyacids, cholesterol and hormonal steroids, triglycerides, majorphospholipids and sphingolipids) relevant to human system and	Properties of cardiac Muscles 1	PY5.2 Describe the properties of cardiac muscle including its morphology electrical, mechanical and metabolic functions	C	Effects of tonicity of saline and osmotic fragility of RBC (VI : Pathology, HI: Biochemistry)	P Y 2.12 Describe test for ESR, Osmotic fragility, Hematocrit. Note the findings and interpret the test results etc	D	Effects of temperature on skeletal muscle contraction and Effects of load on SMC	P Y 3.18 Observe with Computer assisted learning (i) amphibian nerve - P Y 3.17 Describe Strength-duration curve muscle experiments (ii) amphibian cardiac experiments	E	Total RBC count	P Y 2.11Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT P Y 2.5 Describe different types of anaemias & Jaundice	A	Tests for Proteins	**BI5.5** Discuss and interprete laboratory results of analytes associated with metabolism of Proteins.	B	Haem Synthesis & Porphyria	BI6.11 Describe the functions of haem in the body and describe the processesinvolved in its metabolism and describe porphyrin metabolism.
6-02-2021 Saturday	AN 9.2, 9.3 Pectoral region – 2 – Mammary gland Interactive lecture (VI-SU)		AN 10.3, 10.5, 10.6 Axilla - 1 Interactive lecture (VI-SU)		AN 8.1, 8.2 Tutorial Scapula – General features (SG + DOAP session) (VI-OR)		Dissection – Axilla (Practical) (VI-SU)																	
08/02/2021 Monday	WBC 2	PY 2.6 Describe WBC formation (granulopoiesis) and its regulation	Eicosanoids	BI4.6 Describe the therapeutic uses of prostaglandins and inhibitors ofeicosanoid synthesis. (VI-Medicine)	Mechanics of Respiration 2	PY 6.2 Describe the mechanics of normal respiration, pressure changesduring ventilation, lung volume and capacities, alveolar surface tension, compliance, airway resistance, ventilation, V/P ratio,	Neuro muscular junction 2	PY 3.5 Discuss the action of neuro-muscular blocking agents, PY 3.6 Describe the pathophysiology of Myasthenia gravis, PY 3.13 Describe muscular dystrophy: myopathies	D	Effects of tonicity of saline and osmotic fragility of RBC (VI : Pathology, HI: Biochemistry)	P Y 2.12 Describe test for ESR, Osmotic fragility, Hematocrit. Note the findings and interpret the test results etc	E	Effects of temperature on skeletal muscle contraction and Effects of load on SMC	P Y 3.18 Observe with Computer assisted learning (i) amphibian nerve - P Y 3.17 Describe Strength-duration curve muscle experiments (ii) amphibian cardiac experiments	A	Total RBC count	P Y 2.11Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT P Y 2.5 Describe different types of anaemias & Jaundice	B	Tests for Proteins	**BI5.5** Discuss and interprete laboratory results of analytes associated with metabolism of Proteins.	C	Haem Synthesis & Porphyria	BI6.11 Describe the functions of haem in the body and describe the processesinvolved in its metabolism and describe porphyrin metabolism.
9-02-2021 Tuesday	AN 10.4, 10.7 Axilla - 2 Interactive lecture (VI-SU)		AN 65.1, 65.2 Histology: Epithelium Interactive lecture		Dissection – Axilla (Practical) (VI-SU)		Dissection – Axilla (Practical) (VI-SU)			AN 8.1, 8.2, 8.4 Tutorial Scapula – Particular features (SG + DOAP session) (VI-OR)			Batch - A Histology practical / Dissection – Axilla (Practical) (VI-SU)			Batch - B Histology practical / Dissection – Axilla (Practical) (VI-SU)								
10/02/2021 Wednesday	Immunology	BI10.4 Describe & discuss innate and adaptive immune responses, self/non-selfrecognition and the central role of T-helper cells in immune responses.	IMMUNITY I HI Biochemistry , VI-Pathology,	PY 2.10 Define and classify different types of immunity. Describe the development of immunity and its regulation	Mechanics of Respiration 3	PY 6.2 Describe the mechanics of normal respiration, pressure changesduring ventilation, lung volume and capacities, alveolar surface tension, compliance, airway resistance, ventilation, V/P ratio,	Properties of cardiac Muscles 2	PY5.2 Describe the properties of cardiac muscle including its morphology electrical, mechanical and metabolic functions	E	Effects of tonicity of saline and osmotic fragility of RBC (VI : Pathology, HI: Biochemistry)	P Y 2.12 Describe test for ESR, Osmotic fragility, Hematocrit. Note the findings and interpret the test results etc	A	Effects of temperature on skeletal muscle contraction and Effects of load on SMC	P Y 3.18 Observe with Computer assisted learning (i) amphibian nerve - P Y 3.17 Describe Strength-duration curve muscle experiments (ii) amphibian cardiac experiments	B	Total RBC count	P Y 2.11Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT P Y 2.5 Describe different types of anaemias & Jaundice	C	Tests for Proteins	**BI5.5** Discuss and interprete laboratory results of analytes associated with metabolism of Proteins.	D	Haem Synthesis & Porphyria	BI6.11 Describe the functions of haem in the body and describe the processesinvolved in its metabolism and describe porphyrin metabolism.
11-02-2021 Thursday	AN 10.8, 10.9 Back Interactive lecture		AN 77.3 Embryology: Male Repro - Spermatogenesis Interactive lecture (VI-OG)		AN 10.8, 10.9 Dissection – Back (Practical)		AN 10.8, 10.9 Dissection – Back (Practical)			AN 8.1, 8.2, 8.4 Tutorial-Humerus (SG + DOAP session) (VI-OR)			Batch - C Histology practical / Dissection – Back (Practical) (VI-SU)			Batch - D Histology practical / Dissection – Back (Practical) (VI-SU)								

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B. J. MEDICAL COLLEGE, AHMEDABAD

Date/Day+A1:R5	09 AM to 10 AM		10 AM to 11 AM		11 AM to 12 PM		12 PM to 1 PM		2 PM to 3 PM Anatomy/ Physiology/Biochemistry : [Practical in Haematology Laboratory] SGT/DOAP/Tutorials/Seminar/SDL/Case Presentations/ECE			3 PM to 4 PM Anatomy/ Physiology/Biochemistry : [Practical in Amphibian /Mammalian / Clinical Laboratory] SGT/DOAP/Tutorials/Seminar/SDL/Case Presentations/ECE			4 PM to 5 PM Anatomy/ Physiology/Biochemistry : [Practical in Biochemistry Laboratory] SGT/DOAP/Tutorials/Seminar/SDL/Case Presentations/ECE								
	Topic	Competency	Topic	Competency	Topic	Competency	Topic	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency
12/02/2021 Friday	IMMUNITY II HI Biochemistry , VI-Pathology,	PY 2.10 Define and classify different types of immunity. Describe the development of immunity and its regulation	Introduction to Muscle Physiology	PY3.7 Describe the different types of muscle fibres and their structure	Enzymes - Classification & General Properties	BI2.1 Explain fundamental concepts of enzyme, isoenzyme, alloenzyme,coenzyme & co-factors. Enumerate the main classes of IUBMBnomenclature.	Transport of respiratory gases 1	PY6.3 Describe and discuss the transport of respiratory gases: Oxygen and carbon dioxide	A	Packed Cell Volume, Erythrocyte Sedimentation rate ,Blood indices and calculations (VI : Pathology, HI: Biochemistry)	P Y 2.12 Describe test for ESR, Osmotic fragility, Hematocrit. Note the findings and interpret the test results etc	B	Phenomenon of fatigue,Ergography,Velocity of nerve impulse	P Y 3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments	C	Peripheral blood smear	P Y 2.11Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT P Y 2.5 Describe different types of anaemias & Jaundice	D	CSF Examination	**BI11.15** Describe & discuss the composition of CSF.	E	Vitamin D & K	BI6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency.
13-02-2021 Saturday	AN 10.10, 10.13, 11.1,11.2, 11.4 Scapular region & Back of upper arm Interactive lecture (VI-OR)		AN 11.1, 11.2 , 13.4 Front of arm & shoulder girdle Interactive lecture		AN 8.1, 8.2, 8.4 Tutorial - External features of radius (SG + DOAP session) (VI-OR)		AN 10.10, 10.13, 11.1,11.2, 11.4 Dissection - Scapular region & Back of Arm (Practical)																
15-02-2021 Monday	Propertis of skeletal muscle fiber 1	PY3.8 Describe action potential and its properties in different muscle fiber	Isoenzyme, Alloenzymes and coenzymes	BI2.1 Explain fundamental concepts of enzyme, isoenzyme, alloenzyme,coenzyme & co-factors. Enumerate the main classes of IUBMBnomenclature.	PLATELETS I (VI - Pathology)	PY 2.7 Describe the formation of platelets, functions and variations. Describe bleeding & clotting disorders (Hemophilia, purpura)	Cardiac cycle 1	PY5.3 Discuss the events occurring during the cardiac cycle	B	Packed Cell Volume, Erythrocyte Sedimentation rate ,Blood indices and calculations (VI : Pathology, HI: Biochemistry)	P Y 2.12 Describe test for ESR, Osmotic fragility, Hematocrit. Note the findings and interpret the test results etc	C	Phenomenon of fatigue,Ergography,Velocity of nerve impulse	P Y 3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments	D	Peripheral blood smear	P Y 2.11Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT P Y 2.5 Describe different types of anaemias & Jaundice	E	CSF Examination	**BI11.15** Describe & discuss the composition of CSF.	A	Vitamin D & K	BI6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency.
16-02-2021 Tuesday	AN 10.12 Shoulder joint Interactive lecture (VI-OR)		AN 65.1, 65.2, 70.1 Histology: Glandular epithelium Interactive lecture		AN 11.1, 11.2 , 13.4 Dissection - Front of arm (Practical)		AN 11.1, 11.2 , 13.4 Dissection - Front of arm (Practical)			AN 8.1, 8.2, 8.4 Tutorial - Particular features of radius (SG + DOAP session) (VI-OR)			Batch - A Histology practical / Dissection – Front of arm			Batch - B Histology practical / Dissection – Front of arm							
17-02-2021 Wednesday	Basic Principles Of enzyme activity (Active site)	BI2.3 Describe and explain the basic principles of enzyme activity	Blood coagulation 1 (VI - Pathology)	PY 2.8 Describe the physiological basis of hemostasis and, anticoagulants. Describe bleeding & clotting disorders (Hemophilia, purpura)	Propertis of skeletal muscle fiber 2	PY3.8 Describe action potential and its properties in different muscle fiber	Transport of respiratory gases 2	PY6.3 Describe and discuss the transport of respiratory gases: Oxygen and carbon dioxide	C	Packed Cell Volume, Erythrocyte Sedimentation rate ,Blood indices and calculations (VI : Pathology, HI: Biochemistry)	P Y 2.12 Describe test for ESR, Osmotic fragility, Hematocrit. Note the findings and interpret the test results etc	D	Phenomenon of fatigue,Ergography,Velocity of nerve impulse	P Y 3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments	E	Peripheral blood smear	P Y 2.11Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT P Y 2.5 Describe different types of anaemias & Jaundice	A	CSF Examination	**BI11.15** Describe & discuss the composition of CSF.	B	Vitamin D & K	BI6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency.
18-02-2021 Thursday	AN 12.2 Front of Forearm - 1 Interactive lecture (VI-SU)		AN 77.3 Embryology: Female reproductive system Interactive lecture (VI-OG)		AN 12.1, 12.2 Dissection - Front of forearm (Practical)		AN 12.1 , 12.2 Dissection - Front of forearm (Practical)			AN 8.1, 8.2, 8.4 Tutorial - External features of Ulna (SG + DOAP session) (VI-OR)			Batch - C Histology practical / Dissection – Front of Forearm			Batch - D Histology practical / Dissection – Front of Forearm							
19-02-2021 Friday	Blood coagulation 2 (VI - Pathology)	PY 2.8 Describe the physiological basis of hemostasis and, anticoagulants. Describe bleeding & clotting disorders (Hemophilia, purpura)	Molecular basis of muscle skeletal contraction	P Y 3.9 Describe the molecular basis of muscle skeletal contraction	Describes and discuss enzyme inhibitors (Enzyme Inhibition)	BI2.4 Describe and discuss enzyme inhibitors as poisons and drugs and astherapeutic enzymes (VI-Medicine & Patho)	Cardiac cycle 2	PY5.3 Discuss the events occurring during the cardiac cycle	D	Packed Cell Volume, Erythrocyte Sedimentation rate ,Blood indices and calculations (VI : Pathology, HI: Biochemistry)	P Y 2.12 Describe test for ESR, Osmotic fragility, Hematocrit. Note the findings and interpret the test results etc	E	Phenomenon of fatigue,Ergography,Velocity of nerve impulse	P Y 3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments	A	Peripheral blood smear	P Y 2.11Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT P Y 2.5 Describe different types of anaemias & Jaundice	B	CSF Examination	**BI11.15** Describe & discuss the composition of CSF.	C	Vitamin D & K	BI6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency.
20-02-2021 Saturday	AN 12.2, 12.11 to 12.15 Back of Forearm & Dorsum of hand Interactive lecture (VI-SU)		AN 8.1, 8.2, 8.4 Tutorial - Particular features of Ulna (SG + DOAP session) (VI-OR)		Dissection – Back of Forearm		Dissection – Back of Forearm																
22-02-2021 Monday	Mode of skeletal muscle contraction and metabolism	PY3.10 Describe the mode of muscle contraction (isometric and isotonic PY3.11 Explain energy source and muscle metabolism	Describes and discuss enzyme inhibitors (Enzyme Inhibition) and therapeutic use of enzyme	BI2.4 Describe and discuss enzyme inhibitors as poisons and drugs and astherapeutic enzymes (VI-Medicine & Patho	**SYSTEM ENDING EXAM** FA	**SYSTEM ENDING EXAM** FA	**SYSTEM ENDING EXAM** FA	**SYSTEM ENDING EXAM** FA	**E**	Packed Cell Volume, Erythrocyte Sedimentation rate ,Blood indices and calculations (VI : Pathology, HI: Biochemistry)	P Y 2.12 Describe test for ESR, Osmotic fragility, Hematocrit. Note the findings and interpret the test results etc	A	Phenomenon of fatigue,Ergography,Velocity of nerve impulse	P Y 3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments	**B**	Peripheral blood smear	P Y 2.11Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT P Y 2.5 Describe different types of anaemias & Jaundice	C	CSF Examination	**BI11.15** Describe & discuss the composition of CSF.	D	Vitamin D & K	BI6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency.
23-02-2021 Tuesday	AN 12.3 to 12.6, 12.9 Palm - 1 Interactive lecture		AN 66.1, 66.2 Histology: Connective tissue		AN 12.3 to 12.6, 12.9 Dissection – Palm – 1 (Practical)		AN 12.3 to 12.6, 12.9 Dissection – Palm – 1 (Practical)			AN 8.1, 8.2, 8.4, 8.5 Tutorial - articulated hand - 1 (SG + DOAP session) (VI-OR)			Batch - A Histology practical / Dissection – Palm- 1			Batch - B Histology practical / Dissection – Palm- 1							
24-02-2021 Wednesday	BLOOD GROUP I (VI - Pathology)	PY 2.9 Describe different blood groups and discuss the clinical importance of blood grouping, blood banking and transfusion	Transport of respiratory gases 3	PY6.3 Describe and discuss the transport of respiratory gases: Oxygen and carbon dioxide	Clinical Utility of enzyme activity and enzyme based assay	BI2.5 Describe and discuss the clinical utility of various serum enzymes asmarkers of pathological conditions., BI2.6 Discuss use of enzymes in laboratory investigations (Enzyme-basedassays) (VI-Medicine & Patho)	Smooth muscle 1	PY3.8 Describe action potential and its properties in different muscle fiber	A	Blood groups (VI: Pathology) and Coagulation -BT CT	P Y 2.11Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT P Y 2.5 Describe different types of anaemias & Jaundice	B	Effect of 2 succesive stimuli on skeletal muscle contraction & tetanus	P Y 3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments	C	Differential WBC count	P Y 2.11Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT P Y 2.5 Describe different types of anaemias & Jaundice	D	Urine Examination for Normal constituents	**BI11.3** Describe the chemical components of normal urine & **BI11.4** Perform urine analysis to estimate and determine normal constituents.	E	Vitamin C	**BI6.5** Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency
25-02-2021 Thursday	AN 12.7, 12.8, 12.10 Palm - 2 Interactive lecture (VI-SU)		AN 77.4 to 77.6 Embryology: Fertilization & Contraception, Infertility, surrogacy, sex-ratio (VI-OG)		AN 12.7, 12.8, 12.10 Dissection - Palm – 2 (Practical)		AN 12.7, 12.8, 12.10 Dissection - Palm – 2 (Practical)			AN 8.1, 8.2, 8.4, 8.6 Tutorial - articulated hand - 2 (SG + DOAP session) (VI-OR)			Batch - C Histology practical / Dissection – Palm- 2			Batch - D Histology practical / Dissection – Palm- 2							
26-02-2021 Friday	BLOOD GROUP II (VI - Pathology)	PY 2.9 Describe different blood groups and discuss the clinical importance of blood grouping, blood banking and transfusion	Digestion & absorption of Lipids, Carbohydrates & Protein	BI4.2 Describe the processes involved in digestion and absorption of dietarylipids and also the key features of their metabolism, BI3.2 Describe the processes involved in digestion and assimilation ofcarbohydrates and	Smooth muscle 2	PY3.8 Describe action potential and its properties in different muscle fiber	Hypoxia & abnormal breathing 1	PY6.6 Describe and discuss the pathophysiology of dyspnoea, hypoxiacyanosis asphyxia; drowning, periodic breathing	B	Blood groups (VI: Pathology) and Coagulation -BT CT	P Y 2.11Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT P Y 2.5 Describe different types of anaemias & Jaundice	C	Effect of 2 succesive stimuli on skeletal muscle contraction & tetanus	P Y 3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments	D	Differential WBC count	P Y 2.11Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT P Y 2.5 Describe different types of anaemias & Jaundice	E	Urine Examination for Normal constituents	**BI11.3** Describe the chemical components of normal urine & **BI11.4** Perform urine analysis to estimate and determine normal constituents.	A	Vitamin C	**BI6.5** Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency
27-02-2021 Saturday	AN 13.3, 13.4 Elbow & other Joints of Upper limb Interactive lecture		Tutorial- X-ray of UL (SG+DOAP session) (VI-OR)		AN 13.5 to 13.7 Surface marking, living anatomy (SG + DOAP session)		AN 13.3, 13.4 Dissection - hand & joints of UL (Practical)																
01-03-2021 Monday	Digestion & absorption of Lipids, Carbohydrates & Protei	BI5.3 Describe the digestion and absorption of dietary proteins. (VI-Paediatrics	AETCOM module 1.3	AETCOM module 1.3	AETCOM module 1.3	AETCOM module 1.3	AETCOM module 1.3	AETCOM module 1.3	C	Blood groups (VI: Pathology) and Coagulation -BT CT	P Y 2.11Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT P Y 2.5 Describe different types of anaemias & Jaundice	D	Effect of 2 succesive stimuli on skeletal muscle contraction & tetanus	P Y 3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments	E	Differential WBC count	P Y 2.11Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT P Y 2.5 Describe different types of anaemias & Jaundice	A	Urine Examination for Normal constituents	**BI11.3** Describe the chemical components of normal urine & **BI11.4** Perform urine analysis to estimate and determine normal constituents.	B	Vitamin C	**BI6.5** Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency
2-03-2021 Tuesday	AN 10.6, 10.7,10.13,11.3, 11.4, 12.4, 12.8, 12.10, 12.13 Applied anatomy of upper limb Interactive lecture		Dissection – Revision of Upper limb		Dissection – Revision of Upper limb			AN 8.1 to 8.4 Tutorial – Revision Of upper limb bones (SG + DOAP session) (VI-OR)			Dissection – Revision of Upper limb		Dissection – Revision of Upper limb			Dissection – Revision of Upper limb							

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Date/Day+A1:R5	09 AM to 10 AM		10 AM to 11 AM		11 AM to 12 PM		12 PM to 1 PM		2 PM to 3 PM Anatomy/ Physiology/Biochemistry : [Practical in Haematology Laboratory] SGT/DOAP/Tutorials/Seminar/SDL/Case Presentations/ECE			3 PM to 4 PM Anatomy/ Physiology/Biochemistry : [Practical in Amphibian /Mammalian / Clinical Laboratory] SGT/DOAP/Tutorials/Seminar/SDL/Case Presentations/ECE			4 PM to 5 PM Anatomy/ Physiology/Biochemistry : [Practical in Biochemistry Laboratory] SGT/DOAP/Tutorials/Seminar/SDL/Case Presentations/ECE								
	Topic	Competency	Topic	Competency	Topic	Competency	Topic	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency
03-03-2021 Wednesday	AETCOM module 1.3	AETCOM module 1.3	AETCOM module 1.3	AETCOM module 1.3	Glucose transporter and Glycolysis - pathway	BI3.4 Define and differentiate the pathways of carbohydrate metabolism,(glycolysis, gluconeogenesis, glycogen metabolism, HMP shunt). & BI3.5 Describe and discuss the regulation, functions and	Describe structure and function of kidney	PY7.1 Describe structure and function of kidney	D	Blood groups (VI: Pathology) and Coagulation -BT CT	P Y 2.11Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT P Y 2.5 Describe different types of anaemias & Jaundice	E	Effect of 2 succesive stimuli on skeletal muscle contraction & tetanus	P Y 3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments	A	Differential WBC count	P Y 2.11Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT P Y 2.5 Describe different types of anaemias & Jaundice	B	Urine Examination for Normal constituents	**BI11.3** Describe the chemical components of normal urine & **BI11.4** Perform urine analysis to estimate and determine normal constituents.	C	Vitamin C	**BI6.5** Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency
4-03-2021 Thursday	**Theory Exam Part Ending – Upper Limb**		**Theory Exam Part Ending – Upper Limb**		**Practical Exam Part Ending – Upper Limb**		**Practical Exam Part Ending – Upper Limb**		**Practical Exam Part Ending – Upper Limb**		**ECE (Radiology of Upper limb)**			**ECE (Radiology of Upper limb)**								
05-03-2021 Friday	Origin and spread of cardiac impulse	PY5.4 Describe generation, conduction of cardiac impulse	Glycolysis - regulation & energetics	BI3.4 Define and differentiate the pathways of carbohydrate metabolism,(glycolysis, gluconeogenesis, glycogen metabolism, HMP shunt). & BI3.5 Describe and discuss the regulation, functions and integration ofcarbohydrate along with	AETCOM module 1.3	AETCOM module 1.3	AETCOM module 1.3	AETCOM module 1.3	E	Blood groups (VI: Pathology) and Coagulation -BT CT	P Y 2.11Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT P Y 2.5 Describe different types of anaemias & Jaundice	A	Effect of 2 succesive stimuli on skeletal muscle contraction & tetanus	P Y 3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments	B	Differential WBC count	P Y 2.11Estimate Hb, RBC, TLC, RBC indices, DLC, Blood groups, BT/CT P Y 2.5 Describe different types of anaemias & Jaundice	C	Urine Examination for Normal constituents	**BI11.3** Describe the chemical components of normal urine & **BI11.4** Perform urine analysis to estimate and determine normal constituents.	D	Vitamin C	**BI6.5** Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency
6/3/2021 Saturday	AN 20.3 to 20.5, 20.10 Introduction to lower limb, its development, dermatomes, venous drainage & lymphatic drainage Interactive lecture (VI-SU)		AN 78.1 to 78.3 Embryology: first week of development (VI-OG		AN 20.3 to 20.5, 20.10 Dissection - front of thigh (Practical)		AN 14.1, 14.2 Tutorial Ilium & upper end of femur – General features (SG + DOAP session) (VI-OR)															
08-03-2021 Monday	Glycolysis- Inhibitors, Leubering rapaport cycle & PDH Complex	BI3.4 Define and differentiate the pathways of carbohydrate metabolism,(glycolysis, gluconeogenesis, glycogen metabolism, HMP shunt). & BI3.5 Describe and discuss the regulation, functions and integration ofcarbohydrate along with associated	ECE Demonstration of EMG NCV techniques	PY3.2 Describe the types, functions & properties of nerve fibers	ECE Demonstration of EMG NCV techniques	PY3.2 Describe the types, functions & properties of nerve fibers	ECE Demonstration of EMG NCV techniques	PY3.2 Describe the types, functions & properties of nerve fibers	A	Revision		B	Revision		C	Revision		D	Urine Examination for Abnormal constituents	**BI11.4** Perform urine analysis to estimate and determine abnormal constituents & **BI11.20** Identify abnormal constituents in urine, interpret the findings and correlatethese with pathological states.	E	Electrophoresis	**BI11.16** Observe use of commonly used equipments/techniques in biochemistry laboratory
09/03/2021 Tuesday	AN 15.3, 15.4 Front of thigh - 1 Interactive lecture (VI-SU)		AN 71.2 Histology: Cartilage Interactive lecture		AN 20.3 to 20.5, 20.10 Dissection - front of thigh- (Practical)		AN 20.3 to 20.5, 20.10 Dissection - front of thigh (Practical)			AN 14.1, 14.2 Tutorial Pubis & Ischium – General features (SG + DOAP session) (VI-OR)			Batch - A Histology practical / Dissection – front of thigh			Batch - B Histology practical / Dissection – front of thigh						
10-03-2021 Wednesday	Physiological anatomy of Digestive system	PY4.1 Describe the structure and functions of digestive system	Hypoxia & abnormal breathing 2	PY6.6 Describe and discuss the pathophysiology of dyspnoea, hypoxiacyanosis asphyxia; drowning, periodic breathing	TCA Cycle	BI3.6 Describe and discuss the concept of TCA cycle as a amphibolic pathwayand its regulation.	physiology of electrocardiogram (E.C.G), its applications and the cardiac axis	PY 5.5 Describe the physiology of electrocardiogram (E.C.G), its applications and the cardiac axis	B	Revision		C	Revision		D	Revision		E	Urine Examination for Abnormal constituents	**BI11.4** Perform urine analysis to estimate and determine abnormal constituents & **BI11.20** Identify abnormal constituents in urine, interpret the findings and correlatethese with pathological states.	A	Electrophoresis	**BI11.16** Observe use of commonly used equipments/techniques in biochemistry laboratory
11-03-2021 Thursday	MAHASHIVRATRI																					
12-03-2021 Friday	composition, mechanism of secretion, functions, andregulation of saliva secretion	PY4.2 Describe the composition, mechanism of secretion, functions, andregulation of saliva, gastric, pancreatic, intestinal juices and bile secretion	Lipoprotein Metabolism	BI4.4 Describe the structure and functions of lipoproteins, their functions,interrelations & relations with atherosclerosis (VI-Medicine)	Hypoxia & abnormal breathing 3	PY6.6 Describe and discuss the pathophysiology of dyspnoea, hypoxiacyanosis asphyxia; drowning, periodic breathing	ECG 2 VI GEN.Medicine	PY 5.5 Describe the physiology of electrocardiogram (E.C.G), its applications and the cardiac axis	C	Revision		D	Revision		E	Revision		A	Urine Examination for Abnormal constituents	**BI11.4** Perform urine analysis to estimate and determine abnormal constituents & **BI11.20** Identify abnormal constituents in urine, interpret the findings and correlatethese with pathological states.	B	Electrophoresis	**BI11.16** Observe use of commonly used equipments/techniques in biochemistry laboratory
13/03/2021 Saturday	AN 15.1, 15.2 ,15.5 Front of thigh -2 -3 medial side of thigh Interactive lecture		AN 78.1 to 78.5 Embryology: Second week of development (VI-OG)		Batch - C Histology practical / AN 14.1 ,2 tutorial -perticular features of hip bone -1 (SG+DOAPSESSION) (VI - OR)		Batch - D Histology practical / AN 14.1 ,2 tutorial -perticular features of hip bone -1 (SG+DOAPSESSION) (VI - OR)															
15-03-2021 Monday	Lipoprotein Metabolism (Hereditary and Acquired Cholesterol Abnormality)	BI4.3 Explain the regulation of lipoprotein metabolism & associated disorders. (VI-Medicine)	ECE visit to THALASEMIA CLINIC SG	ECE visit to THALASEMIA CLINIC SG	ECE visit to Blood Bank SG	PY 2.9 Describe different blood groups and discuss the clinical importance of blood grouping, blood banking and transfusion	ECE visit to Blood Bank SG	PY 2.9 Describe different blood groups and discuss the clinical importance of blood grouping, blood banking and transfusion	D	Revision		E	Revision		A	Revision		B	Urine Examination for Abnormal constituents	**BI11.4** Perform urine analysis to estimate and determine abnormal constituents & **BI11.20** Identify abnormal constituents in urine, interpret the findings and correlatethese with pathological states.	C	Electrophoresis	**BI11.16** Observe use of commonly used equipments/techniques in biochemistry laboratory
16/03/2021 Tuesday	AN 16.3 Gluteal region - 1 Interactive lecture		AN 71.1 Histology: Bone (VI-PA)		AN 16.3 Dissection - Gluteal region -1 (Practical		AN 16.3 Dissection - Gluteal region - 1 (Practical			AN 14.1, 14.2 Tutorial Particular features of Hip bone – 2 & General features of femur (SG + DOAP session) (VI-OR)			Batch - A Histology practical / Dissection –gluteal region-1			Batch - B Histology practical / Dissection – gluteal regian -1						
17-03-2021 Wednesday	composition, mechanism of secretion, functions, andregulation of GASTRIC JUICE secretion	PY4.2 Describe the composition, mechanism of secretion, functions, andregulation of saliva, gastric, pancreatic, intestinal juices and bile secretion	Abnormal ECG VI GEN.Medicine	PY 5.6 Describe abnormal ECG, arrythmias, heart block and myocardial Infarction	Water and Electrolyts Imbalance	BI6.7 Describe the processes involved in maintenance of normal pH, water &electrolyte balance of body fluids and the derangements associated withthese. (VI G-Medicine& HI PY	Renal circulation	PY7.1 Describe structure and function of kidney	E	Revision		A	Revision		B	Revision		C	Urine Examination for Abnormal constituents	**BI11.4** Perform urine analysis to estimate and determine abnormal constituents & **BI11.20** Identify abnormal constituents in urine, interpret the findings and correlatethese with pathological states.	D	Electrophoresis	**BI11.16** Observe use of commonly used equipments/techniques in biochemistry laboratory
18/03/2021 thursday	AN 16.1, 16.2, 16.4 to 16.5Gluteal region -2 & Back of thigh Interactive lecture		AN 78.1 to 78.5 Embryology: Second week of development (VI-OG)		AN 16.1, 16.2, 16.4 to 16.5 Dissection – Gluteal region -2 & back of thigh (Practical)		AN 16.1, 16.2, 16.4 to 16.5 Dissection – Gluteal region -2 & back of thigh (Practical)			AN 14.1, 14.2, 14.3 Tutorial Particular features of femur (SG + DOAP session) (VI-OR)			Batch -C Histology practical / Dissection –gluteal region-2 and back of thigh			Batch - D Histology practical / Dissection –gluteal region-2 and back of thigh						
19-03-2021 Friday	Haemodynamics of circulatory system 1	PY5.7 Describe and discuss haemodynamics of circulatory system	Blood buffer and Acid base balance & Disorders	BI6.8 Discuss and interpret results of Arterial Blood Gas (ABG) analysis invarious disorders. (VI G-Medicine)	NEURAL regulation of respiration	PY6.7 Describe and discuss lung function tests & their clinical significance	JG apparatus	PY7.2 Describe the structure and functions of juxta glomerular apparatus and role of Renin angiotensin system	X Batch - PSM Introduction of the subject CM1.1 (Define and describe	Y batch Tutorial /group discussion/ viva		X Batch - PSM Visit to nursing care MI 8.7 (Demonstrate	Y batch Tutorial /group discussion/ viva		X Batch - PSM Visit to nursing care MI	Y batch Tutorial /group discussion/ viva		X BATCH PSM	In PSM Department		Y Batch	Renal failure, Gout, Nephrotic syndrome, Proteinuria	BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions:Renal failure, Gout, Nephrotic syndrome, Proteinuria
20/03/2021 Saturday	AN 16.6 Popliteal fossa Interactive lecture		AN 17.1 to 17.3 Hip joint, Fracture neck femur and hip joint replacement Interactive lecture (VI-OR)		AN 16.6 Dissection - Popliteal fossa (Practical)		AN 14.1, 14.2, 14.3 Tutorial Patella (SG + DOAP session) (VI-OR)															

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B. J. MEDICAL COLLEGE, AHMEDABAD

Date/Day+A1:R5	09 AM to 10 AM		10 AM to 11 AM		11 AM to 12 PM		12 PM to 1 PM		2 PM to 3 PM Anatomy/ Physiology/Biochemistry : [Practical in Haematology Laboratory] SGT/DOAP/Tutorials/Seminar/SDL/Case Presentations/ECE			3 PM to 4 PM Anatomy/ Physiology/Biochemistry : [Practical in Amphibian /Mammalian / Clinical Laboratory] SGT/DOAP/Tutorials/Seminar/SDL/Case Presentations/ECE			4 PM to 5 PM Anatomy/ Physiology/Biochemistry : [Practical in Biochemistry Laboratory] SGT/DOAP/Tutorials/Seminar/SDL/Case Presentations/ECE								
	Topic	Competency	Topic	Competency	Topic	Competency	Topic	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency
22-03-2021 Monday	Glycogen Metabolism with disorders	BI3.4 Define and differentiate the pathways of carbohydrate metabolism,(glycolysis, gluconeogenesis, glycogen metabolism, HMP shunt). & BI3.5 Describe and discuss the regulation, functions and integration ofcarbohydrate along with associated	gastric secretion 2	PY4.2 Describe the composition, mechanism of secretion, functions, andregulation of saliva, gastric, pancreatic, intestinal juices and bile secretion	cardiovascular regulatory mechanisms	PY5.8 Describe and discuss local and systemic cardiovascular regulatory mechanisms	Glomerular filtration	PY7.3 Describe the mechanism of urine formation involving processes of filtration, tubular reabsorption & secretion; concentration and diluting mechanism	Y Batch - PSM Introduction of the subject CM1.1 (Define and describe	X batch Tutorial /group discussion/ viva		Y Batch - PSM Visit to nursing care MI 8.7 (Demonstrate	X batch Tutorial /group discussion/ viva		Y Batch - PSM Visit to nursing care MI	X batch Tutorial /group discussion/ viva		Y BATCH PSM	In PSM Department		X Batch	Renal failure, Gout, Nephrotic syndrome, Proteinuria	BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions:Renal failure, Gout, Nephrotic syndrome, Proteinuria
23/03/2021 Tuesday	AN 18.4 Knee joint - 1 Interactive lecture		AN 67.1 to 67.3 Histology: Muscle tissue (HI-PY)		AN 18.4 Dissection – Knee joint (Practical)		AN 18.4 Dissection – Knee joint (Practical)			AN 14.1, 14.2, 14.3 Tutorial Tibia – General features (SG + DOAP session) (VI-OR)			Batch - A Histology practical / Dissection – Knee joint			Batch - B Histology practical / Dissection – Knee joint							
24-03-2021 Wednesday	SYSTEM ENDING EXAM FA	SYSTEM ENDING EXAM FA	SYSTEM ENDING EXAM FA	SYSTEM ENDING EXAM FA	Gluconeogenesis	BI3.4 Define and differentiate the pathways of carbohydrate metabolism,(glycolysis, gluconeogenesis, glycogen metabolism, HMP shunt). & BI3.5 Describe and discuss the regulation, functions and	SYSTEM ENDING EXAM FA	SYSTEM ENDING EXAM FA											ECE-Case discussion : Diabetic mellitus	BI3.9 Discuss the mechanism and significance of blood glucose regulation in health and disease		ECE-Case discussion : Diabetic mellitus	BI3.9 Discuss the mechanism and significance of blood glucose regulation in health and disease
25/03/2021 Thursday	AN 18.4, 18.5 Knee joint - 2,3 Interactive lecture AN 18.1, 18.6, 18.7 & lateral & medial compartment of leg		AN 98.3, 78.5, 80.1 Embryology: Third week of development (VI-OG)		AN 18.1, 18.4 lateral & medial compartment of leg (Practical)		AN 18.1, 18.4 lateral & medial compartment of leg (Practical)			AN 14.2, 14.3 Tutorial Tibia – Particular features (SG + DOAP session) (VI-OR)			Batch - C Histology practical / Dissection – lateral and medial side of leg			Batch - C Histology practical / Dissection – lateral and medial side of leg							
26-03-2021 Friday	NEURAL regulation of respiration	PY6.7 Describe and discuss lung function tests & their clinical significance	HMP Shunt Pathway	BI3.4 Define and differentiate the pathways of carbohydrate metabolism,(glycolysis, gluconeogenesis, glycogen metabolism, HMP shunt). & BI3.5 Describe and discuss the regulation, functions and integration ofcarbohydrate along with	Pancreatic secretion	PY4.2 Describe the composition, mechanism of secretion, functions, andregulation of saliva, gastric, pancreatic, intestinal juices and bile secretion	Haemodynamics of circulatory system 1	PY5.7 Describe and discuss haemodynamics of circulatory system	X Batch - PSM Introduction the concept of health CM 1.2 (Define health; describe	Y batch Tutorial /group discussion/ viva		X Batch - PSM Immunization clinic CM 10.5 (Describe	Y batch Tutorial /group discussion/ viva		X Batch - PSM Immunization clinic	Y batch Tutorial /group discussion/ viva		X Batch	In PSM Department		Y Batch	BMR, BMI, Glycemic Index, SDA, Dietary fibre	BI8.1 Discuss the importance of various dietary components and explainimportance of dietary fibre. BI11.23 Calculate energy content of different food items, identify food items withhigh and low glycemic index and explain the importance of these in thediet
27/03/2021 Saturday	AN 19.1 to 19.4 , 20.3 Back of leg Interactive lecture (VI-SU) (VI-OR)		AN 79.4 to 79.6 Embryology: Fourth week of development (VI-OG)		AN 19.1 to 19.4, 20.3 Dissection – Back of leg (Practical)		AN 14.1, 14.2 Tutorial Fibula – General features (SG + DOAP session) (VI-OR)																
29-03-2021 Monday	Dhuleti																						
30/03/2021 Tuesday	AN 18.1 to 18.3, 20.3 Front of leg and dorsum of foot Interactive lecture (VI-SU)		AN 70.2 Histology: Lymphoid tissue Interactive lecture (HI-PA)		AN 98.3, 78.5, 80.1 Dissection – Front of leg and dorsum of foot (Practical)		AN 98.3, 78.5, 80.1 Dissection – Front of leg and dorsum of foot (Practical)			AN 14.1, 14.2 Tutorial Fibula – Particular features (SG + DOAP session) (VI-OR)			Batch - A Histology practical / Dissection – Front of leg and dorsum of foot			Batch - B Histology practical / Dissection – Front of leg and dorsum of foot							
31-03-2021 Wednesday	Minor metabolic pathway of Carbohydrates (Galactose & Fructose Metabolism)	BI3.4 Define and differentiate the pathways of carbohydrate metabolism,(glycolysis, gluconeogenesis, glycogen metabolism, HMP shunt). & BI3.5 Describe and discuss the regulation, functions and integration ofcarbohydrate along with associated	Heart rate HI Anatomy	PY5.9 Describe the factors affecting heart rate, regulation of cardiac output,blood pressure	lung function test HI Anatomy	PY6.7 Describe and discuss lung function tests & their clinical significance	bile secretion	PY4.2 Describe the composition, mechanism of secretion, functions, andregulation of saliva, gastric, pancreatic, intestinal juices and bile secretion	Y Batch - PSM Introduction the concept of health CM 1.2 (Define health; describe	X batch Tutorial /group discussion/ viva		Y Batch - PSM Immunization clinic CM 10.5 (Describe	X batch Tutorial /group discussion/ viva		Y Batch - PSM Immunization clinic	X batch Tutorial /group discussion/ viva		Y Batch	In PSM Department		X Batch	BMR, BMI, Glycemic Index, SDA, Dietary fibre	BI8.1 Discuss the importance of various dietary components and explainimportance of dietary fibre. BI11.23 Calculate energy content of different food items, identify food items withhigh and low glycemic index and explain the importance of these in thediet
01/04/2021 Thursday	AN 19.1 Sole of foot - 1 Interactive lecture		AN 19.1 Sole of foot - 2 Interactive lecture		AN 19.1 Dissection - Sole of foot (Practical)		AN 19.1 Dissection – Sole of foot (Practical)			AN 14.1, 14.2, 14.4 Tutorial - Articulated foot -1 and 2 (SG + DOAP session)			Batch - C Histology practical / Dissection – ankle and other joint 20.1, 20.2			Batch - D Histology practical / Dissection – ankle and other joint 20.1, 20.2							
02-04-2021 Friday	Good Friday																						
03/04/2021 Saturday	AN 19.5 to 19. 7,20.1, 20.2 Arches of foot Interactive lecture (VI-OR)		AN 20.1, 20.2 Tibiofibular, Ankle, Subtalar and other joints of foot Interactive lecture		AN 20.7 to 20.9 Surface marking and living anatomy of lower limb (SGT + DOAP session) (VI-IM) (VI-SU)		AN 20.6 Tutorial - X-rays of lower limb (VI-RA)																
05-04-2021 Monday	Oxidation of Fatty acids & Related Disorders	BI6.6 Describe the biochemical processes involved in generation of energy incells.	cardiac output 1 HI Anatomy	PY5.9 Describe the factors affecting heart rate, regulation of cardiac output,blood pressure	Tubular processing of glomerular filtrate	PY7.3 Describe the mechanism of urine formation involving processes of filtration, tubular reabsorption & secretion; concentration and diluting mechanism	Physiology of high altitude HI Anatomy	PY6.4 Describe and discuss the physiology of high altitude and deep sea diving	A	Arterial blood pressure	P Y 5.12 Record blood pressure & pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment PY	B	Radial pulse examination (VI: General Medicine)	P Y 5.12 Record blood pressure & pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment PY 5.16 Record Arterial pulse tracing using finger plethysmography in a volunteer or simulated environment	C	frogs cardiogram,effects of temperature, properties of cardiac muscle, effects of vagus/crescent stimulation	P Y 3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments	D	Techniques of Blood Collection & Use of Vaccutte and Colorimeter & Spectophotometer Principle	**BI11.6** Describe the principles of colorimetry & **BI11.18** Discuss the principles of spectrophotometry & **BI11.17** Explain the basis and rationale of biochemical tests done in the following conditions: diabetes mellitus, dyslipidemia, myocardial infarction, renal failure, gout,	E	Liver Function Tests	BI6.13 Describe the functions of the liver
06/04/2021 Tuesday	**Theory Exam Part Ending – lower Limb**		**Theory Exam Part Ending – lowerr Limb**		**Theory Exam Part Ending – lower Limb**		**Theory Exam Part Ending – lower Limb**			ECE (Knee Joint)			ECE (Knee Joint)			ECE (Knee Joint)							
07-04-2021 Wednesday	cardiac output 2 HI Anatomy	PY5.9 Describe the factors affecting heart rate, regulation of cardiac output,blood pressure	Physiology of deep sea diving	PY6.4 Describe and discuss the physiology of high altitude and deep sea diving	Oxidation of Fatty acids & Related Disorde	BI6.6 Describe the biochemical processes involved in generation of energy incells	structure and functions of liver and gall bladder	PY4.7 Describe & discuss the structure and functions of liver and gall bladder	B	Arterial blood pressure	P Y 5.12 Record blood pressure & pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment PY	C	Radial pulse examination (VI: General Medicine)	P Y 5.12 Record blood pressure & pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment PY 5.16 Record Arterial pulse tracing using finger plethysmography in a volunteer or simulated environment	D	frogs cardiogram,effects of temperature, properties of cardiac muscle, effects of vagus/crescent stimulation	P Y 3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments	E	Techniques of Blood Collection & Use of Vaccutte and Colorimeter & Spectophotometer Principle	**BI11.6** Describe the principles of colorimetry & **BI11.18** Discuss the principles of spectrophotometry & **BI11.17** Explain the basis and rationale of biochemical tests done in the following conditions: diabetes mellitus, dyslipidemia, myocardial infarction, renal failure, gout,	A	Liver Function Tests	BI6.13 Describe the functions of the liver
08/04/2021, Thursday	AN 21.3, 21.10 Introduction of thorax, Intercostal space-1 Interactive lecture		AN 25.3 Embryology - Respiratory system and Coelomic cavity Interactive lecture		Dissection: Thoracic wall (Practical)		Dissection: Thoracic wall (Practical)			AN 21.1 ,21.2 Tutorial - Thoracic cage, sternum (SG + DOAP session)			Dissection: intercostal space (Practical)			Dissection: intercostal space (Practical)							
09-04-2021 Friday	liver function test	PY4.7 Describe & discuss the structure and functions of liver and gall bladder	Fatty acid Synthesis	BI6.6 Describe the biochemical processes involved in generation of energy incells.	Blood Pressure 1 HI Anatomy	PY5.9 Describe the factors affecting heart rate, regulation of cardiac output,blood pressure	Urine concentrating and diluting mechanism 1	PY7.3 Describe the mechanism of urine formation involving processes of filtration, tubular reabsorption & secretion; concentration and diluting mechanism	C	Arterial blood pressure	P Y 5.12 Record blood pressure & pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment PY	D	Radial pulse examination (VI: General Medicine)	P Y 5.12 Record blood pressure & pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment PY 5.16 Record Arterial pulse tracing using finger plethysmography in a volunteer or simulated environment	E	frogs cardiogram,effects of temperature, properties of cardiac muscle, effects of vagus/crescent stimulation	P Y 3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments	A	Techniques of Blood Collection & Use of Vaccutte and Colorimeter & Spectophotometer Principle	**BI11.6** Describe the principles of colorimetry & **BI11.18** Discuss the principles of spectrophotometry & **BI11.17** Explain the basis and rationale of biochemical tests done in the following conditions: diabetes mellitus, dyslipidemia, myocardial infarction, renal failure, gout,	B	Liver Function Tests	BI6.13 Describe the functions of the liver
10-04-2021 Saturday	AN 21.4 to 21.9 Intercostal space-2 & Respiratory movements Interactive lecture (HI-PY)		AN 24.1 Pleura Interactive lecture (HI-PY) (VI-IM)		AN 24.1 Dissection: pleura and pericardium (Practical)		AN 21.1 ,21.2 Tutorial - sternum (SG + DOAP session)																

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Date/Day+A1:R5	09 AM to 10 AM		10 AM to 11 AM		11 AM to 12 PM		12 PM to 1 PM		2 PM to 3 PM Anatomy/ Physiology/Biochemistry : [Practical in Haematology Laboratory] SGT/DOAP/Tutorials/Seminar/SDL/Case Presentations/ECE			3 PM to 4 PM Anatomy/ Physiology/Biochemistry : [Practical in Amphibian /Mammalian / Clinical Laboratory] SGT/DOAP/Tutorials/Seminar/SDL/Case Presentations/ECE			4 PM to 5 PM Anatomy/ Physiology/Biochemistry : [Practical in Biochemistry Laboratory] SGT/DOAP/Tutorials/Seminar/SDL/Case Presentations/ECE								
	Topic	Competency	Topic	Competency	Topic	Competency	Topic	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency
12-04-2021 Monday	Transamination, Transdeamination & Urea Cycle	BI5.4 Describe common disorders associated with protein metabolism. (VI-Padiatric)	ECE	PY6.8 Demonstrate the correct technique to perform & interpret Spirometry	ECE PFT demonstration SG HI Anatomy	PY6.8 Demonstrate the correct technique to perform & interpret Spirometry	ECE COPD case presentation SG	PY6.8 Demonstrate the correct technique to perform & interpret Spirometry	D	Arterial blood pressure	P Y 5.12 Record blood pressure & pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment PY	E	Radial pulse examination (VI: General Medicine)	P Y 5.12 Record blood pressure & pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment PY 5.16 Record Arterial pulse tracing using finger plethysmography in a volunteer or simulated environment	A	frogs cardiogram,effects of temperature, properties of cardiac muscle, effects of vagus/crescent stimulation	P Y 3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments	B	Techniques of Blood Collection & Use of Vaccutte and Colorimeter & Spectophotometer Principle	**BI11.6** Describe the principles of colorimetry & **BI11.18** Discuss the principles of spectrophotometry & **BI11.17** Explain the basis and rationale of biochemical tests done in the following conditions: diabetes mellitus, dyslipidemia, myocardial infarction, renal failure, gout,	C	Liver Function Tests	BI6.13 Describe the functions of the liver
13-04-2021 Tuesday	**HOLIDAY**	**CHETTIC HAND**																				
14-04-2021 Wednesday	**Dr. Ambedkar Jayanti**																					
15-04-2021 Thursday	AN 24.2, 24.3, 24.5 Lungs -1 Interactive lecture (HI-PY) (VI-IM)		AN 25.1 Histology: Respiratory system Interactive lecture		Dissection : Removal of Lung (Practical)		Dissection : Removal of Lung (Practical)			AN 21.1 ,21.2 Tutorial : Ribs (SG + DOAP session)			Batch - A Histology practical / Dissection – Lung			Batch - B Histology practical / Dissection – Lung							
16-04-2021 Friday	introduction	PY7.3 Describe the mechanism of urine formation involving processes of filtration, tubular reabsorption & secretion; concentration and diluting mechanism	Coronary circulation	PY5.10 Describe & discuss regional circulation including microcirculatio lymphatic circulation, coronary, cerebral, capillary, skin, foetal pulmonary and splanchnic circulation	Transamination, Transdeamination & Urea Cycle	BI5.4 Describe common disorders associated with protein metabolism. (VI-Padiatric	pulmonary circulation	PY5.10 Describe & discuss regional circulation including microcirculatio lymphatic circulation, coronary, cerebral, capillary, skin, foetal pulmonary and splanchnic circulation	E	Arterial blood pressure	P Y 5.12 Record blood pressure & pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment PY	A	Radial pulse examination (VI: General Medicine)	P Y 5.12 Record blood pressure & pulse at rest and in different grades of exercise and postures in a volunteer or simulated environment PY 5.16 Record Arterial pulse tracing using finger plethysmography in a volunteer or simulated environment	B	frogs cardiogram,effects of temperature, properties of cardiac muscle, effects of vagus/crescent stimulation	P Y 3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments	C	Techniques of Blood Collection & Use of Vaccutte and Colorimeter & Spectophotometer Principle	**BI11.6** Describe the principles of colorimetry & **BI11.18** Discuss the principles of spectrophotometry & **BI11.17** Explain the basis and rationale of biochemical tests done in the following conditions: diabetes mellitus, dyslipidemia, myocardial infarction, renal failure, gout,	D	Liver Function Tests	BI6.13 Describe the functions of the liver
17/04/2021, Saturday	AN 24.2, 24.3, 24.5 Lungs -2 Interactive lecture (HI-PY) (VI-IM)		AN 25.2, 25.4, 25.5 Embryology - CVS 1 (Introduction and atria) Interactive lecture (HI-PY) (VI-IM) (VI-PE)		Batch - C Histology practical / AN 24.2,24.3,24.5 Tutorial: Lung (SG + DOAP session)		Batch - D Histology practical / AN 24.2,24.3,24.5 Tutorial: Lung (SG + DOAP session)																
19-04-2021 Monday	Introduction of Purine & Pyrimidine	BI6.2 Describe and discuss the metabolic processes in which nucleotides areinvolved.	shock 1	PY5.11 Describe the patho-physiology of shock, syncope and heart failure	intestinal secretion	PY4.2 Describe the composition, mechanism of secretion, functions, andregulation of saliva, gastric, pancreatic, intestinal juices and bile secretion	micturition	PY7.6 Describe the innervations of urinary bladder, physiology of micturition and its abnormalities	A	spirometry (VI : Respiratory Medicine) (Visit to PFT Lab of Physiology Department) and Respiratory efficiency Tests	P Y 6.8 Demonstrate the correct technique to perform & interpret Spirometry	B	Cardiac efficiency Tests	P Y 3.15 Demonstrate effect of mild, moderate and severe exercise and record changes in cardiorespiratory parameters	C	effects of drugs , identification of drugs	P Y 3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments	D	Estimation of Plasma Glucose	**BI11.21** Demonstrate estimation of Glucose in Plasma.	E	Vitamin B complex Part 1	BI6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency.
20/04/2021, Tuesday	AN 21.11, 24.4 Mediastinum -1introduction phrenic nerve		Histology : Cardiovascular system Interactive lecture		Dissection: Removal of heart (Practical)		Dissection: Removal of heart (Practical)			AN 22.1, 22.2 Tutorial - Heart (external features) (SG + DOAP session)			Batch - A Histology practical / Dissection – Mediastinum			Batch - B Histology practical / Dissection – Mediastinum							
21-04-2021 Wednesday	**Ramnavami**																					
22/04/2021, Thursday	AN 22.1, 22.2 Pericardium & Heart-1 Interactive lecture (HI-PY)		AN 25.2 25.4, 25.5 Embryology - CVS - 2 (Ventricles) Interactive lecture (HI-PY) (VI-IM) (VI-PE)		AN 22.2 to 22.7 Dissection: Interior of heart (Practical)		AN 22.2 to 22.7 Dissection: Interior of heart (Practical)			AN 22.1, 22.2 Tutorial - Heart (internal features) (SG + DOAP session			Batch - C Histology practical / Dissection – Heart			Batch - D Histology practical / Dissection – Heart							
23-04-2021 Friday	shock 2	PY5.11 Describe the patho-physiology of shock, syncope and heart failure	Enteric nervous system	PY4.6 Describe the Gut-Brain Axis	Purine Synthesis & Degradation	BI6.2 Describe and discuss the metabolic processes in which nucleotides areinvolved. & BI6.3 Describe the common disorders associated with nucleotide metabolism.	skin and capillary circulation	PY5.11 Describe the patho-physiology of shock, syncope and heart failure	B	spirometry (VI : Respiratory Medicine) (Visit to PFT Lab of Physiology Department) and Respiratory efficiency Tests	P Y 6.8 Demonstrate the correct technique to perform & interpret Spirometry	C	Cardiac efficiency Tests	P Y 3.15 Demonstrate effect of mild, moderate and severe exercise and record changes in cardiorespiratory parameters	D	effects of drugs , identification of drugs	P Y 3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments	E	Estimation of Plasma Glucose	**BI11.21** Demonstrate estimation of Glucose in Plasma.	A	Vitamin B complex Part 1	BI6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency.
24/04/2021, Saturday	AN 22.2 to 22.7 Heart-2 : Atria and ventricles Interactive lecture (HI-PY) (VI-IM)		AN 22.3 to 22.7 Heart-3 Blood vessels, conducting system Interactive lecture (HI-PY) (VI-IM)		AN 21.1 , 21.2 Tutorial – Typical thoracic vertebrae (SG + DOAP session) (HI-PY) (VI-IM) (VI-PE		AN 22.2 to 22.7 Dissection: Blood vessels of heart (Practical)																
26-04-2021 Monday	cardio respiratory adjustment during exercise HI Anatomy	PY11.8 Discuss & compare cardio-respiratory changes in exercise	Gout & Lesch Nyhan Syndrome	BI6.4 Discuss the laboratory results of analytes associated with gout & LeschNyhan syndrome. (VI-Medicine)	temperature regulation	PY11.1 Describe and discuss mechanism of temperature regulation	Mastication and deglutition	PY4.3 Describe GIT movements, regulation and functions.	C	spirometry (VI : Respiratory Medicine) (Visit to PFT Lab of Physiology Department) and Respiratory efficiency Tests	P Y 6.8 Demonstrate the correct technique to perform & interpret Spirometry	D	Cardiac efficiency Tests	P Y 3.15 Demonstrate effect of mild, moderate and severe exercise and record changes in cardiorespiratory parameters	E	effects of drugs , identification of drugs	P Y 3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments	A	Estimation of Plasma Glucose	**BI11.21** Demonstrate estimation of Glucose in Plasma.	B	Vitamin B complex Part 1	BI6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency.
27/04/2021, Tuesday	AN 23.3, 23.4 Mediastinum-2 SVC, Aorta, azygos venous system, pulmonary trunk and thymus Interactive lecture		AN 25.6 Embryology – CVS - 3 (Aortic arches and arteries) Interactive lecture		AN 23.3, 23.4 Dissection: Structures of mediastinum (Practical)		AN 23.3, 23.4 Dissection: Structures of mediastinum (Practical)			AN 21.1 , 21.2 Tutorial - Atypical thoracic vertebrae (SG + DOAP session) (HI-PY) (VI-IM) (VI-PE			AN 23.3, 23.4 Dissection: Structures of mediastinum (Practical)			AN 23.3, 23.4 Dissection: Structures of mediastinum (Practical)							
28-04-2021 Wednesday	SYSTEM ENDING TEST	SYSTEM ENDING TEST	SYSTEM ENDING TEST	SYSTEM ENDING TEST	Adipose tissue Metabolism	BI4.5 Interpret laboratory results of analytes associated with metabolism oflipids (VI-Medicine)	sports	sports	E	spirometry (VI : Respiratory Medicine) (Visit to PFT Lab of Physiology Department) and Respiratory efficiency Tests	P Y 6.8 Demonstrate the correct technique to perform & interpret Spirometry	A	Cardiac efficiency Tests	P Y 3.15 Demonstrate effect of mild, moderate and severe exercise and record changes in cardiorespiratory parameters	B	effects of drugs , identification of drugs	P Y 3.18 Observe with Computer assisted learning (i) amphibian nerve - muscle experiments (ii) amphibian cardiac experiments	C	Estimation of Plasma Glucose	**BI11.21** Demonstrate estimation of Glucose in Plasma.	D	Vitamin B complex Part 1	BI6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency.
29/04/2021 Thursday	AN 24.6, 23.1, 23.2, 23.5 to 23.7 Trachea, Oesophagus, Thoracic duct, Thoracic sympathetic chain and splanchnic nerves Interactive lecture (VI-SU)		AN 25.3, 25.6 Embryology - CVS 4 (Veins) & Foetal circulation Interactive lecture (HI-PY) (VI-IM		AN 24.6, 23.1, 23.2, 23.5 to 23.7 Dissection: Structures of the mediastinum (Practical)		AN 24.6, 23.1, 23.2, 23.5 to 23.7 Dissection: Structures of the mediastinum (Practical)			AN 25.7,25.8 Tutorial – X- ray (SG + DOAP session)			Dissection: Structures of mediastinum / Revision			Dissection: Structures of mediastinum / Revision							
30-04-2021 Friday	movements of small intestine HI Anatomy	PY4.3 Describe GIT movements, regulation and functions.	Ketone Bodie Metabolism	BI4.5 Interpret laboratory results of analytes associated with metabolism oflipids (VI-Medicine)	renal function test 1 HI Anatomy, HI biochemistry	PY7.8 Describe & discuss Renal Function Tests	introduction to endocrine glands	classification and mechanism of action of hormones	X Batch - PSM Indicators of health CM 1.7 (Enumerate and describe	Y batch Tutorial /group discussion/ viva		X Batch - PSM Medical Record Section CM 9.7 (Enum	Y batch Tutorial /group discussion/ viva		X Batch - PSM Medical Record Section	Y batch Tutorial /group discussion/ viva		X Batch	In PSM Department		Y Batch	Kidney Function tests	BI6.13 Describe the functions of the kidney
01/05/2021 to 15/05/2021	**SUMMER VACATION**																					

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B. J. MEDICAL COLLEGE, AHMEDABAD

Date/Day+A1:R5	09 AM to 10 AM		10 AM to 11 AM		11 AM to 12 PM		12 PM to 1 PM		2 PM to 3 PM Anatomy/ Physiology/Biochemistry : [Practical in Haematology Laboratory] SGT/DOAP/Tutorials/Seminar/SDL/Case Presentations/ECE			3 PM to 4 PM Anatomy/ Physiology/Biochemistry : [Practical in Amphibian /Mammalian / Clinical Laboratory] SGT/DOAP/Tutorials/Seminar/SDL/Case Presentations/ECE			4 PM to 5 PM Anatomy/ Physiology/Biochemistry : [Practical in Biochemistry Laboratory] SGT/DOAP/Tutorials/Seminar/SDL/Case Presentations/ECE								
	Topic	Competency	Topic	Competency	Topic	Competency	Topic	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency
17/05/2021 to 28/05/2021	**FIRST INTERNAL EXAM**																					
29/5/2021 Saturday																						
31-05-2021 Monday	Fatty liver & Lipotropic Factors	BI4.5 Interpret laboratory results of analytes associated with metabolism oflipids (VI-Medicine)	renal function test 2 HI Anatomy, HI biochemistry	PY7.8 Describe & discuss Renal Function Tests	movements of large intestine HI Anatomy,	PY4.3 Describe GIT movements, regulation and functions.	Spermatogenesis HI Anatomy,	PY9.3 Describe male reproductive system: functions of testis and control of spermatogenesis & factors modifying it and outline its association with psychiatric illness	Y Batch - PSM Indicators of health CM 1.7 (Enumerate and describe	X batch Tutorial /group discussion/ viva		Y Batch - PSM Medical Record Section CM 9.7 (Enum	X batch Tutorial /group discussion/ viva		Y Batch - PSM Medical Record Section	X batch Tutorial /group discussion/ viva		Y Batch	In PSM Department		X Batch	Kidney Function tests	BI6.13 Describe the functions of the kidney
01/06/2021 Tuesday	AN 44.1, 44.2, 44.6 Introduction of abdomen and Anterior abdominal wall-1 Interactive lecture (VI-SU)		AN 52.1 Histology: Introduction to GIT and GIT 2 Interactive lecture		AN 44.1, 44.2, 44.6 Dissection: Anterior abdominal wall (Practical)		AN 44.1, 44.2, 44.6 Dissection: Anterior abdominal wall (Practical)			Tutorial: Introduction to anterior abdominal wall, quadrants & bony landmark (SG + DOAP session)			AN 44.1, 44.2, 44.6 Batch - A Histology practical/ Dissection - Anterior abdominal wall			AN 44.1, 44.2, 44.6 Batch - B Histology practical/ Dissection - Anterior abdominal wall							
02-06-2021 Wednesday	artificial kidney /dialysis HI Anatomy,	PY7.7 Describe artificial kidney, dialysis and renal transplantation	GIT hormones 1 HI Anatomy,	PY4.5 Describe the source of GIT hormones, their regulation and functions	Insulin & Glucagon	BI3.9 Discuss the mechanism and significance of blood glucose regulation inhealth and disease. (VI G-Medicine & HI -PY)	Testosterone HI Anatomy,	PY 9.5 describe and discuss physiological effects of sex hormones	A	artificial respiration	P Y 11.14 Demonstrate Basic Life Support in a simulated environment	B	clinical examination in general and cardio vascular system	P Y 5.15 Demonstrate the correct clinical examination of the cardiovascular system in a normal volunteer or simulated environment	C	cardiac cycle pressure volume changes	P Y 5.3 Discuss the events occurring during the cardiac cycle	D	Estimation of Serum Urea & Serum Creatinine	**BI11.21** Demonstrate estimation Urea & Creatinine in Serum	E	Vitamin B Complex Part 2	BI6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency.
03/06/2021 Thursday	AN, 44.6, 44.7 Anterior abdominal wall-2 Interactive lecture (VI-SU)		AN 52.4, 52.8 Embryology - Development of anterior abdominal wall and Testes Interactive lecture (VI-SU) (VI-OG)		AN, 44.6, 44.7 Dissection: Anterior abdominal wall (Practical)		Tutorial: Anterior abdominal wall & Umbilicus (SG + DOAP session)			AN 44.3 Anterior abdominal wall-3 & Rectus Sheath Interactive lecture (VI-SU)			AN 44.6, 44.7 Batch - C Histology practical/ Dissection - Anterior abdominal wall			AN 44.6, 44.7 Batch - D Histology practical/ Dissection - Anterior abdominal wall							
04-06-2021 Friday	GIT hormones 2 HI Anatomy,	PY4.5 Describe the source of GIT hormones, their regulation and functions	DNA Stucture & Function	BI7.1 Describe the structure and functions of DNA and RNA and outline the cellcycle.	Puberty and adolescence HI Anatomy,	PY9.2 Describe and discuss puberty: delayed puberty and outline adolescent clinical and psychological association.	Pancreatic hormones 1 HI Anatomy,	PY8.4 Describe function tests: Thyroid gland; Adrenal cortex, Adrenal medulla and pancreas	X Batch - PSM Introduction to epidemiological Triad CM 1.3 (Describe the characteristics of agent, host and	Y batch Tutorial /group discussion/ viva		X Batch - PSM Central Sterilization and Supply Department MI 8.6 (describe the basis	Y batch Tutorial /group discussion/ viva		X Batch - PSM Central Sterilization and Supply Department	Y batch Tutorial /group discussion/ viva		X Batch	In PSM Department		Y Batch	Electrophoresis	BI11.16 Observe use of commonly used equipments/techniques in biochemistrylaboratory.
05/06/2021 Saturday	AN 44.4, 44.5 Inguinal canal and Hernia Interactive lecture (VI-SU)		AN 46.1 to 46.5 Male external genital organs Interactive lecture (VI-SU)		Dissection: Anterior abdominal wall & rectus sheath (Practical)		AN 50.2, 53.1-53.4 Tutorial Bony pelvis and 12th rib (SG + DOAP session) (VI-SU)															
07-06-2021 Monday	DNA Damage repair Mechanism & Related Disorder	BI7.2 Describe the processes involved in replication & repair of DNA and thetranscription & translation mechanisms.	ECE demonstration of ECHOCARDIO GRAPHY recording visit to ECHOroom SG		ECE VISIT TO CARDIAC WARD/TMT		ECE demonstration of ECG recording visit to ECG room SG	PY 5.5 Describe the physiology of electrocardiogram (E.C.G), its applications and the cardiac axis	Y Batch - PSM Introduction to epidemiological Triad CM 1.3 (Describ	X batch Tutorial /group discussion/ viva		Y Batch - PSM Central Sterilization and Supply Depart	X batch Tutorial /group discussion/ viva		Y Batch - PSM Central Sterilization and	X batch Tutorial /group discussion/ viva		Y Batch	In PSM Department		X Batch	Electrophoresis	BI11.16 Observe use of commonly used equipments/techniques in biochemistrylaboratory.
08/06/2021 Tuesday	AN 47.13, 47.14, 52.5 Thoraco-abdominal diaphragm Interactive lecture (VI-SU)		AN 52.1 Histology:- GIT-3 Interactive lecture		AN 44.4, 44.5 Dissection: Inguinal canal and Hernia (Practical) (VI-SU)		AN 46.1 to 46.5 Tutorial: Male external genital organs (SG + DOAP session) (VI-SU)			AN 52.6 Embryology: GIT-1 Interactive lecture (VI-SU)			Batch - A Histology practical/ AN 46.1 to 46.5 Dissection: Male external genital organs (Practical) (VI-SU)			Batch - B Histology practical/ AN 46.1 to 46.5 Dissection: Male external genital organs (Practical) (VI-SU)							
09-06-2021 Wednesday	OVARIAN cycle HI Anatomy,	PY 9.4 describe female reproductive system	Pancreatic hormones 2 HI Anatomy,	PY8.4 Describe function tests: Thyroid gland; Adrenal cortex, Adrenal medulla and pancreas	Discuss the Meatbolic Process (Feed & Fed Cycle)	BI6.1 Discuss the metabolic processes that take place in specific organs in thebody in the fed and fasting states. (VI-Medicine)	Introduction to nervous system	PY10.1 Describe and discuss the organization of nervous system	B	artificial respiration	P Y 11.14 Demonstrate Basic Life Support in a simulated environment	C	clinical examination in general and cardio vascular system	P Y 5.15 Demonstrate the correct clinical examination of the cardiovascular system in a normal volunteer or simulated environment	D	cardiac cycle pressure volume changes	P Y 5.3 Discuss the events occurring during the cardiac cycle	E	Estimation of Serum Urea & Serum Creatinine	**BI11.21** Demonstrate estimation Urea & Creatinine in Serum	A	Vitamin B Complex Part 2	BI6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency.
10/06/2021 Thursday	AN 47.1, 47.2 Peritoneum-1 Interactive lecture (VI-SU)		AN 52.6 Embryology - GIT-2 Interactive lecture (VI-SU)		AN 47.1, 47.3, 47.4Dissection: Peritoneal cavity (Practical) (VI-SU)		AN 47.1, 47.3, 47.4Dissection: Peritoneal cavity (Practical) (VI-SU)			AN 50.1 to 50.4, 53.1, 53.4 Tutorial - Lumbar vertebrae (SG + DOAP session) (VI-IM) (VI-OR) (VI-SU)			Batch - C Histology practical / Dissection: Peritoneal cavity and its subdivisions			Batch - D Histology practical / Dissection: Peritoneal cavity and its subdivisions							
11-06-2021 Friday	Adrenal cortex 1 HI Anatomy,	PY8.4 Describe function tests: Thyroid gland; Adrenal cortex, Adrenal medulla and pancreas	Discuss the Meatbolic Process (Feed & Fed Cycle)	BI6.1 Discuss the metabolic processes that take place in specific organs in thebody in the fed and fasting states. (VI-Medicine)	OVARIAN cycle HI Anatomy,	PY 9.4 describe female reproductive system	Synapse 1	PY10.2 Describe and discuss the functions and properties of synapse	X Batch - PSM Introduction of natural history of disease CM 1.4 (	Y batch Tutorial /group discussion/ viva		X Batch - PSM Visit to Blood bank Structure and functio	Y batch Tutorial /group discussion/ viva		X Batch - PSM Visit to Blood bank Stru	Y batch Tutorial /group discussion/ viva		X Batch	In PSM Department		Y Batch	Chromatography	BI11.5 Describe screening of urine for inborn errors & describe the use of paperchromatography , BI11.16Observe use of commonly used equipments/techniques in biochemistrylaboratory
12/06/2021 Saturday	AN 47.1, 47.3, 47.4 Peritoneum-2 Interactive lecture (VI-SU)		AN 47.9 Blood vessels of foregut, midgut, hindgut Interactive lecture		AN 47.5, 47.6 Tutorial: Spleen (SG + DOAP session)		Dissection: Peritoneal cavity and its subdivisions and reflection															
14-06-2021 Monday	Electron Transport Chain	BI6.6 Describe the biochemical processes involved in generation of energy incells	Female sex hormones HI Anatomy,	PY 9.5 describe and discuss physiological effects of sex hormones	adrenalCORTEX 2 AND medulla HI Anatomy,	PY8.4 Describe function tests: Thyroid gland; Adrenal cortex, Adrenal medulla and pancreas	sex differentiation and determination	PY9.1 Describe and discuss sex determination; sex differentiation and their abnormalities	Y Batch - PSM Introduction of natural history of disease CM 1.4 (	X batch Tutorial /group discussion/ viva		Y Batch - PSM Visit to Blood bank Structure and functio	X batch Tutorial /group discussion/ viva		Y Batch - PSM Visit to Blood bank Stru	X batch Tutorial /group discussion/ viva		Y Batch	In PSM Department		X Batch	Chromatography	BI11.5 Describe screening of urine for inborn errors & describe the use of paperchromatography , BI11.16Observe use of commonly used equipments/techniques in biochemistrylaboratory

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B. J. MEDICAL COLLEGE, AHMEDABAD

Date/Day+A1:R5	09 AM to 10 AM		10 AM to 11 AM		11 AM to 12 PM		12 PM to 1 PM		2 PM to 3 PM Anatomy/ Physiology/Biochemistry : [Practical in Haematology Laboratory] SGT/DOAP/Tutorials/Seminar/SDL/Case Presentations/ECE			3 PM to 4 PM Anatomy/ Physiology/Biochemistry : [Practical in Amphibian /Mammalian / Clinical Laboratory] SGT/DOAP/Tutorials/Seminar/SDL/Case Presentations/ECE			4 PM to 5 PM Anatomy/ Physiology/Biochemistry : [Practical in Biochemistry Laboratory] SGT/DOAP/Tutorials/Seminar/SDL/Case Presentations/ECE								
	Topic	Competency	Topic	Competency	Topic	Competency	Topic	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency
15/06/2021 tuesday	AN 47.5, 47.6 Small intestine (Duodenum) Interactive lecture (VI-SU)		AN 52.2, 52.8 Histology: Male reproductive system Interactive lecture		AN 47.9 Dissection: Coeliac trunk (Practical)		AN 47.5, 47.6 Tutorial: Stomach (SG + DOAP session)			AN 47.8, 47.10, 47.11 Portal vein and portocaval anastomosis Interactive lecture			Batch - A Histology practical/AN 47.5, 47.6 Dissection: Removal of Small intestine (Practical) (VI-SU)			Batch - b Histology practical/AN 47.5, 47.6 Dissection: Removal of Small intestine (Practical) (VI-SU)							
16-06-2021 Wednesday	Synapse 2	PY10.2 Describe and discuss the functions and properties of synapse	Physiology of Pregnancy HI Anatomy,	PY9.8 Describe and discuss the physiology of pregnancy, parturition & lactation	Oxidative Phosphorylation - Inhibitors & Uncouplers	BI6.6 Describe the biochemical processes involved in generation of energy incells	sports	sports	C	artificial respiration	P Y 11.14 Demonstrate Basic Life Support in a simulated environment	D	clinical examination in general and cardio vascular system	P Y 5.15 Demonstrate the correct clinical examination of the cardiovascular system in a normal volunteer or simulated environment	E	cardiac cycle pressure volume changes	P Y 5.3 Discuss the events occurring during the cardiac cycle	A	Estimation of Serum Urea & Serum Creatinine	**BI11.21** Demonstrate estimation Urea & Creatinine in Serum	B	Vitamin B Complex Part 2	BI6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency.
17/06/2021 thursday	AN 47.5 Pancreas Interactive lecture (VI-SU)		AN 52.6 Embryology - GIT-2 Interactive lecture (VI-SU)		AN 47.8, 47.10, 47.11 Dissection Removal of Large intestine (Practical)		AN 47.5, 47.6 Tutorial: small and Large intestine (SG + DOAP session)			Dissection: Blood vessels of foregut, midgut, hindgut and portal vein			Batch - C Histology practical / Dissection: Blood vessels of foregut, midgut, hindgut and portal vein			Batch - D Histology practical / Dissection: Blood vessels of foregut, midgut, hindgut and portal vein							
18-06-2021 Friday	Physiology of Parturition and Lactation HI Anatomy,	PY9.8 Describe and discuss the physiology of pregnancy, parturition & lactation	RNA Structure and Function	BI7.1 Describe the structure and functions of DNA and RNA and outline the cellcycle	Receptors 1	PY10.2 Describe and discuss the functions and properties of synapse	Physiology of Infancy	PY11.6 Describe physiology of Infancy	X Batch - PSM Levels of Prevention CM 1.5 (Describe the applicati	Y batch Tutorial /group discussion/ viva		X Batch - PSM Visit to rehabilitation CM 1.5 (Describe the	Y batch Tutorial /group discussion/ viva		X Batch - PSM Visit to rehabilitation	Y batch Tutorial /group discussion/ viva		X Batch	In PSM Department		Y Batch	Hemoglobinopathies	BI5.2 Describe and discuss functions of proteins and structure-function relationships in relevant areas eg, hemoglobin and selectedhemoglobinopathies(HI Physiology)
19/06/2021 saturday	AN 47.6, 47.7 Extrahepatic biliary apparatus Interactive lecture (VI-SU)		AN 47.5, 47.6 Tutorial: Liver (SG + DOAP session)		AN 47.5, 47.6 Dissection: Pancreas & Extrahepatic biliary apparatus (Practical)		AN 47.5, 47.6 Dissection: Pancreas & Extrahepatic biliary apparatus (Practical)																	
21-06-2021 Monday	Transcription & Post-Transcriptional modification	BI7.2 Describe the processes involved in replication & repair of DNA and thetranscription & translation mechanisms.	system ending test **FA**	system ending test **FA**	system ending test **FA**	system ending test **FA**	system ending test **FA**	system ending test **FA**	Y Batch - PSM Levels of Prevention CM 1.5 (Describe the applicati	X batch Tutorial /group discussion/ viva		Y Batch - PSM Visit to rehabilitation CM 1.5 (Describe the	X batch Tutorial /group discussion/ viva		Y Batch - PSM Visit to rehabilitation	X batch Tutorial /group discussion/ viva		Y Batch	In PSM Department		X Batch	Hemoglobinopathies	BI5.2 Describe and discuss functions of proteins and structure-function relationships in relevant areas eg, hemoglobin and selectedhemoglobinopathies(HI Physiology)
22/06/2021 Tuesday	AN 45.1 to 45.3, 47.12 , 48.4 Posterior abdominal wall and sacral plexus Interactive lecture		AN 52.1 Histology: GIT-4 Interactive lecture		AN 51.1 Dissection: Transverse level abdomen at the level of T8, T10 & L1 vertebral level (Practical) (VI-RA)		AN 51.1 Dissection: Transverse level abdomen at the level of T8, T10 & L1 vertebral level (Practical) (VI-RA)			AN 47.5, 47.6 Tutorial: Caecum and appendix (SG + DOAP session)			Batch - A Histology practical / Dissection: Transverse section of abdomen at the level of T8, T10 & L1 vertebra (VI-RA)			Batch - B Histology practical / Dissection: Transverse section of abdomen at the level of T8, T10 & L1 vertebra (VI-RA)							
23-06-2021 Wednesday	Contraception (VI-OBGY), Comm. Medicine	PY9.6 Enumerate the contraceptive methods for male and female. Discuss their advantages and disadvantage	Receptors 2	PY10.2 Describe and discuss the functions and properties of synapse	Arginine & NO Synthase	BI5.4 Describe common disorders associated with protein metabolism. & BI5.5 Interpret laboratory results of analytes associated with metabolism ofproteins. (VI-Pediatric)	sports	sports	D	artificial respiration	P Y 11.14 Demonstrate Basic Life Support in a simulated environment	E	clinical examination in general and cardio vascular system	P Y 5.15 Demonstrate the correct clinical examination of the cardiovascular system in a normal volunteer or simulated environment	A	cardiac cycle pressure volume changes	P Y 5.3 Discuss the events occurring during the cardiac cycle	B	Estimation of Serum Urea & Serum Creatinine	**BI11.21** Demonstrate estimation Urea & Creatinine in Serum	C	Vitamin B Complex Part 2	BI6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency.
24/06/2021 Thursday	AN 47.5 Kidney and suprarenal gland - 1 Interactive lecture (VI-SU)		AN 47.5 Kidney and suprarenal gland - 2 Interactive lecture (VI-SU)		AN 52.7 Embryology - Urinary system - 1 Interactive lecture (VI-SU)		AN 47.5 Tutorial - Kidney and suprarenal gland (SG + DOAP session) (VI-SU)			AN 47.5 Dissection Kidney and suprarenal gland (Practical) (VI-SU)			Batch - C Histology practical / Dissection – Kidney and suprarenal gland			Batch - D Histology practical / Dissection – Kidney and suprarenal gland							
25-06-2021 Friday	Functional anatomy of eye	PY10.17 Describe and discuss functional anatomy of eye, physiology of image formation, physiology of vision including colour vision,refractive errors, colour blindness, physiology of pupil and light reflex	Genetic Code	BI7.2 Describe the processes involved in replication & repair of DNA and thetranscription & translation mechanisms	endocrine functions of hypothalamus	PY8.2 Describe the synthesis, secretion, transport, physiological actions,regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal glandpancreas and	Menopause HI Anatomy	PY9.11 Discuss the hormonal changes and their effects during perimenopause and menopause	X Batch - PSM Demography and Population Trend CM 9.1 (Define	Y batch Tutorial /group discussion/ viva		X Batch - PSM Visit to Casualty Dept Understand Conce	Y batch Tutorial /group discussion/ viva		X Batch - PSM Visit to Casualty Dept	Y batch Tutorial /group discussion/ viva		X Batch	In PSM Department		Y Batch	Thyroid Function Tests	BI6.13 Describe the functions of pituitary and thyroid glands.
26/6/2021 Saturday	AN 48.2, 48.5, 48.6 Ureter and Urinary Bladder Interactive lecture (VI-SU)		AN 48.2, 48.5, 48.7 Prostate and Urethra Interactive lecture (VI-SU)		AN 48.2, 48.5, 48.6 Tutorial Ureter and Urinary Bladder (SG + DOAP session) (VI-SU)		AN 48.2, 48.5, 48.6 Dissection Ureter and Urinary Bladder (Practical) (VI-SU)																	
28-06-2021 Monday	Translation and Post Translational Modifications	BI7.2 Describe the processes involved in replication & repair of DNA and thetranscription & translation mechanisms.	reflex 1	PY10.2 Describe and discuss the functions and properties of synapse , reflex,receptors	Physiology of image formation 1	PY10.17 Describe and discuss functional anatomy of eye, physiology of image formation, physiology of vision including colour vision,refractive errors, colour blindness, physiology of pupil and light	Anterior pituitary 1	PY8.2 Describe the synthesis, secretion, transport, physiological actions,regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal glandpancreas and hypothalamus	Y Batch - PSM Demography and Population Trend CM 9.1 (Define	X batch Tutorial /group discussion/ viva		Y Batch - PSM Visit to Casualty Dept Understand Conce	X batch Tutorial /group discussion/ viva		Y Batch - PSM Visit to Casualty Dept	X batch Tutorial /group discussion/ viva		Y Batch	In PSM Department		X Batch	Thyroid Function Tests	BI6.13 Describe the functions of pituitary and thyroid glands.

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B. J. MEDICAL COLLEGE, AHMEDABAD

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	Topic	Competency	Topic	Competency	Topic	Competency	Topic	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency
29/6/2021 tuesday	AN 49.1, 49.2 Perineum - 1 Interactive lecture (VI-OG) (VI-SU)		AN 52.2 Histology: Urinary system Interactive lecture		AN 48.2, 48.5, 48.6 Dissection Ureter and Urinary Bladder (Practical) (VI-SU)		AN 48.2, 48.5, 48.7 Dissection: Prostate and Urethra (Practical) (VI-SU)			Tutorial: Revision of all abdominal viscera (SG + DOAP session)			Batch - A Histology practical / Dissection: Prostate and Urethra			Batch - B Histology practical / Dissection: Prostate and Urethra						
30-06-2021 Wednesday	reflex 2	PY10.2 Describe and discuss the functions and properties of synapse , reflex,receptors	Physiology of image formation 2	PY10.17 Describe and discuss functional anatomy of eye, physiology of image formation, physiology of vision including colour vision,refractive errors, colour blindness, physiology of pupil and light	Mutation	BI7.3 Describe gene mutations and basic mechanism of regulation of geneexpression. (VI-Pediatric)	Anterior pituitary 2	PY8.2 Describe the synthesis, secretion, transport, physiological actions,regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal glandpancreas and hypothalamus	E	artificial respiration	P Y 11.14 Demonstrate Basic Life Support in a simulated environment	A	clinical examination in general and cardio vascular system	P Y 5.15 Demonstrate the correct clinical examination of the cardiovascular system in a normal volunteer or simulated environment	B	cardiac cycle pressure volume changes	P Y 5.3 Discuss the events occurring during the cardiac cycle	C	Estimation of Serum Urea & Serum Creatinine	**BI11.21** Demonstrate estimation Urea & Creatinine in Serum	D	Vitamin B Complex Part 2	BI6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency.
01/07/2021 Thursday	AN 48.1, 48.3, 48.4, 47.9 Perineum – 2 (Pelvic diaphragm & blood vessels) Interactive lecture (VI-OG) (VI-SU)		AN 52.7 Embryology - Urinary system – 2 Interactive lecture (VI-SU)		AN 49.1, 49.2, AN 49.3, 49.4, 49.5 Dissection: Perineum (Practical) (VI-OG) (VI-SU)		AN 53.1 – 53.4 Tutorial: Bony pelvis and sacrum (SG + DOAP session)			AN 48.2,48.5, 48.8 Female reproductive system - 1 Interactive lecture (VI-SU) (VI-OG)			Batch - C Histology practical / Dissection – Perineum AN 49.1, 49.2, AN 49.3, 49.4, 49.5			Batch - D Histology practical / Dissection – Perineum AN 49.1, 49.2, AN 49.3, 49.4, 49.5						
02-07-2021 Friday	Anterior pituitary 3	PY8.2 Describe the synthesis, secretion, transport, physiological actions,regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal glandpancreas and hypothalamus	Aromatic Amino acid Metabolism	BI5.4 Describe common disorders associated with protein metabolism. & BI5.5 Interpret laboratory results of analytes associated with metabolism ofproteins. (VI-Pediatric)	Aqeous humor	PY10.17 Describe and discuss functional anatomy of eye, physiology of image formation, physiology of vision including colour vision,refractive errors, colour blindness, physiology of pupil and light	sports	sports	X Batch - PSM Social factors and health CM 2.2 (Describe the	Y batch Tutorial /group discussion/ viva		X Batch - PSM Visit to central medical drug store Structure	Y batch Tutorial /group discussion/ viva		X Batch - PSM Visit to central medical	Y batch Tutorial /group discussion/ viva		X Batch	In PSM Department		Y Batch	Elisa & RIA	BI11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory
3/7/2021 Saturday	AN 48.2,48.5, 48.8 Female reproductive system - 2 Interactive lecture (VI-SU) (VI-OG)		AN 48.2,48.5, 48.8 Tutorial Female reproductive system (SG + DOAP session) (VI-SU) (VI-OG)		AN 48.1, 48.3, 48.4, 47.9 Dissection: Pelvic diaphragm & blood vessels (Practical) (VI-OG) (VI-SU)		AN 48.1, 48.3, 48.4, 47.9 Dissection: Pelvic diaphragm & blood vessels (Practical) (VI-OG) (VI-SU)																
05-07-2021 Monday	Aromatic Amino acid Metabolism	BI5.4 Describe common disorders associated with protein metabolism. & BI5.5 Interpret laboratory results of analytes associated with metabolism ofproteins. (VI-Pediatric	AETCOM MODULE 1.1 (CM)	AETCOM MODULE 1.1 (CM)	AETCOM MODULE 1.1 (CM)	AETCOM MODULE 1.1 (CM)	AETCOM MODULE 1.1 (CM)	AETCOM MODULE 1.1 (CM)	Y Batch - PSM Social factors and health CM 2.2 (Describe the	X batch Tutorial /group discussion/ viva		Y Batch - PSM Visit to central medical drug store Structure	X batch Tutorial /group discussion/ viva		Y Batch - PSM Visit to central medical	X batch Tutorial /group discussion/ viva		Y Batch	In PSM Department		X Batch	Elisa & RIA	BI11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory
6/7/2021 tuesday	AN 48.2, 48.5, 48.8, 49.5 Rectum and Anal canal Interactive lecture (VI-SU) (VI-OG)		AN 52.8 Embryology - Female reproductive system Interactive lecture (VI-OG)		Dissection: Pelvic cavity (Practical)		Dissection: Pelvic cavity (Practical)			AN 51.2 AN 54.1 to 54.3 Tutorial : Mid sagittal section of pelvis and x rays (SG + DOAP session) (VI-RA)			Dissection: Mid sagittal section of pelvis / AN 55.1,55.2 Surface Marking			Dissection: Mid sagittal section of pelvis / AN 55.1,55.2 Surface Marking						
07-07-2021 Wednesday	AETCOM MODULE 1.1 (CM)	AETCOM MODULE 1.1 (CM)	AETCOM MODULE 1.1 (CM)	AETCOM MODULE 1.1 (CM)	Gene Expression	BI7.3 Describe gene mutations and basic mechanism of regulation of geneexpression. (VI-Pediatric)	Posterior pituitary	PY8.2 Describe the synthesis, secretion, transport, physiological actions,regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal glandpancreas and hypothalamus		SDL	SDL		SDL	SDL		SDL	SDL		ECE- case of hyperthyroidism & hypothyroidism	BI11.17 Explain the basis and rationale of biochemical tests done in thyroid disorders		ECE- case of hyperthyroidism & hypothyroidism	BI11.17 Explain the basis and rationale of biochemical tests done in thyroid disorders
8/7/2021 Thursday	**part ending examination**	**abdomen**			**part ending examination**	**abdomen**				ece- clinical case study of hernia	ece- clinical case study of hernia					part ending examination	abdomen						
09-07-2021 Friday	AETCOM MODULE 1.1 (CM)	AETCOM MODULE 1.1 (CM)	Cell Cycle	BI7.1 Describe the structure and functions of DNA and RNA and outline the cellcycle.	AETCOM MODULE 1.1 (CM)	AETCOM MODULE 1.1 (CM)	AETCOM MODULE 1.1 (CM)	AETCOM MODULE 1.1 (CM)	X Batch - PSM Social Psychology and Social Organization CM 2.4 (	Y batch Tutorial /group discussion/ viva		X Batch - PSM Visit to bio medical waste management dept	Y batch Tutorial /group discussion/ viva		X Batch - PSM Visit to bio medical waste	Y batch Tutorial /group discussion/ viva		X Batch	In PSM Department		Y Batch	Obesity & Over Weight & PEM	BI8.4 Describe the causes (including dietary habits), effects and health riskassociated with being overweight/ obesity. BI8.2 Describe the types and causes of protein energy malnutrition and its effect
10/07/2021 Saturday	**symposium**		**symposium**		**symposium**		**symposium**																
12-07-2021 Monday	Xenobiotics	BI7.5 Describe the role of xenobiotics in disease	Revision class		Revision class		Revision class		Y Batch - PSM Social Psychology and Social Organization CM 2.4 (	X batch Tutorial /group discussion/ viva		Y Batch - PSM Visit to bio medical waste management dept	X batch Tutorial /group discussion/ viva		Y Batch - PSM Visit to bio medical waste	X batch Tutorial /group discussion/ viva		Y Batch	In PSM Department		X Batch	Obesity & Over Weight & PEM	BI8.4 Describe the causes (including dietary habits), effects and health riskassociated with being overweight/ obesity. BI8.2 Describe the types and causes of protein energy malnutrition and its effect
13/07/2021 Tuesday	AN 27.1, 27.2 Scalp Interactive lecture (VI-SU)		AN 52.2, 52.3 Histology: Female reproductive system – 1 Interactive lecture		AN 27.1, 27.2 Dissection: Scalp (Practical)		AN 27.1, 27.2 Dissection: Scalp (Practical)			Tutorial : Introduction of skull and Norma verticalis (SG + DOAP session)			Batch A Histology practical/ Dissection: Scalp			Batch B Histology practical/ Dissection: Scalp						
14-07-2021 Wednesday	Pupillary light reflex and acommodation HI Anatomy	PY10.17 Describe and discuss functional anatomy of eye, physiology of image formation, physiology of vision including colour vision,refractive errors, colour blindness, physiology of pupil and light reflex	Somatic sensations HI Anatomy	PY10.3 Describe and discuss somatic sensations & sensory tracts	Recombinant DNA Technology	BI7.4 Describe applications of molecular technologies like recombinant DNAtechnology, PCR in the diagnosis and treatment of diseases with geneticbasis. (VI-Pediatric & G-Medicine)	Thyroid hormones- I HI Anatomy	PY8.2 Describe the synthesis, secretion, transport, physiological actions,regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal glandpancreas and hypothalamus	A	cranial nerve 2	P Y 10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves in a normal volunteer P Y 10.20 Demonstrate (i) Testing of visual acuity,	B	clinical examination of respiratory system and abdomen	P Y 6.9 Demonstrate the correct clinical examination of the respiratory system in a normal volunteer or simulated environment	C	Electrocardiography (VI : General Medicine) (ECE)	P Y 5.13 Record and interpret normal ECG in a volunteer or simulated environment	D	Estimation of Serum Total Protein & Albumin	**BI11.8** Demonstrate estimation of Total Proteins, Albumin in Serum & calculate Globulin in Serum & **BI11.22** Calculate Albumin : Globulin (A:G) Ratio.	E	Vitamin C	BI6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency.
15/07/2021 Thursday	AN 28.1 to 28.6, 28.8 Face -1 Interactive lecture (VI-IM)		AN 43.4 Embryology: Branchial apparatus – 1 Interactive lecture		Dissection : Face (Practical)		Dissection : Face (Practical)			Tutorial Norma frontalis (SG + DOAP session)			Batch C Histology practical/ Dissection: Face			Batch D Histology practical/ Dissection: Face						
16-07-2021 Friday	Thyroid hormones- II HI Anatomy	PY8.2 Describe the synthesis, secretion, transport, physiological actions,regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal glandpancreas and hypothalamus	PCR	BI7.4 Describe applications of molecular technologies like recombinant DNAtechnology, PCR in the diagnosis and treatment of diseases with geneticbasis. (VI- Pediatric & G-Medicine)	Sensory tracts-I HI Anatomy	PY10.3 Describe and discuss somatic sensations & sensory tracts	Retina HI Anatomy	PY10.17 Describe and discuss functional anatomy of eye, physiology of image formation, physiology of vision including colour vision,refractive errors, colour blindness, physiology of pupil and light	B	cranial nerve 2	P Y 10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves in a normal volunteer P Y 10.20 Demonstrate (i) Testing of visual acuity,	C	clinical examination of respiratory system and abdomen	P Y 6.9 Demonstrate the correct clinical examination of the respiratory system in a normal volunteer or simulated environment	D	Electrocardiography (VI : General Medicine) (ECE)	P Y 5.13 Record and interpret normal ECG in a volunteer or simulated environment	E	Estimation of Serum Total Protein & Albumin	**BI11.8** Demonstrate estimation of Total Proteins, Albumin in Serum & calculate Globulin in Serum & **BI11.22** Calculate Albumin : Globulin (A:G) Ratio.	A	Vitamin C	BI6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency.
17/07/2021 Saturday	AN 28.1 to28.6,28.8 Face -2 Interactive lecture (VI-IM)		AN 29.1 to 29.4 Posterior triangle of neck Interactive lecture (VI-SU		Tutorial : Norma lateralis (SG + DOAP session)		Dissection : Face and posterior triangle (Practical)																

Zoom to 300 % to view clearly

B. J. MEDICAL COLLEGE, AHMEDABAD

Date/Day+A1:R5	09 AM to 10 AM		10 AM to 11 AM		11 AM to 12 PM		12 PM to 1 PM		2 PM to 3 PM Anatomy/ Physiology/Biochemistry : [Practical in Haematology Laboratory] SGT/DOAP/Tutorials/Seminar/SDL/Case Presentations/ECE			3 PM to 4 PM Anatomy/ Physiology/Biochemistry : [Practical in Amphibian /Mammalian / Clinical Laboratory] SGT/DOAP/Tutorials/Seminar/SDL/Case Presentations/ECE			4 PM to 5 PM Anatomy/ Physiology/Biochemistry : [Practical in Biochemistry Laboratory] SGT/DOAP/Tutorials/Seminar/SDL/Case Presentations/ECE								
	Topic	Competency	Topic	Competency	Topic	Competency	Topic	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency
19-07-2021 Monday	Blot Technique	BI7.4 Describe applications of molecular technologies like recombinant DNAtechnology, PCR in the diagnosis and treatment of diseases with geneticbasis	Sensory tracts-II HI Anatomy	PY10.3 Describe and discuss somatic sensations & sensory tracts	Photochemistry of vision-I HI Anatomy	PY10.17 Describe and discuss functional anatomy of eye, physiology of image formation, physiology of vision including colour vision,refractive errors, colour blindness, physiology of pupil and light	Thyroid hormones- III HI Anatomy	PY8.2 Describe the synthesis, secretion, transport, physiological actions,regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal glandpancreas and hypothalamus	C	cranial nerve 2	P Y 10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves in a normal volunteer P Y 10.20 Demonstrate (i) Testing of visual acuity,	D	clinical examination of respiratory system and abdomen	P Y 6.9 Demonstrate the correct clinical examination of the respiratory system in a normal volunteer or simulated environment	E	Electrocardiography (VI : General Medicine) (ECE)	P Y 5.13 Record and interpret normal ECG in a volunteer or simulated environment	A	Estimation of Serum Total Protein & Albumin	**BI11.8** Demonstrate estimation of Total Proteins, Albumin in Serum & calculate Globulin in Serum & **BI11.22** Calculate Albumin : Globulin (A:G) Ratio.	B	Vitamin C	BI6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency.
20/07/2021 Tuesday	AN 31.4, 35.1, 35.10 Deep cervical fascia Interactive lecture		AN 52.2, 52.3 Histology: Female reproductive system – 2 Interactive lecture		Dissection : Posterior triangle of neck (Practical)		Dissection : Posterior triangle of neck (Practical)			Tutorial : Norma occipitalis (SG + DOAP session)			Batch A Histology practical/ Dissection: Posterior triangle of neck			Batch B Histology practical/ Dissection: Posterior triangle of neck						

Zoom to 300 % to view clearly

B. J. MEDICAL COLLEGE, AHMEDABAD

Date/Day+A1:R5	09 AM to 10 AM		10 AM to 11 AM		11 AM to 12 PM		12 PM to 1 PM		2 PM to 3 PM Anatomy/ Physiology/Biochemistry : [Practical in Haematology Laboratory] SGT/DOAP/Tutorials/Seminar/SDL/Case Presentations/ECE			3 PM to 4 PM Anatomy/ Physiology/Biochemistry : [Practical in Amphibian /Mammalian / Clinical Laboratory] SGT/DOAP/Tutorials/Seminar/SDL/Case Presentations/ECE			4 PM to 5 PM Anatomy/ Physiology/Biochemistry : [Practical in Biochemistry Laboratory] SGT/DOAP/Tutorials/Seminar/SDL/Case Presentations/ECE								
	Topic	Competency	Topic	Competency	Topic	Competency	Topic	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency
21-07-2021 Wednesday	Bakri-Eid																						
22/07/2021 Thursday	AN 42.1 to 42.3 Sub-occipital triangle Interactive lecture		AN 43.4 Embryology: branchial apparatus – 2 Interactive lecture		Dissection : Sub-occipital triangle (Practical)		Dissection : Sub-occipital triangle (Practical)			Tutorial: Cervical vertebrae (SG + DOAP session)			Batch C Histology practical/ Dissection: Posterior triangle of neck			Batch D Histology practical/ Dissection: Posterior triangle of neck						
23-07-2021 Friday	Photochemistry of vision-II HI Anatomy	PY10.17 Describe and discuss functional anatomy of eye, physiology of image formation, physiology of vision including colour vision,refractive errors, colour blindness, physiology of pupil and light	Parathyroid HI Anatomy	PY 8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland,	Gene Therapy	BI7.4 Describe applications of molecular technologies like recombinant DNAtechnology, PCR in the diagnosis and treatment of diseases with geneticbasis.	Pain sensation HI Anatomy	PY10.3 Describe and discuss somatic sensations & sensory tracts	D	cranial nerve 2	P Y 10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves in a normal volunteer P Y 10.20 Demonstrate (i) Testing of visual acuity,	E	clinical examination of respiratory system and abdomen	P Y 6.9 Demonstrate the correct clinical examination of the respiratory system in a normal volunteer or simulated environment	A	Electrocardiography (VI : General Medicine) (ECE)	P Y 5.13 Record and interpret normal ECG in a volunteer or simulated environment	B	Estimation of Serum Total Protein & Albumin	**BI11.8** Demonstrate estimation of Total Proteins, Albumin in Serum & calculate Globulin in Serum & **BI11.22** Calculate Albumin : Globulin (A:G) Ratio.	C	Vitamin C	BI6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency.
24/07/2021 Saturday	AN 30.1,30.2,30.3 Cranial meninges and dural venous sinuses Interactive lecture		AN 0.3,30 4,30.5 Dural venous sinuses Interactive lecture		Tutorial: Interior of cranium and ant cranial fossa (SG + DOAP session)		Dissection : Removal of skull cap (Practical)																
26-07-2021 Monday	Neural functions of retina HI Anatomy	PY10.17 Describe and discuss functional anatomy of eye, physiology of image formation, physiology of vision including colour vision,refractive errors, colour blindness, physiology of pupil and light	Cancer & tumor markers	BI 10.1 Describe cancer initiation ,promotion oncogenes & oncogene activation .Also focus on p53 & apoptosis BI10.2 describe various biochemical tumor markers	Motor organization	Describe and discuss motor tracts, mechanism of maintenance of tone, control of body movements, posture and equilibrium & vestibular apparatus	Vitamin D & Calcium metabolism	PY8.1 Describe the physiology of bone and calcium metabolism	E	cranial nerve 2	P Y 10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves in a normal volunteer P Y 10.20 Demonstrate (i) Testing of visual acuity,	A	clinical examination of respiratory system and abdomen	P Y 6.9 Demonstrate the correct clinical examination of the respiratory system in a normal volunteer or simulated environment	B	Electrocardiography (VI : General Medicine) (ECE)	P Y 5.13 Record and interpret normal ECG in a volunteer or simulated environment	C	Estimation of Serum Total Protein & Albumin	**BI11.8** Demonstrate estimation of Total Proteins, Albumin in Serum & calculate Globulin in Serum & **BI11.22** Calculate Albumin : Globulin (A:G) Ratio.	D	Vitamin C	BI6.5 Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency.
27/07/2021 Tuesday	AN 31.1 Orbit-1 Interactive lecture		AN 43.2, 43.3 Histology: Eye, eyelid & lacrimal gland Interactive lecture		Dissection : Orbit-1 (Practical)		Dissection : Orbit-1 (Practical)			Tutorial : Middle and posterior cranial fossa and orbit (SG + DOAP session)			batch A Histology practical/ Dissection: Orbit-1			batch B Histology practical/ Dissection: Orbit-1						
28-07-2021 Wednesday	Free Radicals	BI7.7 Describe the role of oxidative stress in the pathogenesis of conditionssuch as cancer, complications of diabetes mellitus and atherosclerosis	ECE (Thyroid case presentation-Hyperthyroidism)	PY 8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland,	ECE	ADRENAL CORTEX DISORDERS	ECE (Thyroid case presentation-Hypothyoidism)	PY 8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland,	A	cranial nerve 7,8,9,10,11,12	P Y 10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves in a normal volunteer P Y 10.20 Demonstrate (i) Testing of visual acuity,	B	1,3,4,5,6 cranial nerve examination (VI: Otorhinolaryngology, HI: Human Anatomy) (ECE) and CNS higher functions	P Y 10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves in a normal volunteer P Y 10.20 Demonstrate (i) Testing of visual acuity, colour and field of vision and (ii) hearing (iii) Testing for smell and (iv) taste sensation in	C	endocrine photographs 1	P Y 8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas and hypothalamus	D	Estimation of Serum Total Cholesterol & Serum HDL-C	**BI11.9** Demonstrate the estimation of Serum Total Cholesterol in Serum & **BI11.10** Demonstrate the estimation of HDLCholesterol in Serum.	E	DM, Dyslipidemia, Jaundice, Myocardial infarction	BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions:- diabetes mellitus, dyslipidemia, myocardial infarction
29/07/2021 Thursday	AN 31.2, 31.5 Orbit-2 Interactive lecture		AN 43.4 Embryology: Face Interactive lecture		Dissection : Orbit-2 (Practical)		Dissection : Orbit-2 (Practical)			Tutorial : Norma basalis -1 (SG + DOAP session)			Batch C Histology practical/ Dissection: orbit-2			Batch D Histology practical/ Dissection: orbit-2						
30-07-2021 Friday	Pyramidal tracts HI Anatomy	Describe and discuss motor tracts, mechanism of maintenance of tone, control of body movements, posture and equilibrium & vestibular apparatus	Visual pathway-I HI Anatomy	PY10.18 Describe and discuss the physiological basis of lesion in visual pathway	Diabetes Mellitus Classification, Insulin functions	BI3.8 Discuss and interpret laboratory results of analytes associated withmetabolism of carbohydrates. BI3.9 Discuss the mechanism and significance of blood glucose regulation inhealth and disease &	Pineal & Thymus gland	PY8.3 Describe the physiology of Thymus & Pineal Gland	B	cranial nerve 7,8,9,10,11,12	P Y 10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves in a normal volunteer P Y 10.20 Demonstrate (i) Testing of visual acuity,	C	1,3,4,5,6 cranial nerve examination (VI: Otorhinolaryngology, HI: Human Anatomy) (ECE) and CNS higher functions	P Y 10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves in a normal volunteer P Y 10.20 Demonstrate (i) Testing of visual acuity, colour and field of vision and (ii) hearing (iii) Testing for smell and (iv) taste sensation in	D	endocrine photographs 1	P Y 8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas and hypothalamus	E	Estimation of Serum Total Cholesterol & Serum HDL-C	**BI11.9** Demonstrate the estimation of Serum Total Cholesterol in Serum & **BI11.10** Demonstrate the estimation of HDLCholesterol in Serum.	A	DM, Dyslipidemia, Jaundice, Myocardial infarction	BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions:- diabetes mellitus, dyslipidemia, myocardial infarction
31/07/2021 Saturday	AN 32.1, 32.2 Anterior triangle of neck-1 Interactive lecture		AN 32.1, 32.2 Anterior triangle of neck - 2 Interactive lecture		Dissection: Anterior triangle of neck (Practical)		Tutorial : Norma basalis -2 (SG + DOAP session)																
02-08-2021 Monday	Physiology of Aging	. PY11.7 Describe and discuss physiology of aging; free radicals and antioxidants	Diabetes Mellitus Classification, Insulin functions	BI3.8 Discuss and interpret laboratory results of analytes associated withmetabolism of carbohydrates. BI3.9 Discuss the mechanism and significance of blood glucose regulation inhealth and disease &	Extra pyramidal tracts HI Anatomy	Describe and discuss motor tracts, mechanism of maintenance of tone, control of body movements, posture and equilibrium & vestibular apparatus	light and dark adaptation HI Anatomy	PY10.17 Describe and discuss functional anatomy of eye, physiology of image formation, physiology of vision including colour vision,refractive errors, colour blindness, physiology of pupil and light	C	cranial nerve 7,8,9,10,11,12	P Y 10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves in a normal volunteer P Y 10.20 Demonstrate (i) Testing of visual acuity,	D	1,3,4,5,6 cranial nerve examination (VI: Otorhinolaryngology, HI: Human Anatomy) (ECE) and CNS higher functions	P Y 10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves in a normal volunteer P Y 10.20 Demonstrate (i) Testing of visual acuity, colour and field of vision and (ii) hearing (iii) Testing for smell and (iv) taste sensation in	E	endocrine photographs 1	P Y 8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas and hypothalamus	A	Estimation of Serum Total Cholesterol & Serum HDL-C	**BI11.9** Demonstrate the estimation of Serum Total Cholesterol in Serum & **BI11.10** Demonstrate the estimation of HDLCholesterol in Serum.	B	DM, Dyslipidemia, Jaundice, Myocardial infarction	BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions:- diabetes mellitus, dyslipidemia, myocardial infarction
03/08/2021 Tuesday	AN 32.1, 32.2 Anterior triangle of neck -3 Interactive lecture		AN 43.2 Histology: Endocrine glands Interactive lecture		Dissection : Submandibular region and parotid gland (Practical)		Dissection : Submandibular region and parotid gland (Practical)			Tutorial: Parotid gland (SG + DOAP session)			Batch A Histology practical/ Dissection: submandibular region and parotid gland			Batch B Histology practical/ Dissection: submandibular region amd parotid gland						
04-08-2021 Wednesday	Complication of DM & Role of Laboratory In DM	BI3.8 Discuss and interpret laboratory results of analytes associated withmetabolism of carbohydrates. BI3.9 Discuss the mechanism and significance of blood glucose regulation inhealth and disease & BI3.10 Interpret the results of blood glucose	Stretch reflex-I	PY 10.4 Describe and discuss motor tracts, mechanism of maintenance of tone, control of body movements, posture and equilibrium & vestibular apparatus	AETCOM MODULE 1.2 (CM)	AETCOM MODULE 1.2 (CM)	AETCOM MODULE 1.2 (CM)	AETCOM MODULE 1.2 (CM)	D	cranial nerve 7,8,9,10,11,12	P Y 10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves in a normal volunteer P Y 10.20 Demonstrate (i) Testing of visual acuity,	E	1,3,4,5,6 cranial nerve examination (VI: Otorhinolaryngology, HI: Human Anatomy) (ECE) and CNS higher functions	P Y 10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves in a normal volunteer P Y 10.20 Demonstrate (i) Testing of visual acuity, colour and field of vision and (ii) hearing (iii) Testing for smell and (iv) taste sensation in	A	endocrine photographs 1	P Y 8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas and hypothalamus	B	Estimation of Serum Total Cholesterol & Serum HDL-C	**BI11.9** Demonstrate the estimation of Serum Total Cholesterol in Serum & **BI11.10** Demonstrate the estimation of HDLCholesterol in Serum.	C	DM, Dyslipidemia, Jaundice, Myocardial infarction	BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions:- diabetes mellitus, dyslipidemia, myocardial infarction
05/08/2021 Thursday	AN 33.1, 33.2, 33.4 Temporal & Infratemporal region – 1 Interactive lecture (VI-		AN 43.4 Embryology: Palate and nose Interactive lecture		Dissection: Infratemporal region (Practical)		Dissection: Infratemporal region (Practical)			Tutorial : Temporal and infratemporal fossa (SG + DOAP session)			Batch C Histology practical/ Dissection: Infratemporal region			Batch D Histology practical/ Dissection: Infratemporal region						
06-08-2021 Friday	AETCOM MODULE 1.2 (CM)	AETCOM MODULE 1.2 (CM)	AETCOM MODULE 1.2 (CM)	AETCOM MODULE 1.2 (CM)	Environmental Pollutant	BI7.5 Describe the role of xenobiotics in disease	Physiology of Yoga & Meditation	PY11.12 Discuss the physiological effects of meditation	E	cranial nerve 7,8, 9,10,11,12	P Y 10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves in a normal volunteer P Y 10.20 Demonstrate (i) Testing of visual acuity,	A	1,3,4,5,6 cranial nerve examination (VI: Otorhinolaryngology, HI: Human Anatomy) (ECE) and CNS higher functions	P Y 10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves in a normal volunteer P Y 10.20 Demonstrate (i) Testing of visual acuity, colour and field of vision and (ii) hearing (iii) Testing for smell and (iv) taste sensation in	B	endocrine photographs 1	P Y 8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas and hypothalamus	C	Estimation of Serum Total Cholesterol & Serum HDL-C	**BI11.9** Demonstrate the estimation of Serum Total Cholesterol in Serum & **BI11.10** Demonstrate the estimation of HDLCholesterol in Serum.	D	DM, Dyslipidemia, Jaundice, Myocardial infarction	BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions:- diabetes mellitus, dyslipidemia, myocardial infarction
07/08/2021 Saturday	AN 33.3, 33.5 Infratemporal region - 2 Interactive lecture (VI-SU)		AN 35.2 to 35.5 ,35.8 Deep Structures of the Neck-1 Interactive lecture		Dissection: Deep Structures of the neck (Practical)		Tutorial: Mandible (SG + DOAP session)																
09-08-2021 Monday	Stretch reflex-II	PY 10.4 Describe and discuss motor tracts, mechanism of maintenance of tone, control of body movements, posture and equilibrium & vestibular apparatus	ECM	BI9.1 List the functions and components of the extracellular matrix (ECM) & BI9.10 Discuss the involvement of ECM components in health and disease.	AETCOM MODULE 1.2 (CM)	AETCOM MODULE 1.2 (CM)	AETCOM MODULE 1.2 (CM)	AETCOM MODULE 1.2 (CM)	X Batch - PSM Social Classification and its importance CM 2.5 (	SDL	SDL	X Batch - PSM Social Security Schemes CM 2.5 (	SDL	SDL	X Batch - PSM Social Security Schemes	SDL	SDL	X Batch	In PSM Department		Y Batch	Iron Metabolism	BI6.10 Enumerate and describe the disorders associated with mineral metabolism.
10/08/2021 Tuesday	AN 35.2 to 35.9 Deep Structures of the Neck-2 Interactive lecture (VI-SU)		AN 40.3, 43.2, 43.3 Histology: Ear Interactive lecture (VI-EN)		Dissection: Deep Structures of the neck (Practical)		Dissection: Deep Structures of the neck (Practical)			Tutorial: Thyroid gland (SG + DOAP session)			Batch A Histology practical/ Dissection: Deep Structures of the neck			Batch B Histology practical/ Dissection: Deep Structures of the neck						

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B. J. MEDICAL COLLEGE, AHMEDABAD

Date/Day+A1:R5	09 AM to 10 AM		10 AM to 11 AM		11 AM to 12 PM		12 PM to 1 PM		2 PM to 3 PM Anatomy/ Physiology/Biochemistry : [Practical in Haematology Laboratory] SGT/DOAP/Tutorials/Seminar/SDL/Case Presentations/ECE			3 PM to 4 PM Anatomy/ Physiology/Biochemistry : [Practical in Amphibian /Mammalian / Clinical Laboratory] SGT/DOAP/Tutorials/Seminar/SDL/Case Presentations/ECE			4 PM to 5 PM Anatomy/ Physiology/Biochemistry : [Practical in Biochemistry Laboratory] SGT/DOAP/Tutorials/Seminar/SDL/Case Presentations/ECE								
	Topic	Competency	Topic	Competency	Topic	Competency	Topic	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency
11-08-2021 Wednesday	Protein Targeting and sorting	BI9.3 Describe protein targeting & sorting along with its associated disorders.	Golgi tendon organ and Polysynaptic reflexes	PY 10.4 Describe and discuss motor tracts, mechanism of maintenance of tone, control of body movements, posture and equilibrium & vestibular apparatus	AETCOM MODULE 1.2 (CM)	AETCOM MODULE 1.2 (CM)	AETCOM MODULE 1.2 (CM)	AETCOM MODULE 1.2 (CM)	Y Batch - PSM Social Classification and Its importance CM 2.5 (	SDL	SDL	Y Batch - PSM Social Security Schemes CM 2.5 (	SDL	SDL	Y Batch - PSM Social Security Schemes	SDL	SDL	Y Batch	In PSM Department		X Batch	Iron Metabolism	BI6.10 Enumerate and describe the disorders associated with mineral metabolism.

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B. J. MEDICAL COLLEGE, AHMEDABAD

Date/Day+A1:R5	09 AM to 10 AM		10 AM to 11 AM		11 AM to 12 PM		12 PM to 1 PM		2 PM to 3 PM Anatomy/ Physiology/Biochemistry : [Practical in Haematology Laboratory] SGT/DOAP/Tutorials/Seminar/SDL/Case Presentations/ECE			3 PM to 4 PM Anatomy/ Physiology/Biochemistry : [Practical in Amphibian /Mammalian / Clinical Laboratory] SGT/DOAP/Tutorials/Seminar/SDL/Case Presentations/ECE			4 PM to 5 PM Anatomy/ Physiology/Biochemistry : [Practical in Biochemistry Laboratory] SGT/DOAP/Tutorials/Seminar/SDL/Case Presentations/ECE								
	Topic	Competency	Topic	Competency	Topic	Competency	Topic	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency
12/08/2021 Thursday	AN 35.2 to 35.9 Deep Structures of the neck-3 Interactive lecture (VI-SU)		AN 43.4 Embryology: Eye and ear development Interactive lecture		Dissection: Deep Structures of the neck (Practical)		Dissection: Deep Structures of the neck (Practical)			Tutorial: Revision of all normas (SG + DOAP session)			Batch C Histology practical/ Dissection: Deep Structures of the neck			Batch D Histology practical/ Dissection: Deep Structures of the neck						
13-08-2021 Friday	Colour vision HI Anatomy	PY10.17 Describe and discuss functional anatomy of eye, physiology of image formation, physiology of vision including colour vision,refractive errors, colour blindness, physiology of pupil and light	Immunology Hybridomo technology	BI10.10 Describe antigens and concepts involved in vaccine development.	lesions of spinal cord HI Anatomy	PY10.6 Describe and discuss Spinal cord, its functions, lesion & Sensoy disturbance	Muscle Tone	PY 10.4 Describe and discuss motor tracts, mechanism of maintenance of tone, control of body movements, posture and equilibrium & vestibular apparatus	A	perimetery	P Y 10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves in a normal volunteer P Y 10.20 Demonstrate (i) Testing of visual acuity,	B	examinations of Reflexes	P Y 10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves in a normal volunteer P Y 10.20 Demonstrate (i) Testing of visual acuity, colour and field of vision and (ii) hearing (iii) Testing for smell and (iv) taste sensation in	C	endocrine photographs 2	P Y 8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas and hypothalamus	D	Estimation of Serum Triglyceride and Lipid Profile Interpretation	**BI11.10** Demonstrate the estimation of Triglycerides in Serum.	E	Arterial Blood Gas Analysis	BI6.8 Discuss and interpret results of Arterial Blood Gas (ABG) analysis in various disorders.
14/08/2021 Saturday	AN 37.2, 37.3 Paranasal air sinus Interactive lecture (VI-EN)		AN 36.1, 36.2, 36.4 Mouth, hard & soft palate and pharynx – 1 Interactive lecture (VI-EN)		Dissection: Deep Structures of the neck (nose) (Practical)		Tutorial: Tounge (SG + DOAP session)																	
16-08-2021 Monday	Parasi Nootan Varsh																					
17/08/2021 Tuesday	AN 36.3, 36.5 Pharynx-2 Interactive lecture (VI-EN)		AN 40.1, 40.2, 40.4, 40.5 Ear-1 (External and Middle ear)		Dissection: Deep Structures of the neck (Practical)		Dissection : Pharynx/ sagittal section of head and neck (Practical)			Tutorial: Viscera of neck and sagittal section of head and neck (SG + DOAP session)			Dissection : Pharynx/ sagittal section of head and neck (Practical)			Dissection : Pharynx/ sagittal section of head and neck (Practical)						
18-08-2021 Wednesday	Vestibular apparatus 1 HI Anatomy	PY 10.4 Describe and discuss motor tracts, mechanism of maintenance of tone, control of body movements, posture and equilibrium & vestibular apparatus	Basal ganglia 1	PY10.7 Describe and discuss functions of cerebral cortex, basal ganglia thalamus, hypothalamus, cerebellum and limbic system and their abnormalities	Alcohol Metabolism & XENOBIOTICS	BI7.5 Describe the role of xenobiotics in disease	binocular vision	PY10.17 Describe and discuss functional anatomy of eye, physiology of image formation, physiology of vision including colour vision,refractive errors, colour blindness, physiology of pupil and light	B	perimetery	P Y 10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves in a normal volunteer P Y 10.20 Demonstrate (i) Testing of visual acuity,	C	examinations of Reflexes	P Y 10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves in a normal volunteer P Y 10.20 Demonstrate (i) Testing of visual acuity, colour and field of vision and (ii) hearing (iii) Testing for smell and (iv) taste sensation in	D	endocrine photographs 2	P Y 8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas and hypothalamus	E	Estimation of Serum Triglyceride and Lipid Profile Interpretation	**BI11.10** Demonstrate the estimation of Triglycerides in Serum.	A	Arterial Blood Gas Analysis	BI6.8 Discuss and interpret results of Arterial Blood Gas (ABG) analysis in various disorders.
19/08/2021 Thursday		**Holiday**			**Muharram**																	
20-08-2021 Friday	Basal ganglia 2	PY10.7 Describe and discuss functions of cerebral cortex, basal ganglia thalamus, hypothalamus, cerebellum and limbic system and their abnormalities	Alcohol Metabolism & XENOBIOTICS	BI7.5 Describe the role of xenobiotics in disease	REVISION LECTURE	REVISION LECTURE	REVISION LECTURE	REVISION LECTURE	C	perimetery	P Y 10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves in a normal volunteer P Y 10.20 Demonstrate (i) Testing of visual acuity,	D	examinations of Reflexes	P Y 10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves in a normal volunteer P Y 10.20 Demonstrate (i) Testing of visual acuity, colour and field of vision and (ii) hearing (iii) Testing for smell and (iv) taste sensation in	E	endocrine photographs 2	P Y 8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas and hypothalamus	A	Estimation of Serum Triglyceride and Lipid Profile Interpretation	**BI11.10** Demonstrate the estimation of Triglycerides in Serum.	B	Arterial Blood Gas Analysis	BI6.8 Discuss and interpret results of Arterial Blood Gas (ABG) analysis in various disorders.
21/08/2021 Saturday	AN 40.1, 40.2, 40.4, 40.5 Ear-2 (Internal ear and applied anatomy) Interactive lecture (VI-EN)		Dissection: Sagittal section of head and neck (ear) (Practical)		Dissection: Sagittal section of head and neck (ear) (Practical)		Tutorial: Revision of Mandible and cervical vertebrae (SG + DOAP session)																	
23-08-2021 Monday	Clinical -Case discussion : Acid base disturbance	BI6.8 Discuss and interpret results of Arterial Blood Gas (ABG) analysis in various disorders	system ending test FA	system ending test FA	system ending test FA	system ending test FA	system ending test FA	system ending test FA	D	perimetery	P Y 10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves in a normal volunteer P Y 10.20 Demonstrate (i) Testing of visual acuity,	E	examinations of Reflexes	P Y 10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves in a normal volunteer P Y 10.20 Demonstrate (i) Testing of visual acuity, colour and field of vision and (ii) hearing (iii) Testing for smell and (iv) taste sensation in	A	endocrine photographs 2	P Y 8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas and hypothalamus	B	Estimation of Serum Triglyceride and Lipid Profile Interpretation	**BI11.10** Demonstrate the estimation of Triglycerides in Serum.	C	Arterial Blood Gas Analysis	BI6.8 Discuss and interpret results of Arterial Blood Gas (ABG) analysis in various disorders.
24/08/2021 Tuesday	AN 38.1 to 38.3 Larynx -1 Interactive lecture (VI-EN)		Dissection: Viscera of neck and sagittal section of head and neck (Practical) (Larynx)		Dissection: Viscera of neck and sagittal section of head and neck (Practical) (Larynx)		Dissection: Viscera of neck and sagittal section of head and neck (Practical) (Larynx)			Tutorial: Viscera of neck and sagittal section of head and neck (SG + DOAP session)			Dissection: Sagittal section of head and neck (Practical)			Dissection: Sagittal section of head and neck (Practical)						
25/8/2021 Wednesday	Ocular movements	PY10.17 Describe and discuss functional anatomy of eye, physiology of image formation, physiology of vision including colour vision,refractive errors, colour blindness, physiology of pupil and light	ECE-Case discussion : Myocardial infarction	BI4.3 Explain the regulation of lipoprotein metabolism & associated disorders.	ECE-Case discussion : Myocardial infarction	BI4.3 Explain the regulation of lipoprotein metabolism & associated disorders.	ECE-Case discussion : Myocardial infarction	BI4.3 Explain the regulation of lipoprotein metabolism & associated disorders.	E	perimetery	P Y 10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves in a normal volunteer P Y 10.20 Demonstrate (i) Testing of visual acuity,	A	Examinations of Reflexes	P Y 10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves in a normal volunteer P Y 10.20 Demonstrate (i) Testing of visual acuity, colour and field of vision and (ii) hearing (iii) Testing for smell and (iv) taste sensation in	B	endocrine photographs 2	P Y 8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas and hypothalamus	C	Estimation of Serum Triglyceride and Lipid Profile Interpretation	**BI11.10** Demonstrate the estimation of Triglycerides in Serum.	D	Arterial Blood Gas Analysis	BI6.8 Discuss and interpret results of Arterial Blood Gas (ABG) analysis in various disorders.
26/ 08/2021 Thursday	AN 38.1 to 38.3 Larynx-2 Interactive lecture (VI-EN)		Dissection: Sagittal section of head and neck (Practical)		Dissection: Surface marking (Practical)		Dissection: Surface marking (Practical)			Tutorial: X rays (SG + DOAP session)			practical/ Dissection/ revision			practical/ Dissection/revision						
27-08-2021 Friday	cerebellum 2	PY10.7 Describe and discuss functions of cerebral cortex, basal ganglia thalamus, hypothalamus, cerebellum and limbic system and their abnormalities	ECE (Glaucoma video presentation/HOSPITAL VISIT-SG)	PY10.17 Describe and discuss functional anatomy of eye, physiology of image formation, physiology of vision including colour vision,refractive errors, colour blindness, physiology of pupil and light	ECE	HOSPITAL VISIT	ECE ERG demonstration in clinical setting	PY10.19 Describe and discuss auditory & visual evoke potentials	A	sensory system examinations and thermometery	P Y 10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves in a normal volunteer or simulated environment	B	motor system examination 1(VI : General Medicine)	P Y 10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves in a normal volunteer or simulated environment	C	EEG	P Y 10.12 Identify normal EEG forms	D	Estimation of Serum Bilirubin & Serum ALP activity	**BI11.12** Demonstrate estimation of Bilirubin in Serum & BI11.14 Demonstrate estimation of ALP activity in Serum	E	Calcium and Phosporus	BI6.9 Describe the functions of various minerals in the body, their metabolism and homeostasis. & BI 6.10 Enumerate and describe the disorders associated with mineral metabolism.
30-08-2021 Monday	Janmashtami																					

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B. J. MEDICAL COLLEGE, AHMEDABAD

Date/Day+A1:R5	09 AM to 10 AM		10 AM to 11 AM		11 AM to 12 PM		12 PM to 1 PM		2 PM to 3 PM Anatomy/ Physiology/Biochemistry : [Practical in Haematology Laboratory] SGT/DOAP/Tutorials/Seminar/SDL/Case Presentations/ECE			3 PM to 4 PM Anatomy/ Physiology/Biochemistry : [Practical in Amphibian /Mammalian / Clinical Laboratory] SGT/DOAP/Tutorials/Seminar/SDL/Case Presentations/ECE			4 PM to 5 PM Anatomy/ Physiology/Biochemistry : [Practical in Biochemistry Laboratory] SGT/DOAP/Tutorials/Seminar/SDL/Case Presentations/ECE								
	Topic	Competency	Topic	Competency	Topic	Competency	Topic	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency
31/08/2021 to 11/09/2021		second	internal	exam	theory and practical																		
13-09-2021 Monday	Postural reflexes	PY 10.4 Describe and discuss motor tracts, mechanism of maintenance of tone, control of body movements, posture and equilibrium & vestibular apparatus	cerebellum 3	PY10.7 Describe and discuss functions of cerebral cortex, basal ganglia thalamus, hypothalamus, cerebellum and limbic system and their abnormalities	Physiological anatomy of Ear HI Anatomy	PY10.15 Describe and discuss functional anatomy of ear and auditory pathways & physiology of hearing	Thalamus	PY10.7 Describe and discuss functions of cerebral cortex, basal ganglia thalamus, hypothalamus, cerebellum and limbic system and their abnormalities	B	sensory system examinations and thermometery	P Y 10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves in a normal volunteer or simulated environment	C	motor system examination 1(VI : General Medicine)	P Y 10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves in a normal volunteer or simulated environment	D	EEG	P Y 10.12 Identify normal EEG forms	E	Estimation of Serum Bilirubin & Serum ALP activity	**BI11.12** Demonstrate estimation of Bilirubin in Serum & BI11.14 Demonstrate estimation of ALP activity in Serum	A	Calcium and Phosporus	BI6.9 Describe the functions of various minerals in the body, their metabolism and homeostasis. & BI 6.10 Enumerate and describe the disorders associated with mineral metabolism.
14-09-2021 Tuesday	AN 7.1 to 7.4 Introduction to neuroanatomy Interactive lecture		AN 7.1 to 7.4 Introduction to neuroanatomy Interactive lecture		AN 67.1 to 67.3 Histology: Nervous tissue - 1 Interactive lecture (HI-PY)		AN 56.1, 57.1, 57.2 Tutorial – External features of spinal cord (SG + DOAP session)			AN 56.1, 57.1, 57.2 External features of spinal cord Interactive lecture			Batch - A Histology practical/ Demonstration of spinal cord			Batch - B Histology practical/ Demonstration of spinal cord							
15-09-2021 Wednesday	Mechanism of Hearing 1 HI Anatomy	PY10.15 Describe and discuss functional anatomy of ear and auditory pathways & physiology of hearing	ECE-Case discussion : Viral Hepatitis,Hemolytic jaundice ansd obstructive jaundice	BI6.15 Describe the abnormalities of liver	ECE-Case discussion : Viral Hepatitis,Hemolytic jaundice ansd obstructive jaundice	BI6.15 Describe the abnormalities of liver	ECE-Case discussion : Viral Hepatitis,Hemolytic jaundice ansd obstructive jaundice	BI6.15 Describe the abnormalities of liver	C	sensory system examinations and thermometery	P Y 10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves	D	motor system examination 1(VI : General Medicine)	P Y 10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves in a normal volunteer or simulated environment	E	EEG	P Y 10.12 Identify normal EEG forms	A	Estimation of Serum Bilirubin & Serum ALP activity	**BI11.12** Demonstrate estimation of Bilirubin in Serum & BI11.14 Demonstrate estimation of ALP activity in Serum	B	Calcium and Phosporus	BI6.9 Describe the functions of various minerals in the body, their metabolism and homeostasis. & BI 6.10 Enumerate and describe the disorders associated with mineral metabolism
16-09-2021 Thursday	AN 57.3 to 57.4 Internal structure of spinal cord- grey matter Interactive lecture		AN 57.3 to 57.4 Internal structure of spinal cord Interactive lecture		Tutorial –Demonstration of parts of brain (SG + DOAP session)		Tutorial –Demonstration of parts of brain (SG + DOAP session)			AN 64.2, 64.3 Embryology - development of Neural crest cells & their derivatives Interactive lecture			Batch - C Histology practical/ Demonstration of parts of brain			Batch - D Histology practical/ Demonstration of parts of brain							
17-09-2021 Friday	AETCOM Module 1.4 (CM)	AETCOM Module 1.4 (CM)	AETCOM Module 1.4 (CM)	AETCOM Module 1.4 (CM)	AETCOM Module 1.4 (CM)	AETCOM Module 1.4 (CM)	AETCOM Module 1.4 (CM)	AETCOM Module 1.4 (CM)	E	sensory system examinations and thermometery	P Y 10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves	A	motor system examination 1(VI : General Medicine)	P Y 10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves in a normal volunteer or simulated environment	B	EEG	P Y 10.12 Identify normal EEG forms	C	Estimation of Serum Bilirubin & Serum ALP activity	**BI11.12** Demonstrate estimation of Bilirubin in Serum & BI11.14 Demonstrate estimation of ALP activity in Serum	D	Calcium and Phosporus	BI6.9 Describe the functions of various minerals in the body, their metabolism and homeostasis. & BI 6.10 Enumerate and describe the disorders associated with mineral metabolism
18-09-2021 Saturday	AN 57.3 to 57.4 Internal structure of spinal cord- white matter - 1 Interactive lecture		AN 57.3 to 57.4 Internal structure of spinal cord- white matter - 1 Interactive lecture		AN 62.2 Tutorial –Demonstration of sulci & gyri (SG + DOAP session)		AN 62.2 Tutorial –Demonstration of sulci & gyri (SG + DOAP session)																	
20-09-2021 Monday	Hypothalamus 1	PY10.7 Describe and discuss functions of cerebral cortex, basal ganglia thalamus, hypothalamus, cerebellum and limbic system and their	Mechanism of Hearing 2 HI Anatomy	PY10.15 Describe and discuss functional anatomy of ear and auditory pathways & physiology of hearing	REVISION LECTURE	REVISION LECTURE	REVISION LECTURE	REVISION LECTURE	D	sensory system examinations and thermometery	P Y 10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves	E	motor system examination 1(VI : General Medicine)	P Y 10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves in a normal volunteer or simulated environment	A	EEG	P Y 10.12 Identify normal EEG forms	B	Estimation of Serum Bilirubin & Serum ALP activity	**BI11.12** Demonstrate estimation of Bilirubin in Serum & BI11.14 Demonstrate estimation of ALP activity in Serum	C	Calcium and Phosporus	BI6.9 Describe the functions of various minerals in the body, their metabolism and homeostasis. & BI 6.10 Enumerate and describe the disorders associated with mineral metabolism
21-09-2021 Tuesday	AN 57.3 to 57.4 Internal structure of spinal cord- white matter -2 Interactive lecture		AN 57.3 to 57.4 Internal structure of spinal cord- white matter -2 Interactive lecture		AN 67.1 to 67.3 Histology: Nervous tissue - 2 Interactive lecture (HI-PY)		AN 57.3 Tutorial – Transverse sections of spinal cord (SG + DOAP session)			AN 57.3 Tutorial – Transverse sections of spinal cord (SG + DOAP session)			Batch - A Histology practical/ Demonstration of spinal cord			Batch - B Histology practical/ Demonstration of spinal cord							
22-09-2021 Wednesday	Auditory pathways HI Anatomy	PY10.15 Describe and discuss functional anatomy of ear and auditory pathways & physiology of hearing	REVISON LECTURE	REVISON LECTURE	Limbic system 1 HI Anatomy	PY10.7 Describe and discuss functions of cerebral cortex, basal ganglia thalamus, hypothalamus, cerebellum and limbic system and their	cerebral circulation HI Anatomy	PY 5.10 Describe & discuss regional circulation including microcirculation lymphatic circulation, coronary, cerebral, capillary, skin, foetal	A	Reproductive system, Menstrual cycle & BBT(contraceptive methods)	P Y 9.6 Enumerate the contraceptive methods for male and female. Discuss their advantages & disadvantages	B	Graph of mammalian blood pressure & respiratory records . O2 and CO2 dissociation curve,Periodic Breathing	PY6.3 Describe and discuss the transport of respiratory gases: Oxygen and Carbon dioxide	C	EMG	PY3.10 Describe the mode of muscle contraction	D	Estimation of Serum SGPT (ALT) activity & Serum SGOT (AST) activity	**BI11.13** Demonstrate the estimation of SGOT & SGPT activity in serum.	E	Trace elements	BI6.9 Describe the functions of various minerals in the body, their metabolism and homeostasis. & BI 6.10 Enumerate and describe the disorders associated with mineral metabolism
23-09-2021 Thursday	AN 57.5 Blood supply and applied anatomy of spinal cord Interactive lecture (HI-PY) (VI-IM)		AN 64.2 Embryology Development of nervous system - 1 Interactive lecture		AN 58.1 Tutorial –External features of medulla oblongata (SG + DOAP session)		AN 58.1 Tutorial –External features of medulla oblongata (SG + DOAP session)			Embryology models (SG + DOAP session)			Batch - C Histology practical/ Demonstration of medulla oblongata			Batch - D Histology practical/ Demonstration of medulla oblongata							
24-09-2021 Friday	Hypothalamus 2	PY10.7 Describe and discuss functions of cerebral cortex, basal ganglia thalamus, hypothalamus, cerebellum and limbic system and their	AETCOM Module 1.4 (CM)	AETCOM Module 1.4 (CM)	AETCOM Module 1.4 (CM)	AETCOM Module 1.4 (CM)	AETCOM Module 1.4 (CM)	AETCOM Module 1.4 (CM)	B	Reproductive system, Menstrual cycle & BBT(contraceptive methods)	P Y 9.6 Enumerate the contraceptive methods for male and female. Discuss their advantages & disadvantages	C	Graph of mammalian blood pressure & respiratory records . O2 and CO2 dissociation curve,Periodic Breathing	PY6.3 Describe and discuss the transport of respiratory gases: Oxygen and Carbon dioxide	D	EMG	PY3.10 Describe the mode of muscle contraction	E	Estimation of Serum SGPT (ALT) activity & Serum SGOT (AST) activity	**BI11.13** Demonstrate the estimation of SGOT & SGPT activity in serum.	A	Trace elements	BI6.9 Describe the functions of various minerals in the body, their metabolism and homeostasis. & BI 6.10 Enumerate and describe the disorders associated with mineral metabolism
25-09-2021 Saturday	AN 58.2, 58.3 Medulla oblongata – internal features Interactive lecture		AN 62.1 Cranial nerve nuclei with its functional component Interactive lecture		AN 61.1 Tutorial – Transverse sections of Medulla oblongata (SG + DOAP session)		AN 61.1 Tutorial – Transverse sections of Medulla oblongata (SG + DOAP session)																	
27-09-2021 Monday	deafness	PY10.15 Describe and discuss functional anatomy of ear and auditory pathways & physiology of hearing	Physiology of smell	PY10.13 Describe and discuss perception of smell and taste sensation	Limbic system 2 HI Anatomy	PY10.7 Describe and discuss functions of cerebral cortex, basal ganglia thalamus, hypothalamus, cerebellum and limbic system and their	CSF HI Anatomy		C	Reproductive system, Menstrual cycle & BBT(contraceptive methods)	P Y 9.6 Enumerate the contraceptive methods for male and female. Discuss their advantages & disadvantages	D	Graph of mammalian blood pressure & respiratory records . O2 and CO2 dissociation curve,Periodic Breathing	PY6.3 Describe and discuss the transport of respiratory gases: Oxygen and Carbon dioxide	E	EMG	PY3.10 Describe the mode of muscle contraction	A	Estimation of Serum SGPT (ALT) activity & Serum SGOT (AST) activity	**BI11.13** Demonstrate the estimation of SGOT & SGPT activity in serum.	B	Trace elements	BI6.9 Describe the functions of various minerals in the body, their metabolism and homeostasis. & BI 6.10 Enumerate and describe the disorders associated with mineral metabolism
28-09-2021 Tuesday	AN 59.1 to 59.3 Pons – internal features Interactive lecture		AN 59.1 to 59.3 Pons – internal features Interactive lecture		AN 72.1 Histology: Skin and appendages Interactive lecture		AN 59.1 Tutorial –External features of pons (SG + DOAP session)			AN 59.2 Tutorial – Transverse sections of of pons (SG + DOAP session)			Batch - A Histology practical/ Demonstration of pons			Batch - B Histology practical/ Demonstration of pons							
29-09-2021 Wednesday	Learning and memory HI Anatomy	PY10.9 Describe and discuss the physiological basis of memory, learning and speech	ECE Hemiplegia case Presentation SG	PY10.6 Describe and discuss Spinal cord, its functions, lesion & Sensoy disturbance	ECE PARAPLEGIA case Presentation SG	PY10.6 Describe and discuss Spinal cord, its functions, lesion & Sensoy disturbance	ECE WARD VISIT HOSPITAL	PY10.6 Describe and discuss Spinal cord, its functions, lesion & Sensoy disturbance	D	Reproductive system, Menstrual cycle & BBT(contraceptive methods)	P Y 9.6 Enumerate the contraceptive methods for male and female. Discuss their advantages & disadvantages	E	Graph of mammalian blood pressure & respiratory records . O2 and CO2 dissociation curve,Periodic Breathing	PY6.3 Describe and discuss the transport of respiratory gases: Oxygen and Carbon dioxide	A	EMG	PY3.10 Describe the mode of muscle contraction	B	Estimation of Serum SGPT (ALT) activity & Serum SGOT (AST) activity	**BI11.13** Demonstrate the estimation of SGOT & SGPT activity in serum.	C	Trace elements	BI6.9 Describe the functions of various minerals in the body, their metabolism and homeostasis. & BI 6.10 Enumerate and describe the disorders associated with mineral metabolism
30-09-2021 Thursday	AN 61.1 to 61.3 Midbrain – internal features Interactive lecture		AN 61.1 to 61.3 Midbrain – internal features Interactive lecture		AN 64.2 Embryology Development of nervous system - 2 Interactive lecture		AN 61.1 Tutorial – External features of midbrain (SG + DOAP session)			AN 59.2 Tutorial – Transverse sections of of midbrain (SG + DOAP session)			Batch - C Histology practical/ Demonstration of midbrain			Batch - D Histology practical/ Demonstration of midbrain							
01-10-2021 Friday	EEG (VI - Psychiatry)	PY10.12 Identify normal EEG forms	ECE-Case discussion : Gout	BI6.4 Discuss the laboratory results of analytes associated with gout	ECE-Case discussion : Gout	BI6.4 Discuss the laboratory results of analytes associated with gout	ECE-Case discussion : Gout	BI6.4 Discuss the laboratory results of analytes associated with gout	E	Reproductive system, Menstrual cycle & BBT(contraceptive methods)	P Y 9.6 Enumerate the contraceptive methods for male and female. Discuss their advantages & disadvantages	A	Graph of mammalian blood pressure & respiratory records . O2 and CO2 dissociation curve,Periodic Breathing	PY6.3 Describe and discuss the transport of respiratory gases: Oxygen and Carbon dioxide	B	EMG	PY3.10 Describe the mode of muscle contraction	C	Estimation of Serum SGPT (ALT) activity & Serum SGOT (AST) activity	**BI11.13** Demonstrate the estimation of SGOT & SGPT activity in serum.	D	Trace elements	BI6.9 Describe the functions of various minerals in the body, their metabolism and homeostasis. & BI 6.10 Enumerate and describe the disorders associated with mineral metabolism
02-10-2021 Saturday	holiday- gandhi jayanti																						
04-10-2021 Monday	Physiology of taste	PY 10.13 Describe and discuss perception of smell and taste sensation	Sleep	PY 10.8 Describe and discuss behavioural and EEG characteristics during sleep and mechanism responsible for its production	Sleep	PY 10.8 Describe and discuss behavioural and EEG characteristics during sleep and mechanism responsible for its production	Physiology of speech	PY10.9 Describe and discuss the physiological basis of memory, learning and speech	B	Revision		C	Revision		D	Revision		E	Demonstration of estimation of Calcium & Phosphorous	**BI11.11** Demonstrate estimation of S. Calcium and S. Phosphorous.	A	Quality control, Autoanalyzer & DNA isolation technique	BI11.16 Observe use of commonly used equipments/techniques in biochemistrylaboratory

Zoom to 300 % to view clearly

B. J. MEDICAL COLLEGE, AHMEDABAD

Date/Day+A1:R5	09 AM to 10 AM		10 AM to 11 AM		11 AM to 12 PM		12 PM to 1 PM		2 PM to 3 PM Anatomy/ Physiology/Biochemistry : [Practical in Haematology Laboratory] SGT/DOAP/Tutorials/Seminar/SDL/Case Presentations/ECE			3 PM to 4 PM Anatomy/ Physiology/Biochemistry : [Practical in Amphibian /Mammalian / Clinical Laboratory] SGT/DOAP/Tutorials/Seminar/SDL/Case Presentations/ECE			4 PM to 5 PM Anatomy/ Physiology/Biochemistry : [Practical in Biochemistry Laboratory] SGT/DOAP/Tutorials/Seminar/SDL/Case Presentations/ECE								
	Topic	Competency	Topic	Competency	Topic	Competency	Topic	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency
05-10-2021 Tuesday	AN 62.6 - Blood supply of brain Interactive lecture (HI-PY)		AN 63.1, 56.2 Fourth ventricle, CSF circulation and its clinical aspects Interactive lecture (HI-PY)		AN 60.1, 61.1 Cerebellum – Internal features Interactive lecture		AN 63.1 Tutorial - Fourth ventricle (SG + DOAP session) (HI-PY)			Practical Revision of spinal cord & brainstem			Tutorial – 3rd ventricle (SG + DOAP session)			AN 61.1 Tutorial – External features of cerebellum (SG + DOAP session)						

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B. J. MEDICAL COLLEGE, AHMEDABAD

Date/Day+A1:R5	09 AM to 10 AM		10 AM to 11 AM		11 AM to 12 PM		12 PM to 1 PM		2 PM to 3 PM Anatomy/ Physiology/Biochemistry : [Practical in Haematology Laboratory] SGT/DOAP/Tutorials/Seminar/SDL/Case Presentations/ECE			3 PM to 4 PM Anatomy/ Physiology/Biochemistry : [Practical in Amphibian /Mammalian / Clinical Laboratory] SGT/DOAP/Tutorials/Seminar/SDL/Case Presentations/ECE			4 PM to 5 PM Anatomy/ Physiology/Biochemistry : [Practical in Biochemistry Laboratory] SGT/DOAP/Tutorials/Seminar/SDL/Case Presentations/ECE								
	Topic	Competency	Topic	Competency	Topic	Competency	Topic	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency
06-10-2021 Wednesday	Brain Death /Coma/Head Injuries (VI - Surgery)	PY11.11 Discuss the concept, criteria for diagnosis of Brain death and its implications	ECE-Case discussion : Sickle cell Anemia & thalassemia	BI5.2 Describe and discuss functions of proteins and structure-function relationships in relevant areas eg, hemoglobin and selected hemoglobinopathies	ECE-Case discussion : Sickle cell Anemia & thalassemia	BI5.2 Describe and discuss functions of proteins and structure-function relationships in relevant areas eg, hemoglobin and selected	ECE-Case discussion : Sickle cell Anemia & thalassemia	BI5.2 Describe and discuss functions of proteins and structure-function relationships in relevant areas eg, hemoglobin and selected hemoglobinopathies	C	Revision		D	Revision		E	Revision	BI11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory including:	A	Estimation of Serum Calcium & Serum Phosphorous	**BI11.11** Demonstrate estimation of Calcium & Phosphorous in serum.	B	Quality control, Autoanalyzer & DNA isolation technique	BI11.16 Observe use of commonly used equipments/techniques in biochemistrylaboratory
07-10-2021 Thursday	AN 60.1, 61.1 Cerebellum – Internal features Interactive lecture		AN 62.4, 62.5 Thalamus, subthalamus and basal ganglia Interactive lecture (HI-PY) (VI-IM)		AN 58.4, 61.3 Applied anatomy of brain stem Interactive lecture (HI-PY)		AN 61.1 Tutorial sections of cerebellum (SG + DOAP session)			AN 63.1,63.2 Lateral ventricle & 3rd ventricle Interactive lecture (HI-PY) (VI-PE)			AN 63.1,63.2 Tutorial –lateral ventricle/ coronal sections of brain (SG + DOAP session)X			AN 63.1,63.2 Tutorial – lateral ventricle/ coronal sections of brain (SG + DOAP session)X							
08-10-2021 Friday	BLS Training (VI General Medicine/ Anaesthesiology)	BLS Training (VI General Medicine/ Anaesthesiology)	BLS Training (VI General Medicine/ Anaesthesiology)	PY11.14 Demonstrate Basic Life Support in a simulated environment	BLS Training (VI General Medicine/ Anaesthesiology)	BLS Training (VI General Medicine/ Anaesthesiology)	BLS Training (VI General Medicine/ Anaesthesiology)	PY11.14 Demonstrate Basic Life Support in a simulated environment	D	Revision		E	Revision		A	Revision	BI11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory including:	B	Estimation of Serum Calcium & Serum Phosphorous	**BI11.11** Demonstrate estimation of Calcium & Phosphorous in serum.	C	Quality control, Autoanalyzer & DNA isolation technique	BI11.16 Observe use of commonly used equipments/techniques in biochemistrylaboratory
09-10-2021 Saturday	AN 62.4, 62.5 Thalamus, subthalamus and basal ganglia Interactive lecture (HI-PY) (VI-IM)		AN 62.5 Hypothalamus, epithalmus and metathalamus Interactive lecture (HI-PY) (VI-IM)		Tutorial - Sagittal section of brain showing basal ganglia (nuclei) (SG + DOAP session)		Tutorial - Sagittal section of brain showing basal ganglia (nuclei) (SG + DOAP session)																
11-10-2021 Monday	Physiology of exercise	PY11.4 Describe and discuss cardio-respiratory and metabolic adjustments during exercise; physical training effects	ECE EEG demonstration room setting SG	PY10.12 Identify normal EEG forms	ECE EEG demonstration IDENTIFICATIONSG	ECE EEG	ECE EEG ANALYSIS SG	ECE	E	Revision		A	Revision		B	Revision		C	Estimation of Serum Calcium & Serum Phosphorous	**BI11.11** Demonstrate estimation of Calcium & Phosphorous in serum.	D	Quality control, Autoanalyzer & DNA isolation technique	BI11.16 Observe use of commonly used equipments/techniques in biochemistrylaboratory
12-10-2021 Tuesday	AN 62.5 Hypothalamus, epithalmus and metathalamus Interactive lecture (HI-PY) (VI-IM)		AN 62.3, 62.6 White matter of cerebrum Interactive lecture (HI-PY) (VI-IM)		Tutorial - Horizontal section of brain showing basal ganglia (nuclei) (SG + DOAP session)		Tutorial - Horizontal section of brain showing basal ganglia (nuclei) (SG + DOAP session)			AN 62.2 Functional areas of cerebrum Interactive lecture (HI-PY) (VI-IM)			AN 62.2 Practical Demonstration of cortical areas of brain			AN 62.2 Practical Demonstration of cortical areas of brain							

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B. J. MEDICAL COLLEGE, AHMEDABAD

Date/Day+A1:R5	09 AM to 10 AM		10 AM to 11 AM		11 AM to 12 PM		12 PM to 1 PM		2 PM to 3 PM Anatomy/ Physiology/Biochemistry : [Practical in Haematology Laboratory] SGT/DOAP/Tutorials/Seminar/SDL/Case Presentations/ECE			3 PM to 4 PM Anatomy/ Physiology/Biochemistry : [Practical in Amphibian /Mammalian / Clinical Laboratory] SGT/DOAP/Tutorials/Seminar/SDL/Case Presentations/ECE			4 PM to 5 PM Anatomy/ Physiology/Biochemistry : [Practical in Biochemistry Laboratory] SGT/DOAP/Tutorials/Seminar/SDL/Case Presentations/ECE								
	Topic	Competency	Topic	Competency	Topic	Competency	Topic	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency	Batch	Topic of Practical	Competency
13-10-2021 Wednesday	Lifestyle Disorders (VI-Medicine)	PY11.5 Describe and discuss physiological consequences of sedentary lifestyle	ECE-Case discussion : Iron deficiency anaemia	BI6.10 Enumerate and describe the disorders associated with mineral metabolism.	ECE-Case discussion : Iron deficiency anaemia	BI6.10 Enumerate and describe the disorders associated with mineral metabolism.	ECE-Case discussion : Iron deficiency anaemia	BI6.10 Enumerate and describe the disorders associated with mineral metabolism.		SDL	SDL		SDL	SDL		SDL	SDL		SDL			SDL	
14-10-2021 Thursday	AN 62.4 Limbic system and olfactory pathway Interactive lecture (HI-PY)		AN 62.4 Limbic system and olfactory pathway Interactive lecture (HI-PY)		Tutorial – Parts of limbic system (SG + DOAP session)		Tutorial – Parts of limbic system (SG + DOAP session)			Tutorial Revision - Functional areas of cerebrum			AN 62.3, 62.6 Tutorial White matter of cerebrum			AN 62.3, 62.6 Tutorial White matter of cerebrum						
15-10-2021 Friday	Dashera																					
16/10/2021 Saturday	AN 56.2, 63.1,63.2 Optic pathway and its clinical aspect Interactive lecture		Revision - Neuroanatomy		Revision - Neuroanatomy		Revision - Neuroanatomy															
18-10-2021 Monday	ECE audiometery demonstration in clinical settings	PY10.15 Describe and discuss functional anatomy of ear and auditory pathways & physiology of hearing	ECE audiometery ANALYSIS in clinical settings	ECE	ECE TREATMENT MODALITY FOR DEAFNESS	ECE	REVISION CLASS	REVISION CLASS		SDL	SDL		SDL	SDL		SDL	SDL		SDL			SDL	
20-10-2021 Wednesday			ECE - Cirrhosis of liver	BI 16.5 - Describe abnormalities of liver	ECE - Cirrhosis of liver	BI 16.5 - Describe abnormalities of liver	ECE - Cirrhosis of liver	BI 16.5 - Describe abnormalities of liver	A	9,10,11,12 cranial nerve examination (VI: Otorhinolorygology, HI: Human Anatomy) (ECE)	P Y 10.11 Demonstrate the correct clinical examination of the nervous system: Higher functions, sensory system, motor system, reflexes, cranial nerves in a normal volunteer P Y 10.20 Demonstrate (i) Testing of visual acuity,	C	Endocrine disorders-2 (ECE)	P Y 8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas and hypothalamus		Endocrine disorders-2 (ECE)	P Y 8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas and hypothalamus		SDL			SDL	
21-10-2021 Tuesday	**Part ending exam - Neuroanatomy**																					
22-10-2021 Friday	X-Batch Group Discussion , Health Prpblem in Gujarat and India						Case Discussion	Case Discussion	Y-Batch Group Discussion , Health Prpblem in Gujarat and India										SDL			SDL	
23/10/2021 Saturday	Clinical case studies of thorax								Problem solving of thorax													
25-10-2021 Monday	X-Batch Group Discussion , Cultural Factors in Health and disease, CM2.2Describe the socio-cultural factors, family (types), its role in health and disease & demonstrate in a simulated environment the correct assessment of socio-economic status								Y-Batch Group Discussion , Cultural Factors in Health and disease , CM2.2Describe the socio-cultural factors, family (types), its role in health and disease & demonstrate in a simulated environment the correct assessment of socio-economic status										SDL			SDL	
26/10/2021 Tuesday	Clinical case studies of head and neck								Problem solving of head and neck													
27-10-2021 Wednesday	X-Batch Group Discussion , Urbanization in idustrialization								Y-Batch Group Discussion , Urbanization in idustrialization										SDL			SDL	
28/10/2021 Thursday	Clinical case studies and problem solving of neuroanatomy																					
29-10-2021 Friday	X-Batch Group Discussion , Self Care								Y-Batch Group Discussion , Self Care										SDL			SDL	
30/10/2021 Saturday	Clinical case studies of abdominal cavity proper								Clinical case studies of pelvis and perineum													
01/11/2021 to 13/11/2021	DIWALI VACATION																					
15-11-2021 to 3-12-2021	**Preliminary Examination SA**	**Preliminary Examination SA**	**Preliminary Examination SA**	**Preliminary Examination SA**	**Preliminary Examination SA**	**Preliminary Examination SA**																
04-12-2021 Saturday	**REVISION OF THORAX**		**REVISION OF THORAX**		**CLINICAL CASE STUDY OF THORAX**		**CLINICAL CASE STUDY OF THORAX**															
06-12-2021 Monday	X-Batch Group Discussion , Preventive aspects of disease in community, CM1.5Describe the application of interventions at various levels of prevention								Y-Batch Group Discussion , Preventive aspects of disease in community, CM1.5Describe the application of interventions at various levels of prevention										Reading Vacation/ Journal Certification/ Extra Classes			Reading Vacation/ Journal Certification/ Extra Classes	
07-12-2021 Tuesday	**REVISION OF UPPER LIMB**		**REVISION OF UPPER LIMB & LOWER LIMB**		**REVISION OF UPPER LIMB & LOWER LIMB**		**REVISION OF UPPER LIMB & LOWER LIMB**			**CLINICAL CASE STUDY OF UPPER LIMB & LOWER LIMB**			**CLINICAL CASE STUDY OF UPPER LIMB & LOWER LIMB**			**CLINICAL CASE STUDY OF UPPER LIMB & LOWER LIMB**							
08-12-2021 Wednesday	X-Batch Group Discussion ,Health care delivery system in india and gujarat,CM17.5 Describe health care delivery in india & SDL FOR- Y BATCH				Y-Batch Group Discussion ,Health care delivery system in india and gujarat,CM17.5 Describe health care delivery in india & SDL FOR X- BATCH																	
09/12/2021 Thursday	**REVISION OF ABDOMEN**		**REVISION OF ABDOMEN**		**REVISION OF ABDOMEN**		**REVISION OF ABDOMEN**			**CLINICAL CASE STUDY OF ABDOMEN**			**CLINICAL CASE STUDY OF ABDOMEN**			**CLINICAL CASE STUDY OF ABDOMEN**							
11/12/2021 Saturday	**REVISION OF NEUROANATOMY**		**REVISION OF NEUROANATOMY**		**CLINICAL CASE STUDY OF NEUROANATOMY**		**CLINICAL CASE STUDY OF NEUROANATOMY**															
13/12/2021 Monday			ECE-Case discussion : Nephrotic syndrome	BI6.15 Describe the abnormalities of kidney	ECE-Case discussion : Nephrotic syndrome	BI6.15 Describe the abnormalities of kidney	ECE-Case discussion : Nephrotic syndrome	BI6.15 Describe the abnormalities of kidney	Revision of Practicals/journal verification/group discussion														
14-12-2021 Tuesday	**REVISION OF HEAD & NECK**		**REVISION OF HEAD & NECK**		**REVISION OF HEAD & NECK**		**REVISION OF HEAD & NECK**		**CLINICAL CASE STUDY OF HEAD & NECK**			**CLINICAL CASE STUDY OF HEAD & NECK**			**CLINICAL CASE STUDY OF HEAD & NECK**							
15/12/2021 Wednesday	SDL								Revision of Practicals/journal verification/group discussion													
17/12/2021 Friday			SDL						Revision of Practicals													
20/12/2021 Monday			SDL																			