

Curriculum/Routine of Phase I Second trimester w.e.f 18-12-2023 to 12-03-2024 for the batch 2023

DAY	Date	8am-9am	9am-10am	10am-11am	11am-12noon	12noon-1pm	1 pm-2 pm	2 pm-3pm	3 pm-4 pm	4 pm-5 pm
1	6:30am – 07:30am	8am-9am BI 1.5 Describe the structure and function of the respiratory system Explain the regulation of ventilation Explain the regulation of blood flow Explain the regulation of blood pressure Explain the regulation of blood glucose Explain the regulation of blood pH Explain the regulation of blood electrolyte balance Explain the regulation of blood temperature Explain the regulation of blood osmolarity Explain the regulation of blood volume Explain the regulation of blood pH Explain the regulation of blood electrolyte balance Explain the regulation of blood temperature Explain the regulation of blood osmolarity Explain the regulation of blood volume	9am-10am PY6, 8D Describe the structure and function of the respiratory system Explain the regulation of ventilation Explain the regulation of blood flow Explain the regulation of blood pressure Explain the regulation of blood glucose Explain the regulation of blood pH Explain the regulation of blood electrolyte balance Explain the regulation of blood temperature Explain the regulation of blood osmolarity Explain the regulation of blood volume Explain the regulation of blood pH Explain the regulation of blood electrolyte balance Explain the regulation of blood temperature Explain the regulation of blood osmolarity Explain the regulation of blood volume	10am-11am AN22.1.22 Throat dissection/PRACTICAL/aligned with PY5.1)	11am-12noon AN22.1.22 Throat dissection/PRACTICAL/aligned with PY5.1)	12noon-1pm LUNCH	1 pm-2 pm AN22.2.25.6 Development of CVS: part (lecture)/aligned with PY5.1)	2 pm-3pm PY11.13 Clinical Physiology: Outpatient/General examination PY12.2.24.4 Biochemistry: Quality Control (SCT)	3 pm-4 pm PY11.13 Clinical Physiology: Outpatient/General examination PY12.2.24.4 Biochemistry: Quality Control (SCT)	4 pm-5 pm
2		PY5.2 Describe the properties of cardiac muscle including human physiology Explain the electrical, mechanical and endocrine function of the heart Explain the regulation of heart rate Explain the regulation of stroke volume Explain the regulation of cardiac output Explain the regulation of heart rate Explain the regulation of stroke volume Explain the regulation of cardiac output	AN 75.5 Genetic counselling (lecture)	AN22.3.16 Heart and accessory humors/potential SOT	AN22.3.16 Heart and accessory humors/potential SOT	LUNCH	AN22.3.16 Heart and accessory humors/potential SOT	Clinical Physiology: PY6.9 Examination of Respiratory system/aligned with AN22.3.16 Biochemistry: Quality Control (SCT)		
3		AN22.1.22 Throat dissection/PRACTICAL/aligned with PY5.1)	PY 5.3 Discuss the anatomical and physiological aspects of the respiratory system Explain the regulation of ventilation Explain the regulation of blood flow Explain the regulation of blood pressure Explain the regulation of blood glucose Explain the regulation of blood pH Explain the regulation of blood electrolyte balance Explain the regulation of blood temperature Explain the regulation of blood osmolarity Explain the regulation of blood volume Explain the regulation of blood pH Explain the regulation of blood electrolyte balance Explain the regulation of blood temperature Explain the regulation of blood osmolarity Explain the regulation of blood volume	AN22.1.22 Throat dissection/PRACTICAL/aligned with PY5.1)	AN22.1.22 Throat dissection/PRACTICAL/aligned with PY5.1)	LUNCH	AN22.1.22 Throat dissection/PRACTICAL/aligned with PY5.1)	Clinical Physiology: PY6.9 Examination of Respiratory system/aligned with AN22.3.16 Biochemistry: Quality Control (SCT)		
4		CM 1.1 Describe the health hazards of noise and radiation pollution and their control with MEDICINE	SAP CM 1.1.3	SAP CM 1.1.3	LUNCH	LUNCH	Clinical Physiology: PY6.9 Examination of Respiratory system/aligned with AN22.3.16 Biochemistry: Quality Control (SCT)	SPORTS		


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Curriculum/Routine of Phase I Second trimester w.e.f 18-12-2023 to 12-03-2024 for the batch 2023

DAY	Date	8am-9am	9am-10am	10am-11am	11am-12noon	12noon-1pm	1 pm-2 pm	2 pm-3pm	3 pm-4 pm	4 pm-5 pm
5		AN22.2.22.18 Introduction to the study of the human body (Anatomy and Physiology) (aligned with AN22.2.22.18)	AN22.2.22.18 Introduction to the study of the human body (Anatomy and Physiology) (aligned with AN22.2.22.18)	AN22.2.22.18 Introduction to the study of the human body (Anatomy and Physiology) (aligned with AN22.2.22.18)	AN22.2.22.18 Introduction to the study of the human body (Anatomy and Physiology) (aligned with AN22.2.22.18)	LUNCH	AN22.2.22.18 Introduction to the study of the human body (Anatomy and Physiology) (aligned with AN22.2.22.18)	AN22.2.22.18 Introduction to the study of the human body (Anatomy and Physiology) (aligned with AN22.2.22.18)	AN22.2.22.18 Introduction to the study of the human body (Anatomy and Physiology) (aligned with AN22.2.22.18)	AN22.2.22.18 Introduction to the study of the human body (Anatomy and Physiology) (aligned with AN22.2.22.18)
6		AN22.2.22.18 Introduction to the study of the human body (Anatomy and Physiology) (aligned with AN22.2.22.18)	AN22.2.22.18 Introduction to the study of the human body (Anatomy and Physiology) (aligned with AN22.2.22.18)	AN22.2.22.18 Introduction to the study of the human body (Anatomy and Physiology) (aligned with AN22.2.22.18)	AN22.2.22.18 Introduction to the study of the human body (Anatomy and Physiology) (aligned with AN22.2.22.18)	LUNCH	AN22.2.22.18 Introduction to the study of the human body (Anatomy and Physiology) (aligned with AN22.2.22.18)	AN22.2.22.18 Introduction to the study of the human body (Anatomy and Physiology) (aligned with AN22.2.22.18)	AN22.2.22.18 Introduction to the study of the human body (Anatomy and Physiology) (aligned with AN22.2.22.18)	AN22.2.22.18 Introduction to the study of the human body (Anatomy and Physiology) (aligned with AN22.2.22.18)
7		AN22.2.22.18 Introduction to the study of the human body (Anatomy and Physiology) (aligned with AN22.2.22.18)	AN22.2.22.18 Introduction to the study of the human body (Anatomy and Physiology) (aligned with AN22.2.22.18)	AN22.2.22.18 Introduction to the study of the human body (Anatomy and Physiology) (aligned with AN22.2.22.18)	AN22.2.22.18 Introduction to the study of the human body (Anatomy and Physiology) (aligned with AN22.2.22.18)	LUNCH	AN22.2.22.18 Introduction to the study of the human body (Anatomy and Physiology) (aligned with AN22.2.22.18)	AN22.2.22.18 Introduction to the study of the human body (Anatomy and Physiology) (aligned with AN22.2.22.18)	AN22.2.22.18 Introduction to the study of the human body (Anatomy and Physiology) (aligned with AN22.2.22.18)	AN22.2.22.18 Introduction to the study of the human body (Anatomy and Physiology) (aligned with AN22.2.22.18)


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DAY	Date	8am-9am	9am-10am	10am-11am	11am-12noon	12noon-1pm	1 pm-2 pm	2 pm-3pm	3 pm-4 pm	4 pm-5 pm
8		AN 1.5 Subacute cardiomyopathy	PY 5.6 Describe the normal ECG. Carry them: heart beats and myocardial infarction (Aligned with AN 22.2, 22.4) And vertical integration with General Medicine)	AN 1.5 (1.5) Review of the heart and its diseases Diseases of the heart		LUNCH	BL 1.4 Explain the normal heart rate associated with physical activity (Review the normal heart rate associated with physical activity aligned with AN 22.2, 22.4) And vertical integration with General Medicine)	PY 5.6 AND 6.10 Explain the normal heart rate associated with physical activity AN 1.4 (1.4) Review of the heart and its diseases BL 1.3 Explain the normal heart rate associated with physical activity		
9		COM MED AN 2.4 Describe social psychology, community behaviour and community relationship and their impact on health and disease (AN 2.5) Describe poverty and social security measures and its relationship to health and disease		ECC Physiology Shock		LUNCH	PY 6.1 AND 6.10 Clinical physiology Spectrometry AN 1.4 (1.4) Review of the heart and its diseases BL 1.3	Explain the normal heart rate associated with physical activity AN 1.4 (1.4) Review of the heart and its diseases BL 1.3	Sports	
10		AN 1.5 Subacute cardiomyopathy	PY 5.7 Describe and discuss thermodynamics of circulatory system	AN 1.5 (1.5) Review of the heart and its diseases Diseases of the heart		LUNCH	AN 1.5 (1.5) Review of the heart and its diseases BL 1.3	PY 5.13 Clinical physiology Spectrometry (Aligned with AN 22.2, 22.4) AN 1.4 (1.4) Review of the heart and its diseases BL 1.3 Explain the normal heart rate associated with physical activity		
11		PY 5.8 Describe the normal heart rate, rate of circulation, blood pressure (Aligned with AN 22.2, 22.4)	AN 1.5 (1.5) Review of the heart and its diseases Diseases of the heart	ALICOM 1.1 BIOCHEMISTRY		LUNCH	Physiology Tutorial S.S Describe the physiology of the cardiovascular system	PY 5.13 Clinical physiology Spectrometry (Aligned with AN 22.2, 22.4) AN 1.4 (1.4) Review of the heart and its diseases BL 1.3 Explain the normal heart rate associated with physical activity		

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			Factors, family (types), its role in health and disease & demonstrate in a simulated environment the correct assessment of socio-economic status			
			ECTBiochemistry (Identi)phosphatidylg			
			LUNCH			
			Of pulse AN14,1fermigerB156T B11.14 Estimation of serum ALP(Practical)			
			skillsFCS.5 Demonstrability foraccessing online resources			


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16								
			AN13.1,16.1,16.4,18.2,20.5 Venous thromboembolism Hypertension (systemic/venous) Myocardial infarction with surgery	PVS.9 Describe the factors affecting heart rate/regulation of cardiac output, blood pressure (Aligned with AN22.2-22.6)	AN18.4,18.5,18.6 Barium swallow Barium enema Colonoscopy (ACT/AT)	LUNCH	AN70.2 Histology of Spleen (Practical) BI11.1.2 Estimation of serum bilirubin (Practical) Clinical physiology PVS.12 Recording of blood pressure	


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DAY	Date	Session of Day	8am-9am	9am-10am	10am-11am	11am-12noon	12noon-1pm	1 pm-2 pm	2 pm-3pm	3 pm-4 pm	4 pm-5 pm
17			PY 5.9 Describe the factors affecting heart rate, regulation of cardiac output - blood pressure (Aliqued with AN2.2-22.6)	AN16.6 Population selection	COMPUTER/LANGUAGE		LUNCH	SOL Physiology PY5.10 Microcirculation	Clinical physiology PY5.12 Recording of Blood pressure AN70.2 Histology of Spleen (Practical) BIL1.12 Estimation of serum bilirubin (Practical)		
18			RE5.8 Describe common diseases associated with protein metabolism (Discuss metabolism of individual Amino acids, TYROSINE, ALANINE, TRYPTOPHAN)	PY4.1 Describe the structure and function of digestive system (Aligned with AN4.1)	AN18.1.18 Absorption of nutrients (PRACTICAL)	LUNCH		AN19.1.18 Absorption of nutrients (Practical)	Clinical physiology PY5.12 Recording of Blood pressure AN70.2 Histology of Spleen (Practical) BIL1.12 Estimation of serum bilirubin (Practical)		
19			SOL PY 5.10 Describe and discuss coronary circulation	AN18.4.18.1 Name (part) (Structure) (Vessels) (Vessels) (Vessels) (Vessels)	AN20.7.12 Structure and function of liver (PRACTICAL)	RE5.6 Describe common disorders associated with protein metabolism (Discuss metabolism of individual Amino acids, TRYPTOPHAN, HISTIDINE, PROLINE)	LUNCH	RE5.9 Describe common disorders associated with protein metabolism (Discuss metabolism of individual Amino acids, TRYPTOPHAN, HISTIDINE, PROLINE)	Clinical physiology PY5.12 Recording of Blood pressure AN14.1,14.2,14.3 TITRIMETRIC BIL1.12 Estimation of serum bilirubin (Practical)		

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20			AN22.4.12.2 Review (Self-part II) (Lecture II) Vertical SGT Physiology/PV 5.6 Discuss ECG changes in myocardial infarction (Aligned with AN22.2-22.6) AN22.5 (Viva dissection/Practical)	LUNCH	BL 5.3 Interpret laboratory results in clinical practice associated with metabolic/renal peripheral respiratory endocrine disorders, IFT, ELECTROPHORESIS, CHROMATOGRAPHY (Lecture IV) PNEUMONICS	Clinical physiology/PVS-12 Recording of Blood pressure AN14.1,14.2,14.3TB1a(5GT) BI11.12 Estimation of serum bilirubin (Practical)	
21		COMMED CML-9 Demonstrate the role of effective Communication skills in health in a simulated environment	ECG Laboratory (Vertical with Practical setting)	LUNCH	PRACTICAL REVISION	SPORT 5	


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Curriculum/Routine of Phase I Second trimester w.e.f 18-12-2023 to 12-03-2024 for the batch 2023

DAY	Date	8am-9 am	9am-10am	10am - 11am	11am-12noon	12noon- 1 pm	1pm-2 pm	2pm-3pm	3pm-4 pm	4pm-5 pm
22		AN 15-13.5 (Digestion) (Lecture)	PY 4.2 Describe the composition, mechanism of secretion and regulation of Saliva, gastric, pancreatic, intestinal juices	AN 18.35 (acid secretion) (PAC, PTC, PC)		LUNCH	AN 20.3 (Heart block and associated measurement) (SISGT)	PRACTICAL REVISION		
23		PY 4.2 Describe the composition, mechanism of secretion and regulation of Saliva, gastric, pancreatic, intestinal juices	AN 15.1-16.7, 16.5, 16.5.2 (Secretion) (with exercise)	FCQ 1.12 Demonstrate the understanding of the process of group/organ/gang/diaphragm dynamics	LUNCH	SDL Physiology PYS.11 (Heart Block) and (Cardiovascular reflexes)		PRACTICAL REVISION		
24		AN 13 Explanatory regulation of lipoproteins, metabolism, associated enzymes (Lactate Classification, METOP, IMPROVING, PECTURE, PIGEN, INSTRUCTIVE)	PY 4.8 Describe & discuss gastric function tests, pancreatic exocrine function tests & liver function tests	AN 18.1-18.35 (acid secretion) (PAC, PTC, PC) eg- Dashed line (PAC, PTC, PC)	LUNCH	AN 18.1-18.35 (acid secretion) (PAC, PTC, PC) eg- Dashed line (PAC, PTC, PC)		Clinical physiology PYS.13 (ECG A N 70.2 Histology of Thyroid (Practical) all B11.1.12 Estimation of serum bilirubin (Practical)		
25		PY 4.7 Describe and discuss the structure and functions of liver and Gall bladder (Aligned with AN 47.5) PY 4.2 Describe the composition, mechanism of secretion	AN 20.3 Dermatome of skin (with exercise)	AN 20.3 Dermatome of skin (with exercise)		LUNCH	BI 4.4 Describe the structure and functions of adipose tissue, internal albumin, keratin, and other derivatives (CTUNE) vs. GERMATOME	Clinical physiology PYS.14 Cardiovascular autonomic function test AN 14.1, 14.2, 14.3 (Bulb) (SGT) B11.16 Protein electrophoresis (SGT)		

Curriculum/Routine of Phase I Second trimester w.e.f 18-12-2023 to 12-03-2024 for the batch 2023

			functions and regulation of bile					
26			COMMED CM 3.2 Describe concepts of safe and wholesome water, sanitary sources of water, water purification processes, water quality standards, concepts of water conservation and rainwater harvesting	ECPhysiology (Acute Myocardial Infarction)(Classroom setting)	LUNCH	Clinical Physiology PYS.14 Cardiovascular autonomic function SE AN14.1,14.2,14.3,14.4,14.5,14.6 B11.1,16 Protein Electrophoresis (SGT)	SPORTS	


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DAY	Date	8am-9 am	9am-10am	10am - 11am	11am-12noon	12noon-1 pm	1pm-2 pm	2pm-3pm	3pm-4 pm	4pm-5 pm
27		AN44.1 Interoception (referred to as AN 47.5) Aligned with PY3	PY 4.3-Describe GIT movements, reg- ulation and function, describe defecation reflex (Aligned with AN 47.5)	AN44.1 Interoception (referred to as AN 47.5) Aligned with PY 4.3 & 4.2		LUNCH	AN 44.1 Pain sensation referred to as AN 50.1	Clinical Physiology PY 1.0 Examination of abdomen (Aligned with AN 43.2) AN43.2 Histology of salivary gland (Practical) Aligned with PY 4.1, 4.2 B11.16 Preclinical Electrophysiology (SGT)		
28		PY 4.3- Describe GIT movement, reg- ulation and function, describe defecation reflex (Aligned with AN 47.5)	AN43.2 Histology of salivary gland (Practical) (Aligned with PY 4.3)	AETCOM (1,2) PHYSIOLOGY		LUNCH	Physiology SDU PY 4.6 (GUT & related)	Clinical Physiology PY 1.0 Examination of abdomen (Aligned with AN 43.2) AN43.2 Histology of salivary gland (Practical) Aligned with PY 4.1, 4.2 B11.17 Barhamdrottaleof testis done in De derma (SGT)		Sports
29		BL4.5 Interoception superior results of analyses associated with the activation of lipid (DESCRIBE) FATTY LIVER CAUSES, LIPOTROPHIC FACTORS, LIPOTROPHIC FACTORS, LIPOTROPHIC FACTORS, LIPOTROPHIC FACTORS	Physiology SDU PY 4.3 Describe & discuss the pathoph- ysiology and treatment of propranolol (Align with AN 47.5)	AN44.1 Interoception (referred to as AN 47.5) Aligned with PY 4.3 & 4.2		LUNCH	AN44.1 Interoception (referred to as AN 47.5) Aligned with PY 4.3 & 4.2	Clinical Physiology PY 1.0 Examination of abdomen (Aligned with AN 43.2) AN43.2 Histology of salivary gland (Practical) Aligned with PY 4.1, 4.2 B11.17 Barhamdrottaleof testis done in De derma (SGT)		Sports
30		PY 7.1 Describe structure and functions of lipid metabolism	AN47.13, 47.24 Health and lifestyle factors	AN44.1 Interoception (referred to as AN 47.5) Aligned with PY 4.3 & 4.2	BL4.6 Describe the therapeutic use of prostaglandin synthase inhibitors (NSAIDs) in (STRUCTURE) VITAMINECHINE	LUNCH	BL4.7 Describe and interpret laboratory results of analgesics associated with metabolism (aligned with VITAMINECHINE)	PY 3.18 Computer assisted learning in amphibian nerve muscle and cardiac experiment (Study of instruments) AN53.1 Lumbar Vertebrae (SGT) B11.17 Barhamdrottaleof testis done in De derma (SGT)		Sports

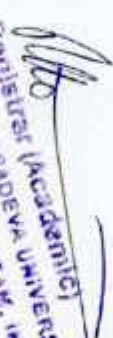
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UNIT 3: CELL SCIENCE
CELL SCIENCE

Curriculum/Routine of Phase I Second trimester w.e.f 18-12-2023 to 12-03-2024 for the batch 2023

DAY	Date	8am-9 am	9am-10am	10am - 11am	11am-12noon	12noon-1 pm	1pm-2 pm	2pm-3pm	3pm-4 pm	4pm-5 pm
31		ANALYST AS A Ingenious innovative Vertical integration with every	py 7.1 Describe structure and functions of kore py 7.2 Describe the structure and functions of sustaglomerular apparetus and role of renin/angioten sin system	ANALYST AS A Ingenious innovative Vertical integration with every		LUNCH	PA	py 3.18 Computer assisted learning in amphibian nerve muscle and cardiac experiment (Study of instrumen ts) (ANS3.11 Lumbal Vertebral SGT) B11.17 Basic and rational tests done in Myocardiu infarction (SGT)		
32		COMMED CM 3.4 Describe the concept of solid waste, human excreta and sewage disposal	ECE Electrotherapy (ATHEROSCLEROSIS & ITS COMPLICATIONS)			LUNCH	py 3.18 Computer assisted learning in amphibian nerve muscle and cardiac experiment (Study of instrumen ts) (ANS3.11 Lumbal Vertebral SGT) B11.17 Basic and rational tests done in Myocardial infarction (SGT)		ECA	
33		ANALYST AS A Ingenious innovative Vertical integration with every	py 7.3 Describe the mechanism of urine formation involving processes of filtration tubular reabsorption and secretion concentration and diluting mechanism (Aligne d with AN 47.5)	ANALYST AS A Ingenious innovative Vertical integration with every		LUNCH	ANALYST AS A Ingenious innovative Vertical integration with every	py 3.18 Computer assisted learning in amphibian nerve muscle and cardiac experiment (Recording of SM Cand Hecto temperature) ANALYST AS A Ingenious innovative Vertical integration with every		

Curriculum/Routine of Phase I Second trimester w.e.f 18-12-2023 to 12-03-2024 for the batch 2023

34			py 7.3 Describe the mechanism of urine formation involving processes of filtration tubular reabsorption and secretion concentration and diluting mechanism (align with AN 4.2.5)	Need, function (muscle tone)	AETCOM (1.2) PHYSIOLOGY	LUNCH	Formative assessment IT/CVS	py 3.1.8 Computer assisted learning: In amphibian nerve muscle and cardio experiment (Recording of SMC and of temperature) AM 4.2 Histology of Tongue (Practical) Bill 1.16 Paper chromatography of Amino Acids (5 GT)	
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35			Effect Discuss the metabolic processes that take place in specific organs in the body in the fed and fasted state Lecture/Video/MDH/INT	PV7.9 Describe cystometry and discuss the normal cystometrogram	AN06.1 Mastication (Cardiac dissection)(Practical)	LUNCH	AN07.5 Development of the digestive tract (class)	PV3.10 Computer assisted learning in amphibian nerve muscle and cardiac experiment (Record of ISM) Can be AN03.2 Histology of Tongue (Practical) BI11.16 Paper chromatography of Amino acids (SGT)	
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36	6:10am-07:30am	py 7.3 Describe the mechanism of urine formation involving processes of tubular reabsorption and secretion, concentration and diluting mechanism	AN54.1-49.3 Middle extreme (lecture)	AN51.1-13.3 Assumed salt	Dr-6.2 Describe and discuss (metabolic, processes involves nucleotides, amino acids, (COFF) MULTICLONAL, AMUCLEOTIDE, STRUCTURE, FUNCTION, BIOSYNTHESIS, NUTRITION, REGULATION (lecture)	LUNCH	dr-6.2 Degradation of purine nucleotides (lecture)	py 3.18 Computer assisted learning in amphibian nerve muscle and cardiac experiment (Effect of load, Effect of two successive stimulant tetanus) AN53.2.53.3Pwls (SGT)		
		AN57.1-47.3 Peristalsis (lecture)	py 7.3 Regulation of RFR	AN57.1-47.3 Peristalsis (lecture)		LUNCH	Dr-6.3 Describe the common disorders associated with conduction system (PACING, PULSED, ISOTHERM, AMPLIFIERS) HYPERTROPHY	py 3.18 Computer assisted learning in amphibian nerve muscle and cardiac experiment (Effect of load, Effect of two successive stimulant tetanus) AN53.2.53.3Pwls (SGT) BI11.16 Electrolyte analysis by (SE) (SGT)		
		COMMED CM 3.5 Describe the standards of housing and the effect of housing on health		EEG Recording		LUNCH	py 3.18 Computer assisted learning in	SPORTS		
36				Highly sensitive (Colony) setting		LUNCH	amphibian nerve muscle and cardiac experiment (Effect of load, Effect of two successive stimulant tetanus) AN53.2.53.3Pwls (SGT)			

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40			PY1.7 :Describe the concept of pH & Buffer systems in the body	AN Development of the organ Tissues Alignment PY4.1-4.7	SEA	AETCOM (1.3) PHYSIOLOGY	LUNCH	SDL Physiology PY8.2 Fetal Circulation	PY3.18 Computer assisted learning in amphibian nerve muscle and cardiac experiment (Study of fatigue and development of nerve impulse) AN43 Zebrafish (Zyate scophagus) (Practical) Aligned with PY4.1-4.4 B11.1.6 T1C.PAGE(SGT)	
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Dr. Sushanta Kumar Dasgupta
SUSHANTA KUMAR DASGUPTA
THE INSTITUTE OF CHEMICAL SCIENCES, KOLKATA

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44			COMMED CM 3.7 Identify and describe the identifying features and life cycles of vectors of Public Health importance and their control measures	INTEGRATED ECC Physiology / BIOCHEMISTRY MYOCARDIAL INFARCTION	LUNCH	PV3.18 Computer assisted learning; amphibian nerve muscle and cardiac experiment (Recording of cardiac manderectofortemperature and drug action it)	Sports	
45		AN47.5 (Slight) Lecture) aligned with PY4.7	PV 7.7 Describe renal kidney, dialysis, and renal transplantation/ Aligned with AN47.5, S2.2 Vertical integration with general medicine	AN47.5 (Slight) Lecture) aligned with PY4.7	LUNCH	PV47.5 (Slight) Lecture) aligned with PY4.7	PV3.18 Computer assisted learning in amphibian nerve muscle and cardiac experiment (Study of extra systole, compensatory pause, refractory period, stimulation and stimulation of vagus)	


 HEAD OF DEPARTMENT
 SUBHANTA BANIKADIVA UNIVERSITY
 OF HEALTH SCIENCES, AGRA, INDIA

Curriculum/Routine of Phase I Second trimester w.e.f 18-12-2023 to 12-03-2024 for the batch 2023

DAY	Date	8am-9 am	9am-10am	10am - 11am	11am-12noon	12noon--1 pm	1pm- 2 pm	2pm-3pm	3pm-4 pm	4pm-5 pm
46	6-10am-07-30am	Formative assessmentRenal system	AN47.5,47.6,47.7 Endothelial dysfunction	AETCOM (1.3) PHYSIOLOGY		LUNCH	SDL Physiology PY7.2 [Endocrine functions of Kidney]	PY3.18 Computer assisted learning in amphibian nerve muscle and cardiac experiment (Study of extrastyle, compensatory pause, refractory period, stannous ligature and stimulation of vagus)		
							AN52.1 Histology of Stomach (Practical) BI 11.17 Basal and/or rationale of Testosterone in Drosophila (a) (SGT)			
47		BI 9.1 List the functions of motoneurons on the extracellular matrix (ECM), GATCOPROF EEM, PROTEOLYTIC (active)	PY10.1 Described various the organization of nervous system	AN47.5 Smooth muscle dissection (Practical)		LUNCH	MISSED CL ASS/ FORMATIVE ASSESSMENT	PY 3.18 Computer assisted learning in amphibian nerve muscle and cardiac experiment (Study of extrastyle, compensatory pause, refractory period, stannous ligature and stimulation of vagus) AN52.1 Histology of Stomach (Practical) a) BI 11.17 Basal and/or rationale of Testosterone in Drosophila (a) (SGT)		
48		PY10.2 Describe and discuss the functions and properties of receptors, synapse reflex	AN47.6 Absorption and transport of water and electrolytes in the intestine	AN47.7 Smooth muscle (SDL)	BI 9.1 List the functions and components of the extracellular matrix (ECM) (DESCRIBE VARIOUS TYPE OF GAGS, ITS BIOLOGICAL FUNCTION, DIFFERENCE IN PROTOGLYCANS AND GAG (active))	LUNCH	BI 10.1 Describe the structure and function of collagen	PY 3.18 Computer assisted learning in amphibian nerve muscle and cardiac experiment (Study of extrastyle, compensatory pause, refractory period, stannous ligature and stimulation of vagus) AN47.5 Microenteric (SGT) BI 11.17 Basal and/or rationale of Testosterone in Drosophila (a) (SGT)		

Curriculum/Routine of Phase I Second trimester w.e.f 18-12-2023 to 12-03-2024 for the batch 2023

49			AN42.6 Development of afferent pathways (reflex et)	PY10.2 Describe and discuss the function and properties of receptors, synapse	AN47.5 Smallpox virus detection (Practical)	LUNCH	BI-3.2 Discuss the involvement of ECM components in health and disease (Discuss THE COMPOSITION OF CMB, CONCENTRATION OF SYLACTIN OZONE EFFECTIVE) VIGENETES	PY 3.18 Computer assisted learning in amphibian nerve muscle and cardiac experiment (Study of extrasystole, compensatory pause, refractory period, standstill, fatigue and stimulation of agus) AN47.5 Mesenteric SGT BI11.11 Examination of phosphorus (Practical)	
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Curriculum/Routine of Phase I Second trimester w.e.f 18-12-2023 to 12-03-2024 for the batch 2023

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50	6-10am-07:30am	COMMED CM 3.8 Describe the mode of action, application cycle of commonly used insecticides and rodenticide	EEG Altered activity (Pattern errors of initiation and metabolism) Class room setting			LUNCH	PY 3.18 Computer assisted learning triangular nerve muscle and cardiac experiment (Study of extrasystole, compensatory pause, refractory period, stimulus duration and stimulation ofagus) AN47 SMC sensory (SGT) BI11.11 Estimation of Phosphorus (Practical)	PY 3.14 Performance graph AN52.1 Histology of small intestine (Practical) BI11.11 Estimation of Phosphorus (Practical)	SPORTS	
51		AN47 Stomach Microbiology (Lecture)	PY10.2 Describe and discuss the function and properties of receptors, synapse and reflex	AN47 Stomach Microbiology (Lecture)		LUNCH	AN52.8 Microbiology (Lecture)			
52		PY10.1 Describe and discuss the function and properties of receptors, synapse and reflex	AN47 Stomach Microbiology (Lecture)	AETCOM L1. ANATOMY		LUNCH	SDL Physiology PY7.3 (Diuretics)	PY3.14 Performance graph AN52.1 Histology of small intestine (Practical) BI11.11 Discussion and interpretation of ABG analysis (SGT)		
53		BI 9.2 Discuss the development of the heart and its components AN47 Stomach Microbiology (Lecture)	PY10.3 Describe and discuss the function and properties of receptors, synapse and reflex	AN47 Stomach Microbiology (Practical)		LUNCH	AN47 Stomach Microbiology (Practical)	PY3.14 Performance graph AN52.1 Histology of small intestine (Practical) BI11.11 Discussion and interpretation of ABG analysis (SGT)		


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55		AN 47.5 Respiratory system (Assigned worksheet 7)	PY10.3 Describe and discuss normal sensation and sensory tract	AN47.5 Practical dissection (Practical assigned worksheet 1-7)	LUNCH	Describe the connections that subcortical systems when they demonstrate a cycle of TCACycle. PUNITIONS OF VARIOUS SCAPOLY UNATEL FASCIC PATINAVAND ASSOCIATED DISORDER LECTURE HYPOTHESE	RE 3.7 SEX Describe the connections that subcortical systems when they demonstrate a cycle of TCACycle. PUNITIONS OF VARIOUS SCAPOLY UNATEL FASCIC PATINAVAND ASSOCIATED DISORDER LECTURE HYPOTHESE	PY3.14 Performance graphy AN52.1 Histology of Pancreas (Practical) B11.17 Explain the basis and rationale of biochemical tests done in gout		
56		COMMED CM 3.5 Describe the role of vectors in the causation of diseases. Also discuss National Vector Borne disease Control Program		ECX Revision Country visit (Classroom setting)	LUNCH	PY3.14 Performance graphy AN52.1 Histology of Pancreas			Sports	
57		AN47.5, AN 47.6 Respiratory system (Assigned worksheet 7 & 7.5)	PY10.4 Describe and discuss sensory tract	AN47.5 Practical dissection (Practical)	LUNCH	AN47.10 Nutrition AN52.1 Histology of Pancreas	PY Formative Assessment AN52.1 Histology of large intestine, Vermiform Appendix (Practical) B11.17 Explain the basis and rationale of biochemical tests done in gout			

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Regional Academic of
Rajabhat Sakon Nakhon University
Sriyanta Sakon Nakhon, Sakon Nakhon, Thailand

Curriculum/Routine of Phase I Second trimester w.e.f 18-12-2023 to 12-03-2024 for the batch 2023

59		YOGA	BI 1.7.304 Describe the mechanism of postprandial inhibition of carbohydrate absorption - alcohol - fructose - enzyme (INHIBITORS OF TGACTIC INHIBITORS) - VARIATION IN CARBOHYDRATE METABOLISM - ALTERNATIVE - AND ASSOCIATED IN SODIUM EFFECTIVE IN	PY10.5 Discuss Autonomic Nervous System	AN27 Sedative, dissociative/analgesic used with ET 3, 12.2	LUNCH	AN27 5.47.6 Spermatogenesis	Formative Assessment AN52.1 Histology of large intestine, Vermiform Appendix (Practical) BI 11.17 Explain the basis and rationale of testosterone in Nephrotic Syndrome (SGIT) bi 11.17	
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60	6-30am-07:30am	YOGA	PY10.6 Describe and discuss spinal cord functions, lesion and sensory disturbances	AN47.5 Sleep (normal and disorders)	AN47.6 ANATOMY	BIOCHEMISTRY FA	LUNCH	BI 4.4 Lipoproteins and its relationship with the cardiovascular system (SGT)	PY10.11 Demonstrate the correct clinical examination of nervous system AN52.2 Histology of Kidney (Practical) Align with PY7.1-7.3 BI11.17	Explain the basis and rationale of tests done in: Nephrotic syndrome (SGT) (Aligned with PY 7.8, AN47.5, 52.2)
61		YOGA	AN52.7 (Presenting signs) Urinary system- (structure and function) with PY7.1-7.3	PY10.6 Describe and discuss spinal cord functions, lesion and sensory disturbances	AN47.5 Sleep (normal and disorders)	AN47.6 ANATOMY	BIOCHEMISTRY FA	LUNCH	BI 4.4 Lipoproteins and its relationship with the cardiovascular system (SGT)	PY10.11 Demonstrate the correct clinical examination of nervous system AN52.2 Histology of Kidney (Practical) Align with PY7.1-7.3 with AN47.5, 52.2
62		YOGA	CM CM3.7 Identify and describe the identifying features of renal cycles of office and health importance and their control measures (SOL)	ECE Physiology Hemiplegia	LUNCH	PY10.11 Demonstrate the correct clinical examination of nervous system AN52.2 Histology of Kidney (Practical) Align with PY7.1-7.3	BI11.17	Explain the basis and rationale of tests done in: Renal failure (SGT) (Aligned with PY 7.8, AN47.5, 52.2)	Sports	
63		YOGA	PHYSIOLOGY PY 4.4 Describe							

(c) Electricity
 is a form of energy that can be converted into other forms of energy.

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[Signature]
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Rajiv Gandhi Institute of Health Sciences, Assam, India

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6-4		YOGA	PHYSIOLOGY PY 4,5 Describe the source of GIT hormones, their regulation and functions	ANAL 2,4B,6 Urinary bladder (structure and function) with PY 6,7,9	Communication skill CS-2 Demonstrate use of local language in patient and peer interaction		LUNCH	Physiology Tutorial	PY 10,11 Demonstrate high level function ANAL 2 Histology of ureter, Urinary bladder (practical) Aligned with PY 6,7,9 BIOCHEMISTRY Revision		


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