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11-12-2025	THU	PHYSIOLOGY	PY 4.2.1.5.L	PHYSIOLOGY	SC6.6		PY 5.14 RECORDING OF BLOOD PRESSURE. ORICE OF PULSE EXAMINATION.		
		SGT	PY 4.2 GASTROINTESTINAL HORMONES (G) HORMONES DISCUSS THEIR FUNCTIONS AND REGULATION. L.HI-BI		Summarize the nutritional importance of commonly used items of food including fruits and vegetables (macromolecules & its importance).		TUTORIAL	3.12 PROPERTIES OF CARDIAC MUSCLE STANNUS LIGATURE (VALLB) OR NONE LAY LOWS REFRACTORY PERIOD	
					SEMINAR		BIOCHEMISTRY		CIA SVL- CRD- VIT DEF DIS
12-12-2025	FRI	ANATOMY	*AN 47.1.47.5.9	*AN 74.1.74.2.74.4	PHYSIOLOGY		SC14.23 Calculate energy content of different food items. Identify food items with high and low (glycemic) index and explain the importance of these in the diet.	*AN 47.1.47.2	*AN 70.2.43.2
		AN SGL 3- SEMINAR (JULIA)	PERITONEAL FOLDS AND STOMACH	PERINATAL DIAGNOSIS			PERITONEUM	PERITONEUM	HISTO-LYMPHOID TISSUE
			VI-SU	LVI-CIS			DISSECTION AND PRACTICAL	DISSECTION AND PRACTICAL	DISSECTION AND PRACTICAL
13-12-2025	SECUN D SAT	PHYSIOLOGY	PHYSIOLOGY	BIOCHEMISTRY	BIOCHEMISTRY		PHYSIOLOGY		
							PHYSIOLOGY		
14-12-2025	SUN						BIOCHEMISTRY		
15-12-2025	MON	PHYSIOLOGY	AN 47.5	*AN 74.1.74.2.74.4	PY 4.2.1.5.L	LUNCH BREAK	*AN 47.1.47.5.47.6	*AN 47.1.47.5.9	*AN 70.2.43.2
		SGT	CT, SMA, IMA	PATTERN OF INHERITANCE	PY 4.2 GASTROINTESTINAL HORMONES (G) HORMONES. DISCUSS THEIR FUNCTIONS AND REGULATION		PERITONEAL FOLDS AND STOMACH	PERITONEAL FOLDS & DISS OF STOMACH. C. TRUNK, SMA, IMA & SPLEEN	HISTO-LYMPHOID TISSUE
			L	VI-BA, VI-FEL	L.HI-BI		SGT	VI-SU DISSECTION AND PRACTICAL	DISSECTION AND PRACTICAL
16-12-2025	TUE	SC6.5	SC12.1	PY 4.2	*PY 4.4.1.5.L		PY 5.14 CLINICAL EXAMINATION OF CVS INFLECTION, PALPATION ORICE BLOOD PRESSURE		
		Describe the causes (including dietary habits, effects and health risks associated with being overweight/obese / metabolic syndrome) SEMINAR	Describe the role of endotoxins in disease in health and disease	PY 4.3 COMPOSITION, MECHANISM OF SECRETION, FUNCTIONS, AND REGULATION OF SALIVA	PY 4.4 COMPOSITION, MECHANISM OF SECRETION, FUNCTIONS, AND REGULATION OF GASTRIC JUICE. DISCUSS VARIOUS GASTRIC FUNCTION TESTS		TUTORIAL	3.12 NERVOUS REGULATION OF HEART EFFECT OF VAGOSYMPATHETIC TRUNK AND CRESCENT ON FROGS HEART	
					L.HI-BI		BIOCHEMISTRY	REVISION	CIA MUSEUM STUDY ASSESSMENT-1
17-12-2025	WED	ANATOMY	PSM	AN 52.1.52.3	AN 47.5		AN 47.5.47.6	*AN 47.1.47.5.47.6	AN 52.1
		AN SGL 4- MUSEUM SPECIMEN	HISTO- OESOPHAGUS, STOMACH	HISTO- OESOPHAGUS, STOMACH	DUODENUM		SPLEEN	PERITONEAL FOLDS & DISS OF STOMACH. C. TRUNK, SMA, IMA & SPLEEN	HISTO- OESOPHAGUS, STOMACH
			L	L	L		SGT	VI-SU DISSECTION AND PRACTICAL	DISSECTION AND PRACTICAL
18-12-2025	THU	PHYSIOLOGY	SC6.3	SC6.3	SC6.3		PY 5.14 CLINICAL EXAMINATION OF CVS INFLECTION, PALPATION ORICE BLOOD PRESSURE		
		SGT	Describe the digestion and absorption of dietary proteins	Describe the formation, transport, detoxification of Ammonia, Ammonia toxicity and its clinical significance			TUTORIAL	3.12 NERVOUS REGULATION OF HEART EFFECT OF VAGOSYMPATHETIC TRUNK AND CRESCENT ON FROGS HEART	
							BIOCHEMISTRY	REVISION	CIA MUSEUM STUDY ASSESSMENT-1
19-12-2025	FRI	ANATOMY	AN 47.5	*AN 47.5.47.6.47.7	PY 4.5.1.5.L		AN 47.5	AN 52.1	AN 52.1
		PANCREAS	LIVER AEXTRAHEPATIC APP. CALOTS TRIANGLE	PY 4.5 COMPOSITION, MECHANISM OF SECRETION, FUNCTIONS AND REGULATION OF PANCREATIC JUICE. INCLUDING VAGOSYMPATHETIC EXOCRINE FUNCTION TESTS			DUODENUM & PANCREAS	HISTO- OESOPHAGUS, STOMACH	HISTO- OESOPHAGUS, STOMACH
			L	VI-SU	SEMINAR		SGT	DISSECTION AND PRACTICAL	DISSECTION AND PRACTICAL
20-12-2025	SAT	PHYSIOLOGY	*PY 7.3	PY 4.6.1.5.L	SC6.7		PY 5.14 CLINICAL EXAMINATION OF CVS INFLECTION, PALPATION ORICE BLOOD PRESSURE		
		SGT	PY7 FUNCTION, ANATOMY OF KIDNEY AND NON-EXCRETORY FUNCTIONS OF KIDNEY	PY 4.6 COMPOSITION, MECHANISM OF SECRETION, FUNCTIONS, AND REGULATION OF INTESTINAL JUICES	Describe the specialized products formed from the amino acids Glycine, and the ribon errors associated with them.		TUTORIAL	3.12 NERVOUS REGULATION OF HEART EFFECT OF VAGOSYMPATHETIC TRUNK AND CRESCENT ON FROGS HEART	
			L.HI-BI		L		BIOCHEMISTRY	REVISION	CIA MUSEUM STUDY ASSESSMENT-1
21-12-2025	SUN								
22-12-2025	MON	PHYSIOLOGY	*AN 47.5.47.10.47.11	*AN 52.6.52.4	PY 7.3.5L	LUNCH BREAK	AN 47.5	AN 47.5.47.6	AN 52.1
		SGT	PORTAL VEIN, BTT'S DEVA POTOCARUL ANASTOMOSIS, INFERIOR VENA CAVA	FORGUT DER. DEV. OF AMT. ABDOMINAL WALL	PY 7.3 STRUCTURE AND FUNCTIONS OF ALIXA GLOMERULAR APPARATUS AND ROLE OF RENIN-ANGIOTENSIN SYSTEM		DUODENUM & LARGE INTESTINE	DISS OF LIVER, PORTAL VEIN, SMALL I, LARGE INTESTINE	HISTO- LIVER GALL B. PANCREAS
			L.VI-SU	VI-SU			SGT	DISSECTION AND PRACTICAL	DISSECTION AND PRACTICAL
23-12-2025	TUE	BIOCHEMISTRY	SC6.7	PY 7.3.5L	PY-7		PY 5.14 CLINICAL EXAMINATION OF CVS PERCUSSION, AUSCULTATION, ORICE CVS INFLECTION, PALPATION		
		Describe the specialized products formed from the amino acids Phenylalanine, Tyrosine and the ribon errors associated with them.	Describe the specialized products formed from the amino acids Tyrosine and the ribon errors associated with them.	Describe the specialized products formed from the amino acids Tyrosine and the ribon errors associated with them.	Describe the specialized products formed from the amino acids Tyrosine and the ribon errors associated with them.		TUTORIAL	3.12 EFFECT OF DRUGS, EFFECT OF VARIOUS IONS ON FROGS HEART	
			L	SEMINAR			BIOCHEMISTRY	REVISION	CIA MUSEUM STUDY ASSESSMENT-1
24-12-2025	WED	ANATOMY	PSM	AN 47.5	*AN 52.1		CIA, CRP, ELI	DISS OF LIVER, PORTAL VEIN, SMALL I, LARGE INTESTINE	HISTO- LIVER GALL B. PANCREAS
			ABDOMINAL AORTA, COMMON ILIAC A	HISTO- LIVER GALL B. PANCREAS			SGT	DISSECTION AND PRACTICAL	DISSECTION AND PRACTICAL
25-12-2025	THU	PHYSIOLOGY		L	H.PY-BI				
26-12-2025	FRI	ANATOMY	AN 47.5.47.8	*AN 52.6	PY 7.3.5L		AN 47.5.47.6.47.7	AN 47.5.47.6.47.8	AN 52.1
		AN SGL 5- MUSEUM SPECIMEN	CAECUM, APPENDIX	MIDGUT DERIVATIVES	PY 7.3 MECHANISM OF URINE FORMATION INVOLVING PROCESSES OF FILTRATION (GLOMERULAR FILTRATION, TUBULAR REABSORPTION & SECRETION)		LIVER AND GALL BLADDER	DISS OF LIVER, PORTAL VEIN, SMALL I, LARGE INTESTINE	HISTO- LIVER GALL B. PANCREAS
			L	VI-SU	SEMINAR		SGT	DISSECTION AND PRACTICAL	DISSECTION AND PRACTICAL
27-12-2025	FOURTH SAT	PHYSIOLOGY	PHYSIOLOGY	BIOCHEMISTRY	BIOCHEMISTRY		PHYSIOLOGY		
							PHYSIOLOGY		
28-12-2025	SUN						BIOCHEMISTRY		
29-12-2025	MON	PHYSIOLOGY	AN 47.5.47.6.47.8	*AN 48.1.48.5.48.6	PY 4.7	LUNCH BREAK	AN 47.5.47.6.47.8	AN 47.5.47.8.47.12.48.1.48.2.48.3.47.12	AN 52.1
		SGT	KIDNEY, URETER	URINARY BLADDER, URETHRA	PY 4.7 PHYSIOLOGY OF DIGESTION AND ABSORPTION OF NUTRIENTS		KIDNEY	DISS OF KIDNEY & POST ABDOMINAL WALL	HISTO-S LARGE INTESTINE, APPENDIX
			L	VI-SU			DISSECTION AND PRACTICAL	DISSECTION AND PRACTICAL	DISSECTION AND PRACTICAL
30-12-2025	TUE	BIOCHEMISTRY	SC6.7	PY 7.3.5L	PHYSIOLOGY		PY 5.14 CLINICAL EXAMINATION OF CVS PERCUSSION, AUSCULTATION, ORICE CVS INFLECTION, PALPATION		
		RESEARCH TEST	Describe the specialized products formed from the amino acids Tyrosine and histamine and the ribon errors associated with them.	Describe the specialized products formed from the amino acids Tyrosine and histamine and the ribon errors associated with them.			TUTORIAL	3.12 EFFECT OF DRUGS, EFFECT OF VARIOUS IONS ON FROGS HEART	
				SEMINAR					
31-12-2025	WED	ANATOMY	PSM	AN 52.1	AN 48.1.48.2.48.3.47.12		CIA, CRP, ELI	AN 47.5.47.8.47.12.48.1.48.2.48.3.47.12	AN 52.1
			HISTO-S LARGE INTESTINE, APPENDIX	POSTERIOR ABDOMINAL WALL, THORACOLUMBAR FASCIA, LUMBAR PLEXUS, MUSCLES, ABDOMINAL AUTONOMIC NERVOUS SYSTEM			SACRUM	DISS OF KIDNEY & POST ABDOMINAL WALL	HISTO-S LARGE INTESTINE, APPENDIX
			L	L			SGT	DISSECTION AND PRACTICAL	DISSECTION AND PRACTICAL
01-01-2026	THU	PHYSIOLOGY	PY 7.3.5L	SC6.7	BIOCHEMISTRY		PY 5.14 CLINICAL EXAMINATION OF CVS PERCUSSION, AUSCULTATION, ORICE CVS INFLECTION, PALPATION		
		SGT	PY 7.4 MECHANISM OF URINE CONCENTRATION AND DILUTION (COUNTER CURRENT MULTIPLIER & EXCHANGER)	Describe the specialized products formed from the amino acids branched chain amino acids and Arginine and the ribon errors associated with them.	CBG		TUTORIAL	3.12 EFFECT OF DRUGS, EFFECT OF VARIOUS IONS ON FROGS HEART	
							BIOCHEMISTRY	REVISION	CIA, CRP, ELI
02-01-2026	FRI	ANATOMY	47.13.47.14.52.3	AN 52.6	PHYSIOLOGY		CIA, CRP, ELI	AN 47.5.47.8.47.12.48.1.48.2.48.3.47.12	AN 52.1
		THORACIC ABDOMINAL DIAPHRAGM INCLUDING DEV. AND CONC. ANOMALIES	HINDGUT DERIV.	L	CC-FI		ANATOMY	REVISION	REVISION
03-01-2026	SAT	PHYSIOLOGY	BIOCHEMISTRY	BIOCHEMISTRY	PHYSIOLOGY		PHYSIOLOGY		
		SGT	AETCOM ASSESSMENT	CC-FI	WACTIVITY		PHYSIOLOGY		
04-01-2026	SUN						BIOCHEMISTRY		
05-01-2026	MON	PHYSIOLOGY	ANATOMY	ANATOMY	PHYSIOLOGY	LUNCH BREAK	ANATOMY		
06-01-2026	TUE	BIOCHEMISTRY	BIOCHEMISTRY	PHYSIOLOGY	PHYSIOLOGY		PHYSIOLOGY		
07-01-2026	WED	ANATOMY	PSM	ANATOMY	ANATOMY		ANATOMY		
08-01-2026	THU	PHYSIOLOGY	PHYSIOLOGY	BIOCHEMISTRY	BIOCHEMISTRY		PHYSIOLOGY		
09-01-2026	FRI	ANATOMY	ANATOMY	ANATOMY	PHYSIOLOGY		BIOCHEMISTRY		
10-01-2026	SECUN D SAT	PHYSIOLOGY	PHYSIOLOGY	BIOCHEMISTRY	BIOCHEMISTRY		PHYSIOLOGY		
							PHYSIOLOGY		
11-01-2026	SUN						BIOCHEMISTRY		

09-02-2026	MON	PHYSIOLOGY	#AN21.1,21.8,21.10	#AN 21.4,21.5,21.6,21.7	PT 9.9	LUNCH BREAK	#AN21.1,21.3	#21.4	
		SGT	THORACIC CAGE AND JOINTS OF THORAX	INTERCOSTAL SPACES	PT 9.9 HORMONAL CHANGES AND THEIR EFFECTS DURING PERMENOPAUSE AND MENOPAUSE		THORACIC CAGE AND STERNUM	INTERCOSTAL SPACES	
			L		SEMINAR		SGT	DISSECTION AND PRACTICAL	
10-02-2026	TUE	BIOCHEMISTRY	BC1.6	PT 6.2.2L	PT 6.2.2L			CLINICAL EXAMINATION	
			Describe the measurement of (approximate) with brief overview of metabolic processes in the body & relations with other processes L	PT 6.2 MECHANISMS OF NORMAL RESPIRATION, PRESSURE CHANGES DURING VENTILATION, LUNG VOLUME AND CAPACITIES	PT 6.2 MECHANISMS OF NORMAL RESPIRATION, PRESSURE CHANGES DURING VENTILATION, LUNG VOLUME AND CAPACITIES		TUTORIAL	CBD KIDNEY CALCULATION	
11-02-2026	WED	ANATOMY	PSM	#AN 24.1, 21.11,24.4	AN 24.2,4		BC14.18 Autanalyser	BC14.18 Electrophysiology by ECG	CIA SVL CBD
		AN BDL 9 SEMINAR (ABDOMEN)		PLEURA & MEDIASTINUM	LUNG		AN 24.1,21.11,21.9	#21.4	AN 9.2
					HEP L		RIBB	INTERCOSTAL SPACES	HISTOLOGY OF FEMALE ACCESSORY REPRODUCTIVE SYSTEM
							SGT	DISSECTION AND PRACTICAL	DISSECTION AND PRACTICAL
12-02-2026	THU	PHYSIOLOGY	PT 9.3.4L	BC1.8	BC1.7			CLINICAL EXAMINATION	
		SGT	PT 9.3 SURFACE TENSION, COMPLIANCE, AIRWAY RESISTANCE, VENTILATION, VIP RATIO, DIFFUSION CAPACITY OF LUNGS	Discuss Biological and therapeutic applications of Endocanoids and their inhibitors	Describe Fatty liver, cholestasis and obesity		TUTORIAL	CBD KIDNEY CALCULATION	
			L		ECG		BC14.18 Autanalyser	BC14.18 Electrophysiology by ECG	CIA SVL CBD
13-02-2026	FRI	ANATOMY	#AN 24.3	#AN25.2,25.4	PT 6.3.4L	LUNCH BREAK	AN 24.1,21.11,AN 24.2,24.5, 24.3,24.6,24.4	#21.4	AN 9.2
			BROCHOPULMONARY SEG	DEV OF RESPIRATORY SYS	PT 6.3 SURFACE TENSION, COMPLIANCE, AIRWAY RESISTANCE, VENTILATION, VIP RATIO, DIFFUSION CAPACITY OF LUNGS		MEDIASTINUM PLEURA LUNG	INTERCOSTAL SPACES	HISTOLOGY OF FEMALE ACCESSORY REPRODUCTIVE SYSTEM
			HEP/PTO-BELL	L				DISSECTION AND PRACTICAL	DISSECTION AND PRACTICAL
14-02-2026	SECOND SAT	PHYSIOLOGY	PHYSIOLOGY	BIOCHEMISTRY	BIOCHEMISTRY		PHYSIOLOGY		
							PHYSIOLOGY		
15-02-2026	SUN						BIOCHEMISTRY		
16-02-2026	MON	PHYSIOLOGY	#AN 22.1,22.2	AN 22.3,22.4,22.5	PT 6.3.4L	LUNCH BREAK	AN 24.2,4	AN 24.1,21.11,AN 24.2,24.5, 24.3,24.6,24.4	AN 24.1,21.11,AN 24.2,24.5, 24.3,24.6,24.4
		SGT	PERICARDIUM & EXTERIOR OF HEART	CORONARY ARTERIES & SUSCANDINO	PT 6.3 SURFACE TENSION, COMPLIANCE, AIRWAY RESISTANCE, VENTILATION, VIP RATIO, DIFFUSION CAPACITY OF LUNGS		LUNG	MEDIASTINUM PLEURA LUNG	MEDIASTINUM PLEURA LUNG
			HEP L	WUM L			SGT	DISSECTION AND PRACTICAL	DISSECTION AND PRACTICAL
17-02-2026	TUE	BIOCHEMISTRY	BC1.2	PT 6.3.1.4L	PT 6.3.1L			CLINICAL EXAMINATION OF R.S. INSPECTION, PALPATION	
			Describe the biochemical processes involved in generation of energy in cells. BC1	PT 6.3 SURFACE TENSION, COMPLIANCE, AIRWAY RESISTANCE, VENTILATION, VIP RATIO, DIFFUSION CAPACITY OF LUNGS	PT 6.3 COMMON CAUSES OF INFERTILITY IN A COUPLE AND ROLE OF IVF IN MANAGING A CASE OF INFERTILITY		TUTORIAL		
					W - OGGY		BC14.2,14.18 Describe estimation of pH by pH meter or ABC analyser and interpretation of results into acid-base disorders.		CIA SVL CBD/ABB
18-02-2026	WED	ANATOMY	PSM	AN 22.3,22.5,22.7	AN 25.1,43.2		AN 22,22.3,22.5	AN 22.3,22.5	AN 25.1,43.2
		AN BDL 10- MUSEUM SPECIMEN		INTERIOR OF HEART ASCENDING AORTA	HISTO TRACHEA LUNG, EPIGLOTTIS		EXTERIOR OF HEART	EXTERIOR AND INTERIOR OF HEART	HISTO TRACHEA LUNG, EPIGLOTTIS
				L	L		SGT	DISSECTION AND PRACTICAL	DISSECTION AND PRACTICAL
19-02-2026	THU	PHYSIOLOGY	PHYSIOLOGY	BIOCHEMISTRY	BIOCHEMISTRY		PHYSIOLOGY		
							PHYSIOLOGY		
20-02-2026	FRI	ANATOMY	AN 23.1,24.6	AN 23.3,23.6,AN	PT 6.4.1L		BIOCHEMISTRY	AN 22.3,22.5	AN 25.1,43.2
			ESOPHAGUS, TRACHEA	SPLANCHNIC NERVES, SVC, IZYGUS SYS	PT 6.4 TRANSPORT OF RESPIRATORY GASES VIZ OXYGEN AND CARBON DIOXIDE ACROSS LUNGS AND WHOLE BODY		INTERIOR OF HEART	EXTERIOR AND INTERIOR OF HEART	HISTO TRACHEA LUNG, EPIGLOTTIS
			L.VI-SU	HEP/VI-MI-VI-RO			SGT	DISSECTION AND PRACTICAL	DISSECTION AND PRACTICAL
21-02-2026	SAT	PHYSIOLOGY	BC1.2	BC13.4	PT 6.4.1L			CLINICAL EXAMINATION OF R.S. INSPECTION, PALPATION	
		SGT	Describe the biochemical processes involved in generation of energy in cells, etc.	Discuss endogenous, exogenous & biochemical changes and effects of chronic alcoholism	PT 6.4 TRANSPORT OF RESPIRATORY GASES VIZ OXYGEN AND CARBON DIOXIDE ACROSS LUNGS AND WHOLE BODY		TUTORIAL		
							BC14.2,14.18 Describe estimation of pH by pH meter or ABC analyser and interpretation of results into acid-base disorders.		CIA SVL CBD/ABB
22-02-2026	SUN								
23-02-2026	MON	PHYSIOLOGY	AN 23.3	AN 23.4	PT 6.4.1L	LUNCH BREAK	AN 21.1,21.2	AN 23.1,23.2,23.3,23.4,23.5,23.6	AN 25.1,43.2
		SGT	THORACIC DUCT & LYMPHATIC DUCTS	ARCH AND DESCENDING AORTA	PT 6.4 TRANSPORT OF RESPIRATORY GASES VIZ OXYGEN AND CARBON DIOXIDE ACROSS LUNGS AND WHOLE BODY		THORACIC VERTEBRAE	POSTERIOR MEDIASTINUM	HISTO TRACHEA LUNG, EPIGLOTTIS
			VI-SU	L			SGT	DISSECTION AND PRACTICAL	DISSECTION AND PRACTICAL
24-02-2026	TUE	BIOCHEMISTRY	BC1.1	PT 6.5.1L	PT 6.5.2L			CLINICAL EXAMINATION OF R.S. INSPECTION, PALPATION	
			Describe the integration of various metabolic processes in the body (Carbohydrate, Lipid, and Protein)	PT 6.5 CHEMORECEPTORS (PERIPHERAL AND CENTRAL) AND NEURAL CENTRES OF RESPIRATION INCLUDING CHEMICAL AND NEURAL REGULATION OF RESPIRATION	PT 6.5 CHEMORECEPTORS (PERIPHERAL AND CENTRAL) AND NEURAL CENTRES OF RESPIRATION INCLUDING CHEMICAL AND NEURAL REGULATION OF RESPIRATION		PHYSIOLOGY		
25-02-2026	WED	ANATOMY	PSM	AN 23.2,27	AN 25.2, 3,25.4		BC14.2,14.18 Describe estimation of pH by pH meter or ABC analyser and interpretation of results into acid-base disorders.		CIA SVL CBD/ABB
				FIBRINOUS INFLAMMATION OF HEART CONDUCTING SYS OF HEART	DEV OF HEART		AN 25.2,25.3,25.4,25.5,25.6	AN 25.2,25.3,25.4,25.5,25.6	AN BDL-12 MUSEUM SPECIMEN
				L	L		RADIO AND LUNG SURFACE ANATOMY OF THORAX	POSTERIOR MEDIASTINUM	
26-02-2026	THU	PHYSIOLOGY	PT 6.5.2L	BC 13.1	BC 13.2		HEP/VI-MI-VI-RO	DISSECTION AND PRACTICAL	
		SGT	PT 6.5 PHYSIOLOGY OF DYSPOEIA, HYPOXIA, CYANOSIS, APNOEIA, SLEEPING, PERIODIC BREATHING AND OXYGEN THERAPY	Describe endogenous, exogenous & biochemical changes & its activation with focus on p53 & apoptosis	Describe various biochemical markers and the biochemical basis of cancer therapy		PT 6.5 CLINICAL EXAMINATION OF R.S. PERCUSSION, AUSCULTATION, OESPE INSPECTION, PALPATION OF R.S.	PT 6.5 PERFORM SPYROMETRY AND INTERPRET THE FINDINGS (DIGITAL/ MANUAL)	
27-02-2026	FRI	ANATOMY	AN 25.6	AN 25.5	PT 6.5.1		BC14.20 Describe & Identify Pre-Analytical (especially order of draw, tourniquet technique, Analytical, Post-Analytical errors, BC14.21 Describe Quality control and identify basic L.J charts in Clinical biochemistry lab		
		AN CONTINUOUS CLASS TEST BAG		TOX/DCA CHARACTERIZATION OF AORTA	PT 6.5 FUNCTIONAL ANATOMY OF ENDOCRINE GLANDS, MECHANISM OF HORMONAL ACTION (STEROID AND PEPTIDE) AND HYPOTHALAMIC-PITUITARY-ADRENAL (HPA) AXIS		AN ECE1	AN ECE1	AN ECE1
			L	HEP/VI-MI-VI-RO	SEMINAR				
28-02-2026	FOURTH SAT	PHYSIOLOGY	PHYSIOLOGY	BIOCHEMISTRY	BIOCHEMISTRY		PHYSIOLOGY		
							PHYSIOLOGY		
01-03-2026	SUN						BIOCHEMISTRY		
02-03-2026	MON	PHYSIOLOGY			# PT 10.3.1 WITH PSYCHIATRY	LUNCH BREAK	AN 26.1,26.2	AN 27.1,26.1,26.2,26.3,26.6	AN 27.1,26.1,26.2,26.3,26.6
		SGT	PT 6.5 SYNTHESIS, SECRETION, TRANSPORT, PHYSIOLOGICAL ACTIONS, REGULATION AND EFFECT OF ALTERED (HYPO AND HYPER) SECRETION OF THYROID GLAND INCLUDING THYROID FUNCTION TESTS	PT 6.5 PHYSIOLOGY OF HIGH ALTITUDE AND ACCLIMATIZATION	PT 6.5 CLASSIFY THE NEUROTRANSMITTERS AND DISCUSS THE CHEMICAL TRANSMISSION IN THE NERVOUS SYSTEM		NORMA VERTICALIS	SUPEROFFICIAL DIS OF SCALP & FACE	SUPEROFFICIAL DIS OF SCALP & FACE
					L.HI-AN		SGT	DISSECTION AND PRACTICAL	DISSECTION AND PRACTICAL
03-03-2026	TUE	BIOCHEMISTRY	BC10.2	PT 6.5.2L	PT 6.5.2L			CLINICAL EXAMINATION OF R.S. PERCUSSION, AUSCULTATION, OESPE INSPECTION, PALPATION OF R.S.	
			Describe the anti-oxidant defense systems in the body	PT 6.5 PATHOPHYSIOLOGY OF DYSPOEIA, HYPOXIA, CYANOSIS, APNOEIA, SLEEPING, PERIODIC BREATHING AND OXYGEN THERAPY	PT 6.5 SYNTHESIS, SECRETION, TRANSPORT, PHYSIOLOGICAL ACTIONS, REGULATION AND EFFECT OF ALTERED (HYPO AND HYPER) SECRETION OF PITUITARY GLAND		TUTORIAL	PT 6.5 PERFORM SPYROMETRY AND INTERPRET THE FINDINGS (DIGITAL/ MANUAL)	
					L		BC14.20 Describe & Identify Pre-Analytical (especially order of draw, tourniquet technique, Analytical, Post-Analytical errors, BC14.21 Describe Quality control and identify basic L.J charts in Clinical biochemistry lab		
04-03-2026	WED	ANATOMY	PSM	ANATOMY	ANATOMY		ANATOMY		
05-03-2026	THU	PHYSIOLOGY	PT 6.5.2L	BC10.3	BIOCHEMISTRY		PT 6.5 CLINICAL EXAMINATION OF R.S. PERCUSSION, AUSCULTATION, OESPE INSPECTION, PALPATION OF R.S.		
		SGT	PT 6.5 SYNTHESIS, SECRETION, TRANSPORT, PHYSIOLOGICAL ACTIONS, REGULATION AND EFFECT OF ALTERED (HYPO AND HYPER) SECRETION OF PITUITARY GLAND	Describe the role of oxidative stress in the pathogenesis of conditions such as cancer, complications of diabetes mellitus and atherosclerosis	CCT-I		TUTORIAL	PT 6.5 PERFORM SPYROMETRY AND INTERPRET THE FINDINGS (DIGITAL/ MANUAL)	
			L		CIA		BC14.20 Describe & Identify Pre-Analytical (especially order of draw, tourniquet technique, Analytical, Post-Analytical errors, BC14.21 Describe Quality control and identify basic L.J charts in Clinical biochemistry lab		
06-03-2026	FRI	ANATOMY	AN BDL 11- SEMINAR (PELVIS)		PT 6.5.1.1L				
					PT 6.5 LUNG FUNCTION TESTS AND THEIR CLINICAL SIGNIFICANCE IN OBSTRUCTIVE AND RESTRICTIVE LUNG DISEASES		TUTORIAL		
					FLIPPED CLASSROOM				
07-03-2026	SAT	PHYSIOLOGY	PT 6.5.1.1L	PT 6.5	BC 11.1			CLINICAL EXAMINATION OF R.S. PERCUSSION, AUSCULTATION	
		SGT	PT 6.5 SYNTHESIS, SECRETION, TRANSPORT, PHYSIOLOGICAL ACTIONS, REGULATION AND EFFECT OF ALTERED (HYPO AND HYPER) SECRETION OF THYROID GLAND INCLUDING THYROID FUNCTION TESTS	PT 6.5 PHYSIOLOGY OF HIGH ALTITUDE AND ACCLIMATIZATION	Describe the function tests of thyroid glands and their clinical significance. Interpret the function tests report		PT 6.5 DEMONSTRATE THE CORRECT TECHNIQUE TO PERFORM MEASUREMENT OF PEAK EXPIRATORY FLOW RATE IN A NORMAL VOLUNTEER OR SIMULATED ENVIRONMENT		
			PHOTOS						
08-03-2026	SUN				SEMINAR		CIA/OSPE-II		CIA/SVL/ASSESSMENT-II
09-03-2026	MON	PHYSIOLOGY			PT 6.3 x 8.4	LUNCH BREAK			
		SGT	PT 6.5 SYNTHESIS, SECRETION, TRANSPORT, PHYSIOLOGICAL ACTIONS, REGULATION AND EFFECT OF ALTERED (HYPO AND HYPER) SECRETION OF THYROID GLAND INCLUDING THYROID FUNCTION TESTS	PT 6.3 SYNTHESIS, SECRETION, TRANSPORT, PHYSIOLOGICAL ACTIONS, REGULATION AND EFFECT OF ALTERED (HYPO AND HYPER) SECRETION OF THYROID GLAND INCLUDING THYROID FUNCTION TESTS	PT 6.3				
					PHOTOS				
					ECG				
10-03-2026	TUE	BIOCHEMISTRY	BC 11.1	6.4.1.1L	PHYSIOLOGY			CLINICAL EXAMINATION OF R.S. PERCUSSION, AUSCULTATION	
			Describe the function tests of adrenal glands and their clinical significance. Interpret the function tests report	PT 6.5 SYNTHESIS, SECRETION, TRANSPORT, PHYSIOLOGICAL ACTIONS, REGULATION AND EFFECT OF ALTERED (HYPO AND HYPER) SECRETION OF THYROID GLAND INCLUDING THYROID FUNCTION TESTS	CALCULATED TESTS		PT 6.5 DEMONSTRATE THE CORRECT TECHNIQUE TO PERFORM MEASUREMENT OF PEAK EXPIRATORY FLOW RATE IN A NORMAL VOLUNTEER OR SIMULATED ENVIRONMENT		

DATE	DAY	PHYSIOLOGY	ANATOMY	PHYSIOLOGY	PHYSIOLOGY	LUNCH BREAK	PHYSIOLOGY	PHYSIOLOGY
23-06-2026	MON	SGT					PHYSIOLOGY	
23-06-2026	TUE	ANATOMY	PSM	ANATOMY	ANATOMY		BIOCHEMISTRY	
24-06-2026	WED	BIOCHEMISTRY	BIOCHEMISTRY	PHYSIOLOGY	PHYSIOLOGY		PHYSIOLOGY	
25-06-2026	THU	ANATOMY	ANATOMY	ANATOMY	PHYSIOLOGY		BIOCHEMISTRY	
26-06-2026	FRI	PHYSIOLOGY	PHYSIOLOGY	BIOCHEMISTRY	BIOCHEMISTRY		PHYSIOLOGY	
27-06-2026	FOURTH SAT	ANATOMY	ANATOMY	ANATOMY	PHYSIOLOGY		BIOCHEMISTRY	
28-06-2026	SUN							
29-06-2026	MON	PHYSIOLOGY	ANATOMY	PHYSIOLOGY	PHYSIOLOGY	LUNCH BREAK	PHYSIOLOGY	
30-06-2026	TUE	ANATOMY	PSM	ANATOMY	ANATOMY		BIOCHEMISTRY	
01-07-2026	WED	BIOCHEMISTRY	BIOCHEMISTRY	PHYSIOLOGY	PHYSIOLOGY		PHYSIOLOGY	
02-07-2026	THU	ANATOMY	ANATOMY	ANATOMY	PHYSIOLOGY		BIOCHEMISTRY	
03-07-2026	FRI	PHYSIOLOGY	PHYSIOLOGY	BIOCHEMISTRY	BIOCHEMISTRY		PHYSIOLOGY	
04-07-2026	SAT	ANATOMY	ANATOMY	ANATOMY	PHYSIOLOGY		BIOCHEMISTRY	
05-07-2026	SUN							
06-07-2026	MON	PHYSIOLOGY	ANATOMY	PHYSIOLOGY	PHYSIOLOGY	LUNCH BREAK	PHYSIOLOGY	
07-07-2026	TUE	ANATOMY	PSM	ANATOMY	ANATOMY		BIOCHEMISTRY	
08-07-2026	WED	BIOCHEMISTRY	BIOCHEMISTRY	PHYSIOLOGY	PHYSIOLOGY		PHYSIOLOGY	
09-07-2026	THU	ANATOMY	ANATOMY	ANATOMY	PHYSIOLOGY		BIOCHEMISTRY	
10-07-2026	FRI	PHYSIOLOGY	PHYSIOLOGY	BIOCHEMISTRY	BIOCHEMISTRY		PHYSIOLOGY	
11-07-2026	SECOND SAT	ANATOMY	ANATOMY	ANATOMY	PHYSIOLOGY		BIOCHEMISTRY	
12-07-2026	SUN							
13-07-2026	MON	PHYSIOLOGY	ANATOMY	PHYSIOLOGY	PHYSIOLOGY	LUNCH BREAK	PHYSIOLOGY	
14-07-2026	TUE	ANATOMY	PSM	ANATOMY	ANATOMY		BIOCHEMISTRY	
15-07-2026	WED	BIOCHEMISTRY	BIOCHEMISTRY	PHYSIOLOGY	PHYSIOLOGY		PHYSIOLOGY	
16-07-2026	THU	ANATOMY	ANATOMY	ANATOMY	PHYSIOLOGY		BIOCHEMISTRY	
17-07-2026	FRI	PHYSIOLOGY	PHYSIOLOGY	BIOCHEMISTRY	BIOCHEMISTRY		PHYSIOLOGY	
18-07-2026	SAT	ANATOMY	ANATOMY	ANATOMY	PHYSIOLOGY		BIOCHEMISTRY	
19-07-2026	SUN							
20-07-2026	MON							
21-07-2026	TUE							
22-07-2026	WED							
23-07-2026	THU							
24-07-2026	FRI							
25-07-2026	FOURTH SAT							
26-07-2026	SUN							
27-07-2026	MON							
28-07-2026	TUE							
29-07-2026	WED							
30-07-2026	THU							
31-07-2026	FRI							

			FIRST TERM						
DAY	09.30-10.00	10.00-11.00	11.00-12.00	12.00-01.00	01.00-01.30	01.30-02.30	02.30-03.30	03.30-05.00	
MONDAY	PHYSIOLOGY	ANATOMY	ANATOMY	PHYSIOLOGY	LUNCH BREAK	ANATOMY			
TUESDAY	BIOCHEMISTRY	BIOCHEMISTRY	PHYSIOLOGY	PHYSIOLOGY		PHYSIOLOGY			
						PHYSIOLOGY			
						BIOCHEMISTRY			
WEDNESDAY	ANATOMY	PSM	ANATOMY	ANATOMY		ANATOMY			
THURSDAY	PHYSIOLOGY	PHYSIOLOGY	BIOCHEMISTRY	BIOCHEMISTRY		PHYSIOLOGY			
						PHYSIOLOGY			
						BIOCHEMISTRY			
FRIDAY	ANATOMY	ANATOMY	ANATOMY	PHYSIOLOGY		ANATOMY			
SATURDAY	PHYSIOLOGY	PHYSIOLOGY	BIOCHEMISTRY	BIOCHEMISTRY		PHYSIOLOGY			
						PHYSIOLOGY			
						BIOCHEMISTRY			
		SECOND TERM							
DAY	09.30-10.00	10.00-11.00	11.00-12.00	12.00-01.00	01.00-01.30	01.30-02.30	02.30-03.30	03.30-05.00	
MONDAY	PHYSIOLOGY	ANATOMY	ANATOMY	PHYSIOLOGY	LUNCH BREAK	ANATOMY			
TUESDAY	BIOCHEMISTRY	BIOCHEMISTRY	PHYSIOLOGY	PHYSIOLOGY		PHYSIOLOGY			
						PHYSIOLOGY			
						BIOCHEMISTRY			
WEDNESDAY	ANATOMY	PSM	ANATOMY	ANATOMY		ANATOMY			
THURSDAY	PHYSIOLOGY	PHYSIOLOGY	BIOCHEMISTRY	BIOCHEMISTRY		PHYSIOLOGY			
						PHYSIOLOGY			
						BIOCHEMISTRY			
FRIDAY	ANATOMY	ANATOMY	ANATOMY	PHYSIOLOGY		ANATOMY			
SATURDAY	PHYSIOLOGY	PHYSIOLOGY	PHYSIOLOGY	BIOCHEMISTRY		PHYSIOLOGY			
						PHYSIOLOGY			
						BIOCHEMISTRY			
		THIRD TERM							
DAY	09.30-10.00	10.00-11.00	11.00-12.00	12.00-01.00	01.00-01.30	01.30-02.30	02.30-03.30	03.30-05.00	
MONDAY	PHYSIOLOGY	ANATOMY	PHYSIOLOGY	PHYSIOLOGY	LUNCH BREAK	PHYSIOLOGY			
						PHYSIOLOGY			
						BIOCHEMISTRY			
TUESDAY	ANATOMY	PSM	ANATOMY	ANATOMY		ANATOMY			

WEDNESDAY	BIOCHEMISTRY	BIOCHEMISTRY	PHYSIOLOGY	PHYSIOLOGY		PHYSIOLOGY		
						PHYSIOLOGY		
						BIOCHEMISTRY		
THURSDAY	ANATOMY	ANATOMY	ANATOMY	PHYSIOLOGY		ANATOMY		
FRIDAY	PHYSIOLOGY	PHYSIOLOGY	BIOCHEMISTRY	BIOCHEMISTRY		PHYSIOLOGY		
						PHYSIOLOGY		
						BIOCHEMISTRY		
SATURDAY	ANATOMY	ANATOMY	ANATOMY	PHYSIOLOGY		ANATOMY		
SUBJECT	COMPETENCY	LECTURES (Hrs)	SGT (Hrs)	SDL (Hrs)	AETCOM (Hrs)	ECE (Hrs)	TOTAL (Hrs)	SMC Alloted hours
ANATOMY	AN							
PHYSIOLOGY	PY							
BIOCHEMISTRY	BI							
IMMUNITY MEDICINE	CM							
AETCOM	AETCOM							
ACTIVE ASSESSMENT	FA							
ECE	ECE							
SDL	SDL							
AITo								
VERTICAL INTEGRATION	* VI							
HORIZONTAL INTEGRATION	# HI							

PY 1.1,	PY 2.1,	# PY 1.8,	# PY 4.1	# PY 5.1	# PY 6.1	# PY 7.1	PY 8.1	# PY 9.1	# PY 10.2	* PY 10.13, PY 10.14	PY 11.1
PY1.1 STRUCTURE AND FUNCTIONS OF A CELL, INTERCELLULAR COMMUNICATION AND THEIR APPLICATIONS IN CLINICAL CARE AND RESEARCH	PY2.1 COMPOSITION AND FUNCTIONS OF BLOOD AND ITS COMPONENTS	PY3.1 STRUCTURE AND FUNCTIONS OF A NEURON AND NEUROGLIA; DISCUSS NERVE GROWTH FACTORS	PY4.1 FUNCTIONAL ANATOMY OF DIGESTIVE SYSTEM	PY5.1 FUNCTIONAL ANATOMY OF HEART INCLUDING CHAMBERS AND CORONARY CIRCULATION	PY6.1 FUNCTIONAL ANATOMY OF RESPIRATORY TRACT AND NON- RESPIRATORY FUNCTIONS OF LUNGS	PY7.1 FUNCTIONAL ANATOMY OF KIDNEY AND NON- EXCRETORY FUNCTIONS OF KIDNEY	PY8.1 FUNCTIONAL ANATOMY OF ENDOCRINE GLANDS, MECHANISM OF HORMONAL ACTION (STEROID AND PEPTIDE) AND HYPOTHALAMIC PITUITARY AXIS (HPA)	PY9.1 SEX DETERMINATION, SEX DIFFERENTIATION AND THEIR ABNORMALITIES AND DISCUSS THE EFFECTS OF REMOVAL OF GONADS ON PHYSIOLOGICAL FUNCTIONS	PY10.1 FUNCTIONAL ORGANIZATION OF CENTRAL NERVOUS SYSTEM (BRAIN AND SPINAL CORD)	PY11.1 PHYSIOLOGY OF SMELL AND ITS APPLIED ASPECTS	PY12.1 PHYSIOLOGICAL MECHANISM OF TEMPERATURE REGULATION
	L	L HI - BI	L HI - AN	L HI - AN	L HI - AN	L HI - AN	L	L HI - AN	L HI - AN	L VI - ENT	
						1					
PY 1.2	# PY 2.2	PY 3.2	# 4.2	PY 5.2 +3.7	PY 6.2	PY 7.2	PY 8.2	PY 9.1	# PY 10.2	# PY 10.15	PY 11.2
PY1.2 PRINCIPLES OF HOMEOSTASIS AND FEEDBACK MECHANISM	PY2.2 ORIGIN, FORMS, VARIATIONS AND FUNCTIONS OF PLASMA PROTEINS AND ITS CLINICAL IMPLICATIONS	PY3.2 TYPES, FUNCTIONS, PROPERTIES OF NERVE FIBERS INCLUDING STRENGTH DURATION CURVE, CHRONAXIE AND RHEOBASE	PY4.2 GASTROINTESTINAL HORMONES (GI) HORMONES, DISCUSS THEIR FUNCTIONS AND REGULATION	PY5.2 PROPERTIES OF CARDIAC MUSCLE INCLUDING ITS MORPHOLOGY, ELECTRICAL, MECHANICAL AND METABOLIC FUNCTIONS	PY6.2 MECHANICS OF NORMAL RESPIRATION, PRESSURE CHANGES DURING VENTILATION , LUNG VOLUME AND CAPACITIES	PY7.2 STRUCTURE AND FUNCTIONS OF JUXTAGLOMERULAR APPARATUS AND ROLE OF RENIN- ANGIOTENSIN SYSTEM	PY8.2 SYNTHESIS, SECRETION, TRANSPORT, PHYSIOLOGICAL ACTIONS, REGULATION AND EFFECT OF ALTERED (HYPO AND HYPER) SECRETION OF PITUITARY GLAND	PY9.2 PUBERTY: ONSET, PROGRESSION, STAGES, EARLY AND DELAYED PUBERTY	PY10.2 FUNCTIONAL ANATOMY OF PERIPHERAL NERVOUS SYSTEM (INCLUDING AUTONOMIC NERVOUS SYSTEM)	PY11.2 PHYSIOLOGY OF TASTE SENSATION AND APPLIED ASPECTS	PY12.2 ADAPTATION TO ALTERED TEMPERATURE (HEAT AND COLD) AND MECHANISM OF FEVER, COLD INJURIES AND HEAT STROKE
L	L HI - BI	L	L HI - BI				L		L HI - AN	L VI - ENT	
						2					
PY 1.3	PY 2.3	* PY 3.3	PY 4.3	PY 5.3	PY 6.2	PY 7.3	PY 8.3	PY 9.2	# PY 10.2	# PY 10.16	PY 11.3
PY1.3 APOPTOSIS (PROGRAMMED CELL DEATH), EXPLAIN ITS MECHANISM OF ACTION AND PHYSIOLOGICAL SIGNIFICANCE.	PY2.3 PHYSIOLOGICAL STRUCTURE, SYNTHESIS, FUNCTIONS AND BREAKDOWN OF HEMOGLOBIN. DISCUSS ITS VARIANTS AND CLINICAL SIGNIFICANCE.	PY3.3 CLASSIFY NERVE INJURY AND DISCUSS THE MECHANISM OF DEGENERATION AND REGENERATION IN PERIPHERAL NERVES	PY4.3 COMPOSITION, MECHANISM OF SECRETION, FUNCTIONS, AND REGULATION OF SALIVA	PY5.3 GENERATION AND CONDUCTION OF CARDIAC IMPULSE ALONG WITH THE CONDUCTION PATHWAY (INCLUDING PACEMAKER POTENTIAL).	PY6.3 ALVEOLAR SURFACE TENSION, COMPLIANCE, AIRWAY RESISTANCE , VENTILATION , V/Q RATIO, DIFFUSION CAPACITY OF LUNGS	PY7.3 MECHANISM OF URINE FORMATION INVOLVING PROCESSES OF FILTRATION (GLOMERULAR FILTRATION), TUBULAR REABSORPTION & SECRETION	PY8.3 SYNTHESIS, SECRETION, TRANSPORT, PHYSIOLOGICAL ACTIONS, REGULATION AND EFFECT OF ALTERED (HYPO AND HYPER) SECRETION OF THYROID GLAND INCLUDING THYROID FUNCTION TESTS	PY9.3 FUNCTIONAL ANATOMY OF MALE REPRODUCTIVE SYSTEM, FUNCTIONS OF TESTIS, SPERMATOGENESIS AND DISCUSS THE FUNCTIONS AND REGULATION S OF TESTOSTERONE HORMONE	PY10.3 CLASSIFY THE NEUROTRANSMITTERS AND DISCUSS THE CHEMICAL TRANSMISSION IN THE NERVOUS SYSTEM	PY11.3 FUNCTIONAL ANATOMY OF EAR AND AUDITORY PATHWAYS, VESTIBULAR APPARATUS AND EQUILIBRIUM	PY12.3 CARDIO- RESPIRATORY AND METABOLIC ADJUSTMENTS DURING EXERCISE (ISOMETRIC AND ISOTONIC), EFFECTS OF PHYSICAL TRAINING UNDER DIFFERENT ENVIRONMENTAL CONDITIONS (HEAT AND COLD)
	L	L							L HI - AN	L VI - ENT	
		* VI - GEN. MEDICINE									practs & Lect
						2					
PY 1.4	*PY 2.4, BI 6.11	*PY 3.3,3.4	# PY 4.2,PY 4.3	PY 5.4	PY 6.2	PY 7.4	8.4	PY 9.3,9.4	# PY 10.2	* PY 10.17	PY 11.4.
PY1.4 TRANSPORT MECHANISMS ACROSS CELL MEMBRANES	PY2.4 ERYTHROPOIESIS & DISCUSS ITS REGULATION IN PHYSIOLOGICAL AND PATHOLOGICAL SITUATIONS	PY3.4 MICROSCOPIC STRUCTURE OF NEUROMUSCULAR JUNCTION (NMJ) AND MECHANISM OF NEUROMUSCULAR TRANSMISSION	PY4.4 COMPOSITION, MECHANISM OF SECRETION, FUNCTIONS, AND REGULATION OF GASTRIC JUICE. DISCUSS VARIOUS GASTRIC FUNCTION TESTS	PY5.4 PHYSIOLOGICAL EVENTS OCCURRING DURING THE CARDIAC CYCLE, CONCURRENT PRESSURE AND VOLUME CHANGES, GENERATION OF HEART SOUNDS AND MURMUR	PY6.4 TRANSPORT OF RESPIRATORY GASES VIZ OXYGEN AND CARBON DIOXIDE ACROSS LUNGS AND WHOLE BODY	PY7.4 MECHANISM OF URINE CONCENTRATION AND DILUTION (COUNTER CURRENT MULTIPLIER & EXCHANGER)	PY8.4 SYNTHESIS, SECRETION, TRANSPORT, PHYSIOLOGICAL ACTIONS, REGULATION AND EFFECT OF ALTERED (HYPO AND HYPER) SECRETION OF ADRENAL GLAND AND ITS FUNCTION TESTS	PY9.4 FUNCTIONAL ANATOMY OF FEMALE REPRODUCTIVE SYSTEM: FUNCTIONS OF OVARY AND ITS HORMONES (ESTROGEN AND PROGESTERONE) ; HORMONAL REGULATION BY HYPOTHALAMIC PITUITARY GONADAL (HPG AXIS)	PY10.4 CLASSIFICATION, FUNCTIONS AND PROPERTIES OF SYNAPSE	PY11.4 PHYSIOLOGY OF HEARING, PATHOPHYSIOLOGY OF DEAFNESS AND HEARING TESTS	PY12.4 PHYSIOLOGICAL CONSEQUENCES OF SEDENTARY LIFESTYLE; METABOLIC AND ENDOCRINAL CONSEQUENCES OF OBESITY & METABOLIC SYNDROME.

	L	L VI - ANAESTHESIA	L HI - BI				L HI - BI	L	L HI - AN	L VI - OPHTHALMOLOGY	
						2					
* PY 1.5	*#PY 2.5,BI 6.11	* PY 3.5,3.6	PY 4.2,PY 4.3	* PY 5.5+5.6	PY 6.2	PY 7.5,1.7	PY 8.5	PY 9.3	# PY 10.3	* PY 10.17	PY 11.5
PY1.5 FLUID COMPARTMENTS OF THE BODY, ITS IONIC COMPOSITION & MEASUREMENT METHODS	PY2.5 ANAEMIAS, POLYCYTHEMIA & JAUNDICE AND DISCUSS ITS PHYSIOLOGICAL PRINCIPLES OF MANAGEMENT	PY3.5 APPLIED ASPECTS OF NEUROMUSCULAR JUNCTION : MYASTHENIA GRAVIS, LAMBERT EATON SYNDROME AND NEUROMUSCULAR BLOCKING AGENTS	PY4.5 COMPOSITION, MECHANISM OF SECRETION, FUNCTIONS, AND REGULATION OF PANCREATIC JUICE INCLUDING VARIOUS PANCREATIC EXOCRINE FUNCTION TESTS	PY5.5 ELECTROCARDIOGRAM (E.C.G), THE CARDIAC AXIS AND ITS APPLICATIONS	PY6.5 CHEMORECEPTORS (PERIPHERAL AND CENTRAL) AND NEURAL CENTRES OF RESPIRATION INCLUDING CHEMICAL AND NEURAL REGULATION OF RESPIRATION	PY7.5 RENAL REGULATION OF FLUID AND ELECTROLYTES & ACID-BASE BALANCE	PY8.5 SYNTHESIS, SECRETION, TRANSPORT, PHYSIOLOGICAL ACTIONS, REGULATION AND EFFECT OF ALTERED (HYPO AND HYPER) SECRETION OF PARATHYROID GLAND WITH EMPHASIS OF PHYSIOLOGY OF BONE AND CALCIUM METABOLISM	PY9.5 MENSTRUAL CYCLE, UTERINE AND OVARIAN CHANGES, HORMONAL REGULATION AND ITS IMPLICATIONS IN REPRODUCTIVE PHYSIOLOGY	PY10.5 CLASSIFICATION, FUNCTIONS AND PROPERTIES OF REFLEX	PY11.5 FUNCTIONAL ANATOMY OF EYE, VISUAL PATHWAY, LIGHT AND PUPILLARY REFLEX AND CLINICAL IMPLICATION OF LESIONS IN VISUAL PATHWAY	PY12.5 PHYSIOLOGY OF INFANCY, INTERPRET CHARTS AND ANTHROPOMETRIC ASSESSMENT OF INFANTS
H- BI L	L HI - BI, VI PATHO			L VI GEN MEDICINE					L HI - AN	L VI - OPHTHALMOLOGY	
						2					
PY1.6.	PY 2.6	# PY 3.7, 5.2	PY 4.2,PY 4.3	# * PY 5.6	PY 6.2	PY 7.6	PY 8.6	PY 9.4	# PY 10.4	* PY 10.18	PY 11.6, 11.9, 11.10
PY1.6 CONCEPT OF PH & BUFFER SYSTEMS IN THE BODY	PY2.6 FORMATION OF WBC (LEUCOPOIESIS), STRUCTURE AND FUNCTION OF VARIOUS WBC TYPES AND THEIR REGULATORY MECHANISMS	PY3.6 DIFFERENT TYPES OF MUSCLE FIBRES, THEIR STRUCTURE AND PHYSIOLOGICAL BASIS OF ACTION POTENTIAL	PY4.6 COMPOSITION, MECHANISM OF SECRETION, FUNCTIONS, AND REGULATION OF INTESTINAL JUICES	PY5.6 PHYSIOLOGICAL VARIATIONS IN ECG WAVEFORMS, ABNORMAL WAVEFORMS AND INTERVALS, ARRHYTHMIAS, HEART BLOCKS AND MYOCARDIAL INFARCTION	PY6.6 PATHOPHYSIOLOGY OF DYSPOEA, HYPOXIA, CYANOSIS, ASPHYXIA, DROWNING, PERIODIC BREATHING AND OXYGEN THERAPY	PY7.6 INNERVATIONS OF URINARY BLADDER, PHYSIOLOGY OF MICTURITION AND ITS ABNORMALITIES	PY8.6 SYNTHESIS, SECRETION, TRANSPORT, PHYSIOLOGICAL ACTIONS, REGULATION AND EFFECT OF ALTERED (HYPO AND HYPER) SECRETION OF PANCREATIC GLAND INCLUDING PANCREATIC FUNCTION TESTS	PY9.6 MALE AND FEMALE CONTRACEPTIVE METHODS, RATIONALE OF ITS PRESCRIPTION, SIDE EFFECTS AND ITS ADVANTAGES & DISADVANTAGES	PY10.6 CLASSIFICATION, FUNCTIONS AND PROPERTIES OF RECEPTORS	PY11.6 PHYSIOLOGY OF IMAGE FORMATION, REFRACTIVE ERRORS AND PHYSIOLOGICAL PRINCIPLES OF ITS MANAGEMENT	PY12.6 PHYSIOLOGY OF AGING, ROLE OF FREE RADICALS AND ANTIOXIDANTS
L	L	HI - AN		L HI - AN, VI - GEN MEDICINE					L HI - AN	L VI - OPHTHALMOLOGY	
						1					
PY1.7.	* PY 2.7	PY 3.8 + 5.2	PY 4.3	PY 5.7	PY 6.2	* PY 7.7		PY 9.5	# PY 10.4	* PY 10.19	PY 11.7
PY1.7 MOLECULAR BASIS OF RESTING MEMBRANE POTENTIAL (RMP) AND GENERATION OF ACTION POTENTIAL IN A NERVE FIBRE	PY2.7 'IMMUNITY' IN TERMS OF ITS TYPES, DEVELOPMENT AND PHYSIOLOGICAL SIGNIFICANCE	PY3.7 PROPERTIES, ACTION POTENTIAL AND MOLECULAR BASIS OF MUSCLE CONTRACTION IN SKELETAL MUSCLE	PY4.7 PHYSIOLOGY OF DIGESTION AND ABSORPTION OF NUTRIENTS	PY5.7 HAEMODYNAMICS OF CIRCULATORY SYSTEM	PY6.7 LUNG FUNCTION TESTS AND THEIR CLINICAL SIGNIFICANCE IN OBSTRUCTIVE AND RESTRICTIVE LUNG DISEASES	PY7.7 CYSTOMETRY AND DISCUSS THE NORMAL CYSTOMETRY OGRAM	PY8.7 PHYSIOLOGY OF THYMUS & PINEAL GLAND	PY9.7 PHYSIOLOGY OF PREGNANCY, PARTURITION & LACTATION	PY10.7 SOMATIC SENSATIONS, ASCENDING TRACTS, (SENSORY TRACTS) AND APPLIED ASPECTS OF SENSORY SYSTEM	PY11.7 PHYSIOLOGY OF VISION INCLUDING COLOUR VISION AND COLOUR BLINDNESS	PY12.7 CONCEPT, CRITERIA FOR DIAGNOSIS OF BRAIN DEATH AND ITS IMPLICATIONS
	L * VI - PATHO	L				L VI - GEN MEDICINE			L HI - AN	L VI - OPHTHALMOLOGY	PRACTS
						2					
	* PY 2.8	PY 3.9,5.2	PY 4.4	PY 5.8	PY 6.3	# PY 7.8		* PY 9.6	# PY 10.5	# PY 10.20	PY 11.8
	PY2.8 FORMATION OF PLATELETS (THROMBOPOIESIS), STRUCTURE, FUNCTIONS AND VARIATIONS	PY3.8 PROPERTIES, ACTION POTENTIAL AND MOLECULAR BASIS OF MUSCLE CONTRACTION IN SMOOTH MUSCLE	PY4.8 GIT MOVEMENTS, ITS REGULATION AND PHYSIOLOGICAL SIGNIFICANCE INCLUDING DEFECATION REFLEX AND THE ROLE OF DIETARY FIBRES	PY5.8 LOCAL AND SYSTEMIC CIRCULATORY REGULATORY MECHANISMS	PY6.8 PHYSIOLOGY OF HIGH ALTITUDE AND ACCLIMATIZATION	PY7.8 RENAL FUNCTION TESTS WITH ITS PHYSIOLOGICAL SIGNIFICANCE AND CLINICAL IMPLICATION OF RENAL CLEARANCE		PY9.8 PHYSIOLOGICAL BASIS OF VARIOUS PREGNANCY TESTS	PY10.8 PHYSIOLOGY OF PAIN INCLUDING PAIN PATHWAYS AND ITS MODULATION WITH SPECIAL EMPHASIS ON GATE CONTROL THEORY OF PAIN		PY12.8 PHYSIOLOGY OF YOGA AND MEDITATION K K H Y SMALL GROUP TEACHING
	L	L				L HI - BI		VI - OBGY	L HI - AN	L VI - OPHTHALMOLOGY VI - ENT	PRACTS,SGT

					3					
	PY 2.9	PY 3.9, 3.10	PY 4.5	P 5.9	PY 6.4	PY 7.9		PY 9.7	# PY 10.5	* PY 10.6, 11.9, 11.10
	PY2.9 HEMOSTASIS, COAGULATION PATHWAYS, MECHANISM OF ACTION OF ANTICOAGULANTS AND BRIEFLY DISCUSS PATHOPHYSIOLOGICAL ASPECTS OF BLEEDING & CLOTTING DISORDERS (E.G. HEMOPHILIA, PURPURA)	PY3.9 MODE OF MUSCLE CONTRACTION (ISOMETRIC AND ISOTONIC), ENERGY SOURCE, MUSCLE METABOLISM AND GRADATION OF MUSCULAR ACTIVITY	PY4.9 STRUCTURE AND SECRETION OF LIVER AND GALLBLADDER WITH ELABORATION OF VARIOUS FUNCTION TESTS	PY5.9 HEART RATE, FACTORS AFFECTING HEART RATE, AND ITS REGULATION	PY6.9 PHYSIOLOGY OF DEEP SEA DIVING AND DECOMPRESSION SICKNESS	PY7.9 ROLE OF ARTIFICIAL KIDNEYS, DIALYSIS AND INDICATIONS OF RENAL TRANSPLANT		PY9.9 HORMONAL CHANGES AND THEIR EFFECTS DURING PERIMENOPAUSE AND MENOPAUSE	PY10.9 COURSE OF DESCENDING TRACTS (PYRAMIDAL AND EXTRA PYRAMIDAL), ITS CLINICAL IMPLICATIONS INCLUDING DIFFERENCE IN UPPER MOTOR NEURON (UMN) AND LOWER MOTOR NEURON (LMN) LESIONS	
						PRACTS			L HI - AN	IV - PAEDIATRICS
										PRACTS
						1				
	PY 2.10	# PY 3.11	PY 4.6	P 5.9	PY 6.5			* PY 9.8	# PY 10.6	PY 11.11
	PY2.10 OF BLOOD GROUPS, CLINICAL IMPORTANCE OF BLOOD GROUPING, BLOOD BANKING AND TRANSFUSION	PY3.10 ENUMERATE AND BRIEFLY DISCUSS MYOPATHIES	PY4.10 GUT-BRAIN AXIS AND ITS PHYSIOLOGICAL SIGNIFICANCE	PY5.10 CARDIAC OUTPUT, FACTORS AFFECTING CARDIAC OUTPUT AND ITS REGULATION	PY6.10 PERFORM SPIROMETRY AND INTERPRET THE FINDINGS (DIGITAL / MANUAL)			PY9.10 COMMON CAUSES OF INFERTILITY IN A COUPLE AND ROLE OF IVF IN MANAGING A CASE OF INFERTILITY	PY10.10 TYPES AND CLINICAL FEATURES OF SPINAL CORD LESIONS (COMPLETE, INCOMPLETE, TRANSECTION AND HEMISECTION - BROWN SEQUARD SYNDROME)	
	L	L HI - BI			PRACTS			VI - OBGY	L HI - AN	
						1				
	* PY 2.11		PY 4.7	P 5.9	PY 6.6			PY 9.9	# PY 10.6	PY 11.12
	ESTIMATE HB, RBC, TLC, RBC INDICES, DLC, BLOOD GROUPS, BT/CT =	PY3.11 PERFORM ERGOGRAHY AND CALCULATE THE WORK DONE BY A SKELETAL MUSCLE	PY4.11 THE APPLIED PHYSIOLOGY OF GIT VIZ. PEPTIC ULCER, GASTROESOPHAGEAL REFLUX DISEASE, VOMITING, DIARRHOEA, CONSTIPATION, ADYNAMIC ILEUS, HIRSCHSPRUNG'S DISEASE	PY5.11 BLOOD PRESSURE, FACTORS AFFECTING BLOOD PRESSURE AND ITS REGULATION	PY6.11 PRINCIPLES AND METHODS OF ARTIFICIAL RESPIRATION				PY10.11 FUNCTIONAL ANATOMY OF CEREBELLUM, ITS CONNECTIONS, FUNCTIONS AND CLINICAL ABNORMALITIES	
	PRACTS	PRACTS	L HI - BI		PRACTS				L HI - AN	
	DOAP VI - PATHO									
						1				
	* PY 2.12	3.14	# PY 4.8	* PY 5.10	PY 6.7			* PY 9.10	# * PY 10.7	PY 11.13
	.ESR, PCV, OSMOTIC FRAGILITY, BLOOD INDICES	PY3.12 OBSERVE WITH COMPUTER ASSISTED LEARNING (I) AMPHIBIAN NERVE-MUSCLE EXPERIMENTS (II) AMPHIBIAN CARDIAC EXPERIMENTS	PY4.12 OBTAIN RELEVANT HISTORY AND CONDUCT CORRECT GENERAL AND CLINICAL EXAMINATION OF THE ABDOMEN IN A NORMAL VOLUNTEER OR SIMULATED ENVIRONMENT	PY5.12 REGIONAL CIRCULATION INCLUDING MICROCIRCULATION, LYMPHATIC CIRCULATION, CEREBRAL, CAPILLARY, SKIN, FOETAL, PULMONARY AND SPLANCHNIC CIRCULATION	PY6.12 OBTAIN RELEVANT HISTORY AND CONDUCT CORRECT GENERAL AND CLINICAL EXAMINATION OF THE RESPIRATORY SYSTEM IN A NORMAL VOLUNTEER OR SIMULATED ENVIRONMENT				PY10.12 FUNCTIONAL ANATOMY OF BASAL GANGLIA, ITS CONNECTIONS, FUNCTIONS AND CLINICAL ABNORMALITIES	
	PRACTS	PRACTS	PRACTS	L HI - GEN MEDICINE	PRACTS			VI - OBGY	L HI - AN, VI - PSCHIATRY	
	DOAP * VI - PATHO									
						1			*	
	* PY 2.13	3.15	* # PY 4.9	PY 5.11	* PY 6.8			* PY 9.11+9.5	* PY 10.7	
	RETICULOCYTE AND PLATELET COUNT			PY5.13 THE PATHO- PHYSIOLOGY OF SHOCK, SYNCOPE HEART FAILURE WITH PHYSIOLOGICAL BASIS OF ITS MANAGEMENT	PY6.13 DEMONSTRATE THE CORRECT TECHNIQUE TO PERFORM MEASUREMENT OF PEAK EXPIRATORY FLOW RATE IN A NORMAL VOLUNTEER OR SIMULATED ENVIRONMENT				PY10.13 MECHANISM OF MAINTENANCE OF TONE, POSTURE AND CONTROL OF BODY MOVEMENTS	

	PRACTS		L HI - BI, VI GEN MEICINE		PRACTS			VI - OBGY	L HI - AN, VI - PSCHIATRY		
	DOAP * VI - PATHO				DOAP VI - RESP MEDICINE						
		PY 3.16	4.1	* PY 5.12	6.9			* PY 9.12 +9.10	* PY 10.7		
				PY5.14 RECORD BLOOD PRESSURE & PULSE AT REST AND IN DIFFERENT GRADES OF EXERCISE AND POSTURES IN A VOLUNTEER OR SIMULATED ENVIRONMENT	RS I, RS II				PY10.14 FUNCTIONAL ANATOMY OF THALAMUS, ITS CONNECTIONS, FUNCTIONS AND CLINICAL ABNORMALITIE S		
		PRACTS	PRACTS	PRACTS	PRACTS			VI - OBGY	L HI - AN, VI - PSCHIATRY		
				DOAP VI GEN MEDICINE							
		PY 3.15		* PY 5.13	PY 6.10			PHYSIOLOGY	* PY 10.7		
				PY5.15 RECORD AND INTERPRET NORMAL ECG IN A VOLUNTEER OR SIMULATED ENVIRONMENT					PY10.15 FUNCTIONAL ANATOMY OF HYPOTHALAMU S AND LIMBIC SYSTEM, ITS CONNECTIONS, FUNCTIONS AND CLINICAL ABNORMALITIE S		
				DOAP HI - GEN MEDICINE				L H-A	L HI - AN, VI - PSCHIATRY		
				PRACTS							
		PY 3.16		PY 5.14					* PY 10.7		
				PY5.16 OBTAIN RELEVANT HISTORY AND CONDUCT GENERAL AND CLINICAL EXAMINATION OF THE CARDIOVASCULAR SYSTEM IN A NORMAL VOLUNTEER OR SIMULATED ENVIRONMENT					PY10.16 FUNCTIONAL ANATOMY OF CEREBRAL CORTEX, ITS CONNECTIONS, FUNCTIONS AND CLINICAL ABNORMALITIE S		
				PRACTS					L HI - AN, VI - PSCHIATRY		
		3.17 +3.10		PY 5.15					* PY 10.8		
									PY10.17 STRUCTURE AND FUNCTIONS OF RETICULAR ACTIVATING SYSTEM, SLEEP PHYSIOLOGY AND EEG WAVEFORMS DURING SLEEP WAKE CYCLE		
									L HI - AN, VI - PSCHIATRY		
		3.18		5.16					* PY 10.9		
				PULSE					PY10.18 PHYSIOLOGICA L BASIS OF MEMORY, LEARNING AND SPEECH AND CLINICAL ALTERATIONS IN SPEECH		
		PRACTS		DOAP VI - GEN MEDICINE					L HI - AN, VI - PSCHIATRY		
				PRACTS							
									* PY 10.10		

							PY10.19 CLINICAL EXAMINATION OF THE NERVOUS SYSTEM: HIGHER FUNCTIONS, SENSORY SYSTEM, MOTOR SYSTEM, REFLEXES IN A NORMAL VOLUNTEER OR SIMULATED ENVIRONMENT		
	CONTINUOUS ASSESSMENT THEORY EXAM								
							PRACTS		
							PY 10.11		
							PY10.20 CLINICAL EXAMINATION OF THE CRANIAL NERVES IN A NORMAL VOLUNTEER OR SIMULATED ENVIRONMENT		
	ope, collection of blood, Neubaur's		PY 2.11 TOTAL WBC COUNT						
							PRACTS		
							* PY 10.12		
	PY 2.12 PCV, ESR, OSMOTIC FRAGILITY		PY 2.13 RETIC COUNT, PLATELET COUNT, BLOOD INDICES						
							PRACTS		
							DOAP , VI - PSCHIATRY		
	PY 2.11 HAEMOGLOBIN ESTIMATIO		PY 2.11 TOTAL RBC COUNT						
	ANTICOAGULANT, BLEEDING AND CLOTTING DISORDERS, CBD (ECE)					PY 2.11 BLOOD GROUP, BT, CT			
	PY 2.11 DIFFERTIAL WBC COUNT 1					PY 2.9 BLOOD BANK VISIT			
	PY 11.13 HISTORY TAKING AND					PY 6.3, 3.8, 5.2 O2 DISSOCIATION CURVE, AP SP			
	PY 6.9 CLINICAL EXAMINATION (					PY 6.8, 6.10 SPIROMETRY, STETHOGRAPHY, PEFR			
	PY 6.9 CLINICAL EXAMINATION (					PY 3.18 AMPHIBIAN CARDIAC GRAPH			
	PY 5.12 EXAMINATION OF PULS								
	PY 5.15 CLINICAL EXAMINATION					PY 3.14 ERGOGRAPHY,			
	PY 5.15, CLINICAL EXAMINATION								
	CASE BASED DISCUSSION RESPIRATORY SYSTEM, RS CALCULATION					PY 6.7 LUNG FUNCTION TESTS			
	PY 5.12 RECORDING OF BLOOD					PY 5.13 ECG 5.6 ABNORMAL EC			
	PY 4.10 CLINICAL EXAMINATION					PY 9.9 SEMEN ANALYSIS			
	PY 4.10 CLINICAL EXAMINATION					CBD DIABETES			
	3.16 HARWARD STEP TEST, 3.15					PY 7.9 CYSTOMETROGRAM, KIDNEY CALCULATION			
	PY 5.14 AUTOMATIC FUNCTION					CBD CVS CALCULATION			
	PY 10.12 REFLEXES					CBD KIDNEY			
	PY 10.11 SENSORY SYSTEM					PY 11.9, 11.10 GROWTH CHARTS, ANTHROPOMETRIC MEASUREMENTS			
	TPR CHART					ENDOCRINE PHOTOGRAPH			

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