

Integrated Clinically Oriented Modular Curriculum for Second Year MBBS

GIT Module - I Time Table

Second Year MBBS

Session 2025

Batch- 51

GIT Module - I Team

Module Name : GIT Module - I
 Duration of module : 06 Weeks
 Coordinator : Dr. Uzma Kiyani
 Co-coordinator : Dr. Shazia Nosheen
 Reviewed by : Module Committee

Module Committee			Module Task Force Team		
1.	Vice Chancellor RMU	Prof. Dr. Muhammad Umar	1.	Coordinator	Dr. Uzma Kiyani (Senior Demonstrator of Physiology)
2.	Director DME	Prof. Dr. Ifra Saeed	2.	DME Focal Person	Dr. Farzana Fatima
3.	Convener Curriculum	Prof. Dr. Naeem Akhter	3.	Co-coordinator	Dr. Minahil Haq (Senior Demonstrator of Anatomy)
4.	Chairperson Anatomy & Dean Basic Sciences	Prof. Dr. Ayesha Yousaf	4.	Co-Coordinator	Dr. Shazia Nosheen (Senior Demonstrator of Physiology)
5.	Additional Director (Assessment) DME	Dr. Arsalan Manzoor Mughal	5.	Co-coordinator	Dr. Uzma Zafar (APWMO of Biochemistry)
6.	Chairperson Physiology	Prof. Dr. Samia Sarwar	DME Implementation Team		
7.	Chairperson Biochemistry	Dr. Aneela Jamil			
8.	Focal Person Anatomy Second Year MBBS	Dr. Maria Tasleem	1.	Director DME	Prof. Dr. Ifra Saeed
9.	Focal Person Physiology	Dr. Sidra Hamid	2.	Implementation Incharge 1st & 2 nd Year MBBS	Dr. Arsalan Manzoor Mughal Dr. Farzana Fatima
10.	Focal Person Biochemistry	Dr. Aneela Jamil	3.	Assistant Director DME	Dr. Farzana Fatima
11.	Focal Person Pharmacology	Dr. Zunera Hakim	4.	Editor	Muhammad Arslan Aslam
12.	Focal Person Pathology	Dr. Asiya Niazi			
13.	Focal Person Behavioral Sciences	Dr. Saadia Yasir			
14.	Focal Person Community Medicine	Dr. Afifa Kulsoom			
15.	Focal Person Quran Translation Lectures	Dr. Uzma Zafar			
16.	Focal Person Family Medicine	Dr. Sadia Khan			

Discipline Wise Details of Modular Content

Integration Themes					
Block	Module	General Anatomy	Embryology	Histology	Gross Anatomy
I	Anatomy	-	Tongue, Body Cavities, Gastrointestinal System	Digestive Tract & associated organs (Junqueira)	Oral Cavity, Abdomen and associated viscera
	Biochemistry	Carbohydrate metabolism, GIT digestive juices, Digestion and absorption, GIT Hormones LFTs, Jundice & Nutrition,			
	Physiology	General Principles of Gastrointestinal Function—Motility, Nervous Control, and Blood Circulation Propulsion and Mixing of Food in the Alimentary Tract Secretory Functions of the Alimentary Tract, Digestion and Absorption in the Gastrointestinal Tract Physiology of Gastrointestinal Disorders			
	Orientation Session				
	Department of Medical Education (DME)	• Orientation Session on Curricular Reform RMU & Feedback of Year 2024			
	Spiral Courses				
	Pak Studies	• Nazria Pakistan • Allah SWT ki Hakmiyat ka Nifaz • Two Nation Theory • Establishment of an Islamic state			
	Islamiyat	• Toheed Related Quranic Verses & their Explanation • Toheed & Shirk • Risalat Related Quranic Verses & Their Explanation			
	Research (IUGRC)	• Introduction to descriptive statistics (Research-I) • Classification of different types of Data (Research-II) • Scales of Data measurement (Research-III) • Measures of central Tendency (Research-IV) • Geriatrics (Research-V) • Synopsis wrting session (Research Practical Session I)			
	Radiology	• Medical imaging of abdomen- I • Medical imaging of abdomen-II			
	Family Medicine	• Common Abdominal diseases			
	Behavioral Sciences	• Learning & Memory • Eating Disorders			
Vertical Integration					

	Community Medicine	Clinically content relevant to GIT Module - I - Concept of health & disease - Epidemiology of Infectious Diseases& Basic Concepts
	Gynae and OBS	- Physiologic Changes in the GIT in Pregnancy - Jaundice/Obstetric Cholestasis in Pregnancy
	Medicine	- Jaundice - Inflammatory Bowel Diseases
	Surgery	- Acute Abdomin - Gall Stones
	Pediatrics	Acute and Chronic Diarrhea Cute & Choronic Diaherrea
	Pharmacology	Anti Diarrheal Drugs
	Pathology	Pathologies of Intestine
Clinical Relevance		
	- Clinical Presentation and Management of Peptic Ulcer Disease - Mechanisms of Malabsorption Syndromes (e.g., celiac disease) - Diagnosis and Management of Gastroesophageal Reflux Disease (GERD) - Pathophysiology of Inflammatory Bowel Diseases (e.g., Crohn's disease, ulcerative colitis) - Clinical Features of Appendicitis and Surgical Decision-Making - Gastrointestinal Bleeding: Causes and Initial Management - Jaundice: Differentiation and Clinical Evaluation - Liver Cirrhosis and its Complications (e.g., ascites, hepatic encephalopathy) - Gallstones: Pathogenesis and Surgical Indications - Mechanisms of Diarrhea and Dehydration Management	

Categorization of Modular Content

Anatomy:

Category A	Category B	Category C				
Special	Special	Demonstrations	Practical's	CBL	SSDL	SDL

Embryology	Histology					
Development Of - Tongue, - Salivary Glands - Esophagus & Stomach - Liver - Gallbladder & Pancreas - Small Intestine - Large Intestine	Histological Features Of - Tongue, - Salivary Glands -General Structure of GIT - Esophagus & Stomach - Liver - Gallbladder & Pancreas - Small Intestine - Large Intestine	Gross Anatomy: -Topographical Organization Of GIT -Oral Cavity -Tongue - Salivary Glands -Anterolateral Abdominal Wall -Rectus Sheath -Inguinal Region & Hernias - Testes -Scrotum -Peritoneum & Peritoneal Cavity -Subdivisions of Peritoneal Cavity -Esophagus -Stomach -Small & Large Intestines -Liver -Gallbladder -Biliary Apparatus -Spleen -Pancreas -Vasculature of GIT -Portosystemic Anastomosis -Rectum -Anal Canal -Innervation of Abdominal Viscera	- Histology of Tongue & Salivary glands - Esophagus & Stomach - Liver & Gallbladder - Small Intestine - Large Intestine	- Acute Appendicitis - Liver & Portal Hypertension	- Subdivission of Pretonial Cavity - Liver-II (Functional Sagment) - Spleen - Pancrease	- Layers of Antero lateral abdominal wall & its defects - Applied Anatomy of Rectus sheath - Applied Anatomy of Inguinal region & Hernias - Peritoneal Dialysis/ Peritoneal Lavage - Crohn's Disease, Celiac Disease, Irritable Bowel Syndrome - Diverticulum, Intussusception - Liver Biopsy, Liver Abscess and hepatitis - Applied Anatomy of Vasculature of GIT (Blood Supply, Venous drainage, - Lymphatic drainage Hemorrhoids & Anal Fissure - Applied Anatomy of Innervation of Abdominal Viscera's
	Development of Body Cavities Histology Of Liver					

Category A: By Professors

Category B: By Associate & Assistant Professors

Category C: By Senior Demonstrators

Teaching Staff / Human Resource of Department of Anatomy

Sr. #	Designation of Teaching Staff / Human Resource	Total Number of Teaching Staff
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1.	Professor of Anatomy department	01
2.	Assistant professor of Anatomy department (AP)	01
3.	Demonstrators of Anatomy department	04

Contact Hours (Faculty)

Sr. #	Hours Calculation for Various Type of Teaching Strategies	Total Hours
1.	Large Group Interactive Session (LGIS)	32 hours
2.	Small Group Discussions (SGD)	31 hours
	Supervised Self-Directed Learning (SSDL)	6 hours
3.	Practical / Skill Lab	37.5 hours

Contact Hours (Students)

Sr. #	Hours Calculation for Various Type of Teaching Strategies	Total Hours
1.	Large Group Interactive Session (LGIS)	16 hours
2.	Small Group Discussions (SGD)	31 hours
	Supervised Self-Directed Learning (SSDL)	6 Hours
3.	Practical / Skill Lab	7.5 hours
4.	Self-Directed Learning (SDL)	20 hours

Physiology:

Category A	Category B	Category C
Introduction to GIT, electrical activity in GIT, Enteric Nervous System and GIT reflexes (Dr. Samia Sarwar)	Saliva and mastication, stages of swallowing, clinical disorders of esophagus and swallowing, achalasia and vomiting (Dr. Shazia)	PBL:
Small intestine motility and malabsorption	Movements of GIT, control of GIT motility and	CBL:

(sprue, paralytic ileus and Crohn’s disease) (Dr. Samia Sarwar)	factors affecting GIT blood flow, hormones of GIT (Dr. Aneela)	Peptic Ulcer Food poisoning
	Motor functions of stomach, physiology of regulation of gastric emptying (Dr. Shazia)	Practical: Sense of taste Sense of smell Examination of superficial reflexes (CNS) Examination of deep reflexes Performance of axon reflex (triple response of skin)
	Physiology of liver and gall bladder, liver and biliary secretion (Dr. Aneela)	SGD: Saliva and mastication, stages of swallowing, clinical disorders of esophagus and swallowing, achalasia and vomiting Motor functions of stomach, physiology of regulation of gastric emptying Physiology of liver and gall bladder, liver and biliary secretion
	Gastric secretion, digestion in stomach, peptic ulcer and gastritis (Dr. Shazia)	SDL: Introduction to GIT, electrical activity in GIT, Enteric Nervous System and GIT reflexes Gastric secretion, digestion in stomach, peptic ulcer and gastritis Small intestine motility and malabsorption (sprue, paralytic ileus and Crohn’s disease) Intestinal secretion and its functions, pancreatic juice, its composition and functions Pancreatitis, overall mechanism of digestion and absorption of intestine (amino acids, fatty acids and glucose) Motor function of large gut, defecation reflex Pathophysiology (diarrhea, constipation, ulcerative colitis, mega colon and carcinoma of colon)
	Liver function tests, types of jaundice, pathophysiology of cirrhosis and portal hypertension (Dr. Aneela)	
	Intestinal secretion and its functions, pancreatic juice, its composition and functions, pancreatitis, overall mechanism of digestion and absorption of intestine (amino acids, fatty acids and glucose) (Dr. Aneela)	
	Motor function of large gut, defecation reflex and pathophysiology (diarrhea, constipation, ulcerative colitis, mega colon and carcinoma of colon) (Dr. Shazia)	

Category A: By HOD and Associate Professor

Category B: By All (HOD, Associate, Assistant, Senior Demonstrators)

Category C: By Demonstrators and Residents

Teaching Staff / Human Resource of Department of Physiology

Sr. #	Designation Of Teaching Staff / Human Resource	Total Number of Teaching Staff
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1.	Professor of physiology department	01
2.	Associate professor of physiology department	01
3.	Assistant professor of physiology department (AP)	01 (DME)
4.	Demonstrators of physiology department	07
5.	Residents of physiology department (PGTs)	08

Contact Hours (Faculty) & Contact Hours (Students)

Sr. #	Hours Calculation for Various Type oTeaching Strategies	Total Hours
1.	Large Group Interactive Session (Lectures)	22 hours
2.	Small Group Discussions (SGD)/CBL	38.5 hours
3.	Problem Based Learning (PBL)	2.5 hours
4.	Practical / Skill Lab	38.5 hours
5.	Self-Directed Learning (SDL)	17 hours

Biochemistry:

Category A	Category B	Category C
Introduction to Carbohydrate metabolism	Saliva	PBL: GERD (Gastroesophageal Reflux Disease)
Glycolysis Fate of Pyruvate	Gastric Juice	CBL: G6PDH Deficiency Lactose Intolerance
Gluconeogenesis Metabolism of Individule sugars	Bile & Pancreatic Juice	Practical: Saliva Bile Analysis of Food Components (Wheat)
TCA cycle	Nutrition	SGD: Gluconeogenesis and Its Regulation Jaundice and LFTs
Glycogen metabolism	GIT Hormones & Succus Entericus	
LFTS, Jaundice		
Digestion and Absorption of Carbohydrates, Proteins and Lipids		
Category A*: By Assistant Professor & Senior Demonstrators with Postgraduate Qualification		
Category B**: By Senior Demonstrators		
Category C***: By Senior Demonstrators & Demonstrators		

Teaching Staff / Human Resource of Department of Biochemistry

Sr. #	Designation of Teaching Staff / Human Resource	Total Number of Teaching Staff
1	Assistant Professor of Biochemistry Department (AP)	01
2	Demonstrators of Biochemistry Department	06

Contact Hours (Faculty) & Contact Hours (Students)

Sr. #	Hours Calculation for Various Type of Teaching Strategies	Total Hours (Faculty)	Total Hours (student)
1.	Large Group Interactive Session (LECTURES)	20 hours	10 hours
2.	Small Group Discussions (SGD)	38 hours	7.5 hours
4.	Practical / Skill Lab	38 hours	7.5 hours
5.	Self-Directed Learning (SDL)	4 hours	05 hours

Time Table for GIT Module - I (First Week) (24-02-2025 to 01-03-2025)

Date/Day	8:00am-9:20am	9:20am – 10:10am		10:10am – 10:30am	10:30am-11:20am		11:20am-12:10pm		12:10pm-12:30pm	12:30pm – 2:00pm	Home Assignments(2hrs)	
24-02-2025 Monday	Practical &CBL/SGD Topic & Venue Mentioned at The End	PHYSIOLOGY LGIS		Break	DME (LGIS)		ANATOMY LGIS		Break	DISSECTION/SGD	SDL Physiology Enteric Nervous System	
		Introduction to GIT Electrical Activity in GIT, Enteric Nervous System & GIT Reflexes	Saliva &Mastication, Stages ofSwallowing, Clinical DisordersofEsophagus &Swallowing, Achalasia & Vomiting		Orientation Session on Curricular Reform RMU & Feedback of Year 2024		Development of Tongue	Histology of Tongue		Topographical Organization of GIT Refere to Table No. 1		
Prof. Dr. Samia Sarwar / Dr. Aneela (Even)	Dr Shazia (Odd)	Prof Ifra Saeed (Even)	Dr. Farzana (Odd)		Prof. Dr Ifra (Even)	Asst. Prof. Dr Maria (Odd)	DISSECTION/SGD	SDL Physiology GIT Reflexes				
PHYSIOLOGY LGIS		ANATOMY LGIS			BIOCHEMISTRY LGIS							
25-02-2025 Tuesday	Practical &CBL/SGD Topic & Venue Mentioned at The End	Saliva & Mastication, Stages of Swallowing, Clinical Disorders of Esophagus & Swallowing, Achalasia &Vomiting	Introduction to GIT Electrical Activity in GIT, Enteric Nervous System & GIT Reflexes		Histology of Tongue	Development of Tongue	Introduction to Carbohydrate Metabolism	Saliva		Oral Cavity, Tongue and Salivary Glands Refere to Table No.		
		Dr Shazia (Even)	Prof. Dr. Samia Sarwar / Dr. Aneela (Odd)		Asst. Prof. Dr Maria (Even)	Prof. Dr Ifra (Odd)	Dr Uzma Zafar (Even)	Dr. Almas (Odd)		DISSECTION/SGD	SDL Biochemistry Glycolysis	
26-02-2025 Wednesday	Practical &CBL/SGD Topic & Venue Mentioned at The End	BIOCHEMISTRY LGIS			BIOCHEMISTRY LGIS		PBL-1 (SESSION-I)					PBL Team	Anterolateral Abdominal Wall Refere to Table No.1	SDL Anatomy Layers of Antero lateral abdominal wall & its defects
		Metabolism of Monosaccharide & Disaccharide (Fructose, Lactose, Galactose)	Glycolysis		Carbohydrate Metabolism	Saliva						
27-02-2025 Thursday	Practical &CBL/SGD Topic & Venue Mentioned at The End	Dr. Aneela (Even)	Dr Uzma Zafar (Odd)		ANATOMY LGIS		BIOCHEMISTRY LGIS			Glycolysis	Metabolism of Monosaccharide & Disaccharide (Fructose, Lactose, Galactose)	
		COMMUNITY MEDICINE LGIS			Development of Salivary Glands	Histology Salivary Glands	Dr Uzma Zafar (Even)	Dr. Aneela (Odd)				
28-02-2025 Friday	8:00-9:00AM GYNAE & OBS	9:00-10:00AM BIOCHEMISTRY LGIS		10:00-11:00AM ANATOMY LGIS		11:00-12:00PM PAK STUDIES			SDL Biochemistry Pyruvate Kinase Deficiency			
	Physiologic Changes in the GIT in Pregnancy	Fate of Pyruvate	Gluconeogenesis	Histology Salivary Glands	Development Of Salivary Glands	1) Nazria Pakistan						
	Dr. Farah (Even)	Dr. Saira (Odd)	Dr Uzma Zafar (Even)	Dr. Aneela (Odd)	Asst. Prof. Dr Maria (Even)	Prof. Dr Ifra (Odd)	Qari Amaan Ullah					
Date/Day	8:00am-9:20am	9:20am – 10:10am		10:10am – 10:30am	10:30am-11:20am		11:20am-12:10pm		12:10pm-12:30pm	12:30pm – 2:00pm	Home Assignments(2hrs)	
01-03-2025 Saturday	Practical &CBL/SGD Topic & Venue Mentioned at The End	BEHAVIORAL SCIENCES		Break	PBL-1 (SESSION-II)		COMMUNITY MEDICINE LGIS		Elections	SDL Applied Anatomy Of Rectus Sheath		
		Medically Unexplained Symptoms / Stress Diarrhea			PBL Team		Epidemiology of Infectious Diseases Basic Concepts	Concept of Health & Disease				
		Dr. Sadia Yasir (Even)	Dr. Zona Tahir (Odd)				Dr. Asif (Even)	Dr. Rizwana Shahid (Odd)				
Table No. 1 (Time: 08:00am – 09:20am)												
Batch Distribution for Practical Skills (all subjects)		Topics for Skill Lab with Venue		Schedule for Practical								
		• Histology of Tongue and Salivary		Day	Histology Practical	Biochemistry Practical	Physiology Practical	Physiology SGD	Biochemistry SGD			

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CBL / Small Group Discussion(Biochemistry and Physiology)			Glands (Anatomy Histology Practical) Venue-Histology Lab-Dr. Sadia Baqir • Saliva I (Biochemistry Practical) Venue- Biochemistry Laboratory • Sense of Taste (Physiology Practical) Venue – Physiology Lab		Batch	Teacher Name	Batch	Teacher Name	Supervised by HOD	Batch	Teacher Name		Batch	Teacher Name	Batch	Teacher Name
Sr. No	Batch	Roll No.		Monday	C	Supervised by HOD	B	Dr. Rahat		E	Dr. Fareed	A	Dr. Aneela	D	Dr. Uzma	
1.	A	01-70		Tuesday	D		C	Dr. Romessa		A	Dr. Aneela	B	Dr. Shazia	E	Dr. Almas	
2.	B	71-140		Wednesday	E		D	Dr. Uzma		B	Dr. Shazia	C	Dr. Fahd Anwar	A	Dr. Sana Latif	
3.	C	141-210		Thursday	B		A	Dr. Sana Latif		D	Dr. Jawad	E	Dr. Fareed	C	Dr. Romessa	
4.	D	211-280		Saturday	A		E	Dr. Romessa		C	Dr. Fahd Anwar	D	Dr. Jawad	B	Dr. Rahat	
5.	E	281-onwards														

			Topics for SGDs / CBL with Venue - Physiology SGD: Saliva and mastication, stages of swallowing, clinical disorders of esophagus and swallowing, achalasia and vomiting Saliva Venue - Lecture Hall No 5 - Biochemistry SGD: Saliva Venue - Lecture Hall No 2													
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Table No. 2 Batch Distribution with Venues and Teachers Name for Problem Based Learning (PBL) Sessions									
Sr No.	Batches	Roll No	Venue	Teachers	Sr No.	Batches	Roll No	Venue	Teachers
1.	A1	(01-35)	Lecture Hall no.05 Physiology	Dr. Romessa (Demonstrator Biochemistry)	6.	C2	(176-210)	New Lecture Hall Complex Lecture Theater # 01	Dr. Nazia (Demonstrator Physiology)
2.	A2	(36-70)	Lecture Hall #.04 (1st Floor Anatomy)	Dr. Farah Ali Shah (Demonstrator Physiology)	7.	D1	(210-245)	New Lecture Hall Complex Lecture Theater # 04	Dr. Jawad (Demonstrator Physiology)
3.	B1	(71-105)	Anatomy Museum (First FloorAnatomy)	Dr. Almas Aijaz (APWMO Biochemistry)	8.	D2	(246-280)	New Lecture Hall Complex Lecture Theater # 04	Dr. Minhail Haq (Senior Demonstrator Anatomy)
4.	B2	(106-140)	Lecture Hall no.03 (First Floor)	Dr. Sadia Baqir (Senior Demonstrator Anatomy)	9.	E1	(281-315)	Anatomy Museum (First Floor Anatomy)	Dr. Rahat (APWMO Biochemistry)
5.	C1	(141-175)	New Lecture Hall Complex Lecture Theater # 01	Dr. Ali Zain (PGT Physiology)	10	E2	(315 onwards)	Lecture Hall no.04 (Basement)	Dr. Afsheen (PGT Physiology)

Table No. 3 Venues for Large Group Interactive Session (LGIS)	
Odd Roll Numbers	New Lecture Hall Complex Lecture Theater # 01
Even Roll Number	New Lecture Hall Complex Lecture Theater # 04

Table No. 4 Batch Distribution and Venues for Anatomy Small Group Discussion SGDs / Dissections					Table No. 5 Batch Distribution and Venues for Physiology & Biochemistry Small Group Discussion SGDs								
Batches	Roll No	Subgroup	Anatomy Teacher	Venue	Batches	Roll No	Subgroup	Physiology Teacher	Physiology Venue	Biochemistry Teacher	Biochemistry Venue		
A	01- 60	A1: Roll No (1 – 15) A2: Roll No (16 – 30) A3: Roll No (31 – 45) A4: Roll No (46 – 60)	Dr. Tayyaba Qureshi (Assistant Professor)	New Lecture Hall Complex 02	A	01-70	A1: Roll No (1 – 14) A2: Roll No (15 – 28) A3: Roll No (29 – 42) A4: Roll No (43 – 56) A5: Roll No (57 – 70)	Dr. Aneela Yasmeen (APWMO)	Physiology Lecture Hall 5	Dr. Uzma Zafar (APWMO)	Basement Lecture Hall No. 2		
B	61-120	B1: Roll No (61 – 75) B2: Roll No (76 – 90) B3: Roll No (91 – 105) B4: Roll No (06 – 120)	Dr. Sumyyia Bashir (Assistant Professor)	New Lecture Hall Complex 3	B	71-140	B1: Roll No (71 – 84) B2: Roll No (85 – 98) B3: Roll No (99 – 112) B4: Roll No (113 – 126) B5: Roll No (127 – 140)	Dr. Shazia Nosheen (APWMO)	Physiology Lecture Hall 5	Dr. Rahat (APWMO)	Basement Lecture Hall No. 2		
C	121-180	C1: Roll No (121 – 135) C2: Roll No (136 – 150) C3: Roll No (151 – 165) C4: Roll No (166 – 180)	Dr. Zeneara Saqib (Demonstrator)	New Lecture Hall Complex 04	C	141-210	C1: Roll No (141 – 154) C2: Roll No (155 – 168) C3: Roll No (169 – 182) C4: Roll No (183 – 196) C5: Roll No (197 – 210)	Dr. Fahd Anwar (Demonstrator)	Physiology Lecture Hall 5	Dr. Almas (APWMO)	Basement Lecture Hall No. 2		
D	181- 240	D1: Roll No (181 – 195) D2: Roll No (196 - 210) D3: Roll No (211 – 225) D4: Roll No (226 – 240)	Dr. Qurat ul Ain (Senior. Demonstrator)	New Lecture Hall Complex 01	D	211-280	D1: Roll No (211 – 224) D2: Roll No (225 – 238) D3: Roll No (239 – 252) D4: Roll No (253 – 266) D5: Roll No (267 – 280)	Dr. Jawad (Demonstrator)	Physiology Lecture Hall 5	Dr. Sana Latif (Senior Demonstrator)	Basement Lecture Hall No. 2		
E	241- 300	E1: Roll No (241 – 255) E2: Roll No (256 – 270) E3: Roll No (271 – 285) E4: Roll No (286 – 300)	Dr. Sajjad Hussain (Senior. Demonstrator)	Anatomy Lecture Hall 04	E	281- onwards	E1: Roll No (281 – 294) E2: Roll No (295 – 308) E3: Roll No (309 – 322) E4: Roll No (323 – 336) E5: Roll No (337 – onwards)	Dr. Fareed (Demonstrator)	Physiology Lecture Hall 5	Dr. Romessa (Demonstrator)	Basement Lecture Hall No. 2		
F	301- onwards	F1: Roll No (301 – 315) F2: Roll No 316 – 330) F3: Roll No 331 – 345) F4: Roll No (346 – onwards)	Dr. Ali Raza (Senior. Demonstrator)	Anatomy Lecture Hall 03									
Supervised by Prof. Dr. Ayesha Yousaf					Supervised by Prof. Dr. Samia Sarwar							Supervised by. Dr. Aneela Jamil	

Time Table for GIT Module - I (Second Week) (03-03-2025 to 08-03-2024)

The Holy Month of Ramzan Observed
Timing are from 08:00AM – 01:00PM

Date/Day		8:00am-9:20am		9:20am – 10:10am		10:10am – 10:30am	10:30am-11:10am		11:10am-11:50am		11:50am – 01:00pm	Home Assignments (2hrs)
03-03-2025 Monday	Practical &CBL/SGD Topic & Venue Mentioned at The End		PHYSIOLOGY LGIS		Break	BIOCHEMISTRY LGIS		RESEARCH-I LGIS		DISSECTION/SGD	SDL Physiology Control Of GI Motility & Factors Affecting GIT Blood Flow	
			Movements of GIT, control of GIT motility and factors affecting GIT blood flow, hormones of GIT	Motor functions of stomach, physiology of regulation of gastric emptying		Gluconeogenesis	Fate Of Pyruvate	Introduction to Descriptive Statistics		Inguinal Region And Hernias Refere to Table No.1		
			Dr. Aneela (Even)	Dr. Shazia (Odd)		Dr. Aneela (Even)	Dr Uzma Zafar (Odd)	Dr. Asif Maqsood (Even)	Dr. Rizwana Shahid (Odd)			
04-03-2025 Tuesday	Practical &CBL/SGD Topic & Venue Mentioned at The End		PHYSIOLOGY LGIS			ANATOMY LGIS		BIOCHEMISTRY LGIS		DISSECTION/SGD	SDL Physiology Swallowing	
			Motor functions of stomach, physiology of regulation of gastric emptying	Movements of GIT, control of GIT motility and factors affecting GIT blood flow, hormones of GIT		Development Of Esophagus & Stomach-1	Histology General Structure of GIT & Esophagus	Function Of NADPH & Deficiency of G6PD	Citric Acid Cycle	Testes & Scrotum Refere to Table No.1		
			Dr. Shazia (Even)	Dr. Aneela (Odd)		Prof. Dr Ifra (Even)	Asst. Prof. Dr Maria (Odd)	Dr. Aneela (Even)	Dr Uzma Zafar (Odd)			
05-03-2025 Wednesday	Practical &CBL/SGD Topic & Venue Mentioned at The End		PHYSIOLOGY LGIS			ANATOMY LGIS		PBL-2 (SESSION-I)		DISSECTION/SGD	SDL Biochemistry TCA Cycle	
			Physiology of liver and gall bladder, liver and biliary secretion	Gastric secretion, digestion in stomach, peptic ulcer and gastritis		Histology General Structure of GIT & Esophagus	Development Of Esophagus & Stomach-1	PBL: Team		Peritoneum & Peritoneal Cavity Refere to Table No.1		
			Dr. Aneela (Even)	Dr. Shazia (Odd)		Asst. Prof. Dr Maria (Even)	Prof. Dr Ifra (Odd)					
06-03-2025 Thursday	Practical &CBL/SGD Topic & Venue Mentioned at The End		PHYSIOLOGY LGIS			PHYSIOLOGY SGD		BIOCHEMISTRY LGIS		SSDL	SDL Applied Anatomy of Inguinal region & Hernias	
			Gastric secretion, digestion in stomach, peptic ulcer and gastritis	Physiology of liver and gall bladder, liver and biliary secretion		Movements of GIT, control of GIT motility and factors affecting GIT blood flow, hormones of GIT		Citric Acid Cycle	Function of NADPH & Deficiency of G6PD	Sub divisions of Peritoneal Cavity Refere to Table No.1		
			Dr. Shazia (Even)	Dr. Aneela (Odd)		SGD Team of Second Year MBBS		Dr Uzma Zafar (Even)	Dr. Aneela (Odd)			
07-03-2025 Friday	8:00-9:00am		9:00-10:00am			10:00-11:00am		11:00-12:00pm		SDL Biochemistry Clinical disorders related to HMP shunt		
	SURGERY		ANATOMY LGIS			PAK STUDIES		ISLAMIYAT				
	Acute Abdomen		Development of Stomach-2	Histology of Stomach		2) Allah SWT ki Hakmiyat ka Nifaz		1) Toheed Related Quranic Verses & their Explanation				
	Dr. Asad Amir (Odd)	Dr. Faiza (Even)	Prof. Dr. Ifra (Even)	Asst. Prof. Dr Maria (Odd)	Qari Amaan Ullah		Mufti Naeem Sherazi					
Date/Day		8:00am-9:20am		9:20am – 10:10am		10:10am – 10:30am	10:30am-11:10am		11:10am-11:50am		11:50am – 01:00pm	Home Assignments (2hrs)
08-03-2025 Saturday	Practical &CBL/SGD Topic & Venue Mentioned at The End		RADIOLOGY (LGIS)		Break	ANATOMY LGIS		BIOCHEMISTRY LGIS		DISSECTION/SGD	SDL Anatomy Peritoneal Dialysis/ Peritonial Lavage	
			Medical Imaging of abdomen-I			Histology of Stomach	Development of Stomach-2	Glycogen Metabolism	Gastric Juice	Esophagus and stomach Refere to Table No.1		
			Dr Humaira (Even)	Dr. Fizza (Odd)		Asst. Prof. Dr Maria (Even)	Prof. Dr. Ifra (Odd)	Dr. Aneela (Even)	Dr. Almas (Odd)			

Table No. 1 (Time: 08:00am – 09:20am)																		
Batch Distribution for Practical Skills (all subjects) CBL / Small Group Discussion(Biochemistry and Physiology)			Topics for Skill Lab with Venue		Schedule for Practical													
			- Histology of Esophagus & Stomach (Anatomy Histology Practical) Venue-Histology lab-Dr Sadia Baqir - Saliva II (Biochemistry Practical) Venue- Biochemistry laboratory - Sense of Smell (Physiology Practical) Venue – Physiology Lab	Day	Histology Practical		Biochemistry Practical		Physiology Practical			Physiology SGD		Biochemistry SGD				
					Batch	Teacher Name	Batch	Teacher Name		Batch		Teacher Name	Batch	Teacher Name				
				Sr. No	Batch	Roll No.	Monday	C	Supervised by HOD	B	Dr. Rahat	Supervised by HOD	E	Dr. Fareed	A	Dr. Aneela	D	Dr. Uzma
				1.	A	01-70	Tuesday	D		C	Dr. Romessa		A	Dr. Aneela	B	Dr. Shazia	E	Dr. Almas
				2.	B	71-140	Wednesday	E		D	Dr. Uzma		B	Dr. Shazia	C	Dr. Fahd Anwar	A	Dr. Sana Latif
				3.	C	141-210	Thursday	B		A	Dr. Sana Latif		D	Dr. Jawad	E	Dr. Fareed	C	Dr. Romessa
				4.	D	211-280	Saturday	A		E	Dr. Romessa		C	Dr. Fahd Anwar	D	Dr. Jawad	B	Dr. Rahat
5.	E	281-onwards																
			Topics for SGDs / CBL with Venue															
			- Physiology SGD: Motor functions of stomach, physiology of regulation of gastric emptying Venue: Lecture Hall No 5) - Biochemistry CBL: Glucose 6 Phosphate Dehydrogenase Deficiency (Venue: Lecture Hall No 2)															

Table No. 2 Batch Distribution with Venues and Teachers Name for Problem Based Learning (PBL) Sessions									
Sr No.	Batches	Roll No	Venue	Teachers	Sr No.	Batches	Roll No	Venue	Teachers
1.	A1	(01-35)	Lecture Hall no.05 Physiology	Dr. Romessa (Demonstrator Biochemistry)	6.	C2	(176-210)	New Lecture Hall Complex Lecture Theater # 01	Dr. Nazia (Demonstrator Physiology)
2.	A2	(36-70)	Lecture Hall #.04 (1st Floor Anatomy)	Dr. Farah Ali Shah (Demonstrator Physiology)	7.	D1	(210-245)	New Lecture Hall Complex Lecture Theater # 04	Dr. Jawad (Demonstrator Physiology)
3.	B1	(71-105)	Anatomy Museum (First FloorAnatomy)	Dr. Almas Aijaz (APWMO Biochemistry)	8.	D2	(246-280)	New Lecture Hall Complex Lecture Theater # 04	Dr. Minhail Haq (Senior Demonstrator Anatomy)
4.	B2	(106-140)	Lecture Hall no.03 (First Floor)	Dr. Sadia Baqir (Senior Demonstrator Anatomy)	9.	E1	(281-315)	Anatomy Museum (First Floor Anatomy)	Dr. Rahat (APWMO Biochemistry)
5.	C1	(141-175)	New Lecture Hall Complex Lecture Theater # 01	Dr. Ali Zain (PGT Physiology)	10	E2	(315 onwards)	Lecture Hall no.04 (Basement)	Dr. Afsheen (PGT Physiology)

Table No. 3 Venues for Large Group Interactive Session (LGIS)	
Odd Roll Numbers	New Lecture Hall Complex Lecture Theater # 01
Even Roll Number	New Lecture Hall Complex Lecture Theater # 04

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Table No. 4 Batch Distribution and Venues for Anatomy Small Group Discussion SGDs / Dissections					Table No. 5 Batch Distribution and Venues for Physiology & Biochemistry Small Group Discussion SGDs								
Batches	Roll No	Subgroup	Anatomy Teacher	Venue	Batches	Roll No	Subgroup	Physiology Teacher	Physiology Venue	Biochemistry Teacher	Biochemistry Venue		
A	01- 60	A1: Roll No (1 – 15) A2: Roll No (16 – 30) A3: Roll No (31 – 45) A4: Roll No (46 – 60)	Dr. Tayyaba Qureshi (Assistant Professor)	New Lecture Hall Complex 02	A	01-70	A1: Roll No (1 – 14) A2: Roll No (15 – 28) A3: Roll No (29 – 42) A4: Roll No (43 – 56) A5: Roll No (57 – 70)	Dr. Aneela Yasmeen (APWMO)	Physiology Lecture Hall 5	Dr. Uzma Zafar (APWMO)	Basement Lecture Hall No. 2		
B	61-120	B1: Roll No (61 – 75) B2: Roll No (76 – 90) B3: Roll No (91 – 105) B4: Roll No (06 – 120)	Dr. Sumyyia Bashir (Assistant Professor)	New Lecture Hall Complex 3	B	71-140	B1: Roll No (71 – 84) B2: Roll No (85 – 98) B3: Roll No (99 – 112) B4: Roll No (113 – 126) B5: Roll No (127 – 140)	Dr. Shazia Nosheen (APWMO)	Physiology Lecture Hall 5	Dr. Rahat (APWMO)	Basement Lecture Hall No. 2		
C	121-180	C1: Roll No (121 – 135) C2: Roll No (136 – 150) C3: Roll No (151 – 165) C4: Roll No (166 – 180)	Dr. Zeneara Saqib (Demonstrator)	New Lecture Hall Complex 04	C	141-210	C1: Roll No (141 – 154) C2: Roll No (155 – 168) C3: Roll No (169 – 182) C4: Roll No (183 – 196) C5: Roll No (197 – 210)	Dr. Fahd Anwar (Demonstrator)	Physiology Lecture Hall 5	Dr. Almas (APWMO)	Basement Lecture Hall No. 2		
D	181- 240	D1: Roll No (181 – 195) D2: Roll No (196 - 210) D3: Roll No (211 – 225) D4: Roll No (226 – 240)	Dr. Qurat ul Ain (Senior. Demonstrator)	New Lecture Hall Complex 01	D	211-280	D1: Roll No (211 – 224) D2: Roll No (225 – 238) D3: Roll No (239 – 252) D4: Roll No (253 – 266) D5: Roll No (267 – 280)	Dr. Jawad (Demonstrator)	Physiology Lecture Hall 5	Dr. Sana Latif (Senior Demonstrator)	Basement Lecture Hall No. 2		
E	241- 300	E1: Roll No (241 – 255) E2: Roll No (256 – 270) E3: Roll No (271 – 285) E4: Roll No (286 – 300)	Dr. Sajjad Hussain (Senior. Demonstrator)	Anatomy Lecture Hall 04	E	281- onwards	E1: Roll No (281 – 294) E2: Roll No (295 – 308) E3: Roll No (309 – 322) E4: Roll No (323 – 336) E5: Roll No (337 – onwards)	Dr. Fareed (Demonstrator)	Physiology Lecture Hall 5	Dr. Romessa (Demonstrator)	Basement Lecture Hall No. 2		
F	301- onwards	F1: Roll No (301 – 315) F2: Roll No 316 – 330) F3: Roll No 331 – 345) F4: Roll No (346 – onwards)	Dr. Ali Raza (Senior. Demonstrator)	Anatomy Lecture Hall 03									
Supervised by Prof. Dr. Ayesha Yousaf					Supervised by Prof. Dr. Samia Sarwar							Supervised by. Dr. Aneela Jamil	

Time Table for GIT Module - I (Third Week)

(10-03-2025 to 15-03-2025)

Date/Day		8:00am-9:20am		9:20am – 10:10am		10:10am – 10:30am		10:30am-11:10am		11:10am-11:50am		11:50am – 01:00pm		Home Assignments (2hrs)	
10-03-2025 Monday	Practical &CBL/SGD Topic & Venue Mentioned at The End	PHYSIOLOGY LGIS		Break	PHYSIOLOGY SDL-I		BIOCHEMISTRY LGIS		DISSECTION/SGD		SDL Physiology Clinical disorders of Esophagus & Swallowing., Achalasia/ vomiting				
		Liver function tests, types of jaundice, pathophysiology of cirrhosisandportalhypertensi on	Small intestine motilityand malabsorption (sprue, paralytic ileus and Crohn’s disease)		Introduction to GIT, electrical activity in GIT, Enteric Nervous System and GIT reflexes		Gastric Juice	Glycogen Metabolism	Small intestine (Duodenum) Refere to Table No.1						
		Dr. Aneela (Even)	Prof. Dr. Samia Sarwar / Dr. Shazia (Odd)		Dr. Nazia (Even)	Dr. Fareed (Even)	Dr. Almas (Even)	Dr. Aneela (Odd)							
11-03-2025 Tuesday	Practical &CBL/SGD Topic & Venue Mentioned at The End	PHYSIOLOGY LGIS			ANATOMY LGIS		RADIOLOGY		DISSECTION/SGD		SDL Physiology Motor function of stomach				
		Small intestine motility and malabsorption (sprue, paralytic ileus and Crohn’s disease)	Liver function tests, types of jaundice, pathophysiology of cirrhosis and portal hypertension		Development of Liver & Biliary Apparatus	Histology of Liver	Medical Imaging of abdomen-II		Small intestine (Jejunum & ileum) Refere to Table No.1						
		Prof. Dr. SamiaSarwar / Dr. Shazia (Even)	Dr. Aneela (Odd)		Prof. Dr Ifra (Even)	Prof Dr. Ayesha / Asst. Dr Maria (Odd)	Dr. Zeenat (Odd)	Dr. Saba Binte Kashmir (Even)							
12-03-2025 Wednesday	Practical &CBL/SGD Topic & Venue Mentioned at The End	RESEARCH-II LGIS			ANATOMY LGIS		BIOCHEMISTRY LGIS		DISSECTION/CBL		SDL Biochemistry Glycogen Metabolism				
		Classification of different types of data			Histology of Liver	Development of Liver & Biliary Apparatus	LFT’s Jaundice	Bile & pancreatic juice	Liver-I CBL- Liver & portal Hypertension Refere to Table No.1						
		Dr. Rizwana Shahid (Even)	Dr. Asif (Odd)		Prof Dr. Ayesha / Asst. Dr Maria (Even)	Prof. Dr Ifra (Odd)	Dr. Nayab (Even)	Dr. Almas (Odd)							
13-03-2025 Thursday	Practical &CBL/SGD Topic & Venue Mentioned at The End	ANATOMY			Physical Activity		PBL-2 SESSION – II		SSDL		SDL Anatomy Crohn’s Disease, Celiac Disease, Irritable Bowel Sydrome				
		Development of Gallbladder & Pancreas	Histology of Gallbladder & Pancreas				PBL Team		Liver II (Functional Sagment) Refere to Table No.1						
		Prof Dr Ifra (Even).	Asst. Prof. Dr Maria (Odd)												
14-03-2025 Friday	8:00-9:00AM		9:00-10:00AM		10:00-11:00AM		11:00-12:00PM		SDL Biochemistry Glycogen Storage Disorders						
	DISSECTION		ANATOMY LGIS		PAK STUDIES		ISLAMIYAT								
	Dissection / Spotting	Histology Of Gallbladder & Pancreas	Development Of Gallbladder &Pancreas	3) Two Nation Theory		2) Toheed & Shirk									
Asst. Prof. Dr Maria (Even)		Prof Dr Ifra (Odd)	Qari Amaan Ullah		Mufti Naeem Sherazi										
Date/Day		8:00am-9:20am		9:20am – 10:10am		10:10am – 10:30am		10:30am-11:10am		11:10am-11:50am		11:50am – 01:00pm		Home Assignments (2hrs)	
15-03-2025 Saturday	Practical &CBL/SGD Topic & Venue Mentioned at The End	PHYSIOLOGY LGIS		Break	ANATOMY LGIS		GYNAE & OBS		PEDIATRICS		SDL Anatomy Diverticulum, Intussusception Mid Module Online Evaluation				
		Intestinal secretion and its functions, pancreatic juice, its composition and functions, pancreatitis, overall mechanism of digestion and absorption of intestine (amino acids, fatty acids and glucose	Motor function of large gut, defecation reflex and pathophysiology (diarrhea, constipation, ulcerative colitis, mega colon and carcinoma of colon)		Development Of Small Intestine	Histology Of Small Intestine	Jaundice/Obstetric Cholestasis in Pregnancy		Acute and Chronic Diarrhea & Choronic Diaherrea						
		Dr Aneela (Even)	Dr Shazia (Odd)		Prof Dr Ifra (Even)	Asst. Prof. Dr Maria (Odd)	Dr. Ayesha Zulfiqar (Even)	Dr. Asma Khan (Odd)	Dr. Maryam (Even)	Dr. Sumbal (Odd)					

Table No. 1 (Time: 08:00am – 09:20am)																
Batch Distribution for Practical Skills (all subjects) CBL / Small Group Discussion (Biochemistry and Physiology) Sr. No Batch Roll No. 1. A 01-70 2. B 71-140 3. C 141-210 4. D 211-280 5. E 281-onwards			Topics for Skill Lab with Venue		Schedule for Practical											
			- Histology of Liver & Gall Bladder (Anatomy Histology Practical) Venue-Histology Laboratory- Dr Sadia Baqir - Bile (Biochemistry Practical) Venue- Biochemistry Laboratory - Examination of Superficial Reflexes (Physiology Practical) Venue – Physiology Lab	Day	Histology Practical		Biochemistry Practical		Physiology Practical			Physiology SGD		Biochemistry SGD		
					Batch	Teacher Name	Batch	Teacher Name		Batch		Teacher Name	Batch	Teacher Name	Batch	Teacher Name
				Monday	C	Supervised by HOD	B	Dr. Rahat	Supervised by HOD	E	Dr. Fareed	Supervised by HOD	A	Dr. Aneela	D	Dr. Uzma
				Tuesday	D		C	Dr. Romessa		A	Dr. Aneela		B	Dr. Almas		
				Wednesday	E		D	Dr. Uzma		B	Dr. Shazia		C	Dr. Sana Latif		
				Thursday	B		A	Dr. Sana Latif		D	Dr. Jawad		E	Dr. Romessa		
			Saturday	A	E		Dr. Romessa	C		Dr. Fahd Anwar	D		Dr. Rahat			
		Topics for SGDs / CBL with Venue														
		- Physiology CBL: Peptic Ulcer (Venue: Lecture Hall No 5) - Biochemistry SGD: Gluconeogenesis and Its Regulation (Venue: Lecture Hall No 2) - Anatomy CBL: Liver and Portal Hypertension														

Table No. 2 Batch Distribution with Venues and Teachers Name for Problem Based Learning (PBL) Sessions									
Sr No.	Batches	Roll No	Venue	Teachers	Sr No.	Batches	Roll No	Venue	Teachers
1.	A1	(01-35)	Lecture Hall no.05 Physiology	Dr. Romessa (Demonstrator Biochemistry)	6.	C2	(176-210)	New Lecture Hall Complex Lecture Theater # 01	Dr. Nazia (Demonstrator Physiology)
2.	A2	(36-70)	Lecture Hall #.04 (1st Floor Anatomy)	Dr. Farah Ali Shah (Demonstrator Physiology)	7.	D1	(210-245)	New Lecture Hall Complex Lecture Theater # 04	Dr. Jawad (Demonstrator Physiology)
3.	B1	(71-105)	Anatomy Museum (First Floor Anatomy)	Dr. Almas Aijaz (APWMO Biochemistry)	8.	D2	(246-280)	New Lecture Hall Complex Lecture Theater # 04	Dr. Minhail Haq (Senior Demonstrator Anatomy)
4.	B2	(106-140)	Lecture Hall no.03 (First Floor)	Dr. Sadia Baqir (Senior Demonstrator Anatomy)	9.	E1	(281-315)	Anatomy Museum (First Floor Anatomy)	Dr. Rahat (APWMO Biochemistry)
5.	C1	(141-175)	New Lecture Hall Complex Lecture Theater # 01	Dr. Ali Zain (PGT Physiology)	10	E2	(315 onwards)	Lecture Hall no.04 (Basement)	Dr. Afsheen (PGT Physiology)

		Table No. 3 Venues for Large Group Interactive Session (LGIS)			
		Odd Roll Numbers	New Lecture Hall Complex Lecture Theater # 01		
		Even Roll Number	New Lecture Hall Complex Lecture Theater # 04		

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Table No. 4 Batch Distribution and Venues for Anatomy Small Group Discussion SGDs / Dissections					Table No. 5 Batch Distribution and Venues for Physiology & Biochemistry Small Group Discussion SGDs								
Batches	Roll No	Subgroup	Anatomy Teacher	Venue	Batches	Roll No	Subgroup	Physiology Teacher	Physiology Venue	Biochemistry Teacher	Biochemistry Venue		
A	01- 60	A1: Roll No (1 – 15) A2: Roll No (16 – 30) A3: Roll No (31 – 45) A4: Roll No (46 – 60)	Dr. Tayyaba Qureshi (Assistant Professor)	New Lecture Hall Complex 02	A	01-70	A1: Roll No (1 – 14) A2: Roll No (15 – 28) A3: Roll No (29 – 42) A4: Roll No (43 – 56) A5: Roll No (57 – 70)	Dr. Aneela Yasmeen (APWMO)	Physiology Lecture Hall 5	Dr. Uzma Zafar (APWMO)	Basement Lecture Hall No. 2		
B	61-120	B1: Roll No (61 – 75) B2: Roll No (76 – 90) B3: Roll No (91 – 105) B4: Roll No (06 – 120)	Dr. Sumyyia Bashir (Assistant Professor)	New Lecture Hall Complex 3	B	71-140	B1: Roll No (71 – 84) B2: Roll No (85 – 98) B3: Roll No (99 – 112) B4: Roll No (113 – 126) B5: Roll No (127 – 140)	Dr. Shazia Nosheen (APWMO)	Physiology Lecture Hall 5	Dr. Rahat (APWMO)	Basement Lecture Hall No. 2		
C	121-180	C1: Roll No (121 – 135) C2: Roll No (136 – 150) C3: Roll No (151 – 165) C4: Roll No (166 – 180)	Dr. Zeneara Saqib (Demonstrator)	New Lecture Hall Complex 04	C	141-210	C1: Roll No (141 – 154) C2: Roll No (155 – 168) C3: Roll No (169 – 182) C4: Roll No (183 – 196) C5: Roll No (197 – 210)	Dr. Fahd Anwar (Demonstrator)	Physiology Lecture Hall 5	Dr. Almas (APWMO)	Basement Lecture Hall No. 2		
D	181- 240	D1: Roll No (181 – 195) D2: Roll No (196 - 210) D3: Roll No (211 – 225) D4: Roll No (226 – 240)	Dr. Qurat ul Ain (Senior. Demonstrator)	New Lecture Hall Complex 01	D	211-280	D1: Roll No (211 – 224) D2: Roll No (225 – 238) D3: Roll No (239 – 252) D4: Roll No (253 – 266) D5: Roll No (267 – 280)	Dr. Jawad (Demonstrator)	Physiology Lecture Hall 5	Dr. Sana Latif (Senior Demonstrator)	Basement Lecture Hall No. 2		
E	241- 300	E1: Roll No (241 – 255) E2: Roll No (256 – 270) E3: Roll No (271 – 285) E4: Roll No (286 – 300)	Dr. Sajjad Hussain (Senior. Demonstrator)	Anatomy Lecture Hall 04	E	281- onwards	E1: Roll No (281 – 294) E2: Roll No (295 – 308) E3: Roll No (309 – 322) E4: Roll No (323 – 336) E5: Roll No (337 – onwards)	Dr. Fareed (Demonstrator)	Physiology Lecture Hall 5	Dr. Romessa (Demonstrator)	Basement Lecture Hall No. 2		
F	301- onwards	F1: Roll No (301 – 315) F2: Roll No 316 – 330) F3: Roll No 331 – 345) F4: Roll No (346 – onwards)	Dr. Ali Raza (Senior. Demonstrator)	Anatomy Lecture Hall 03									
Supervised by Prof. Dr. Ayesha Yousaf					Supervised by Prof. Dr. Samia Sarwar							Supervised by. Dr. Aneela Jamil	

Time Table for GIT Module - I (Fourth Week)

(17-03-2025 to 22-03-2025)

Date/Day	8:00am-9:20am	9:20am – 10:10am		10:10am – 10:30am	10:30am-11:10am		11:10am-11:50am		11:50am –01:00pm	Home Assignments(2hrs)
17-03-2025 Monday	Practical &CBL/SGD Topic & Venue Mentioned at The End	PHYSIOLOGY LGIS		Break	ANATOMY LGIS		JOINT SESSION		SSDL	SDL Physiology Physiology of Liver / Gall Bladder, Liver and Biliary Secretion
		Motor function of large gut, defecation reflex and pathophysiology (diarrhea, constipation, ulcerative colitis, mega colon and carcinoma of colon)	Intestinal secretion and its functions, pancreatic juice, its composition and functions, pancreatitis, overall mechanism of digestion and absorption of intestine (amino acids, fatty acids and glucose)		Histology Of Small Intestine	Development Of Small Intestine	Peptic Ulcer		Spleen	
		Dr Shazia (Even)	Dr Sidra Hamid (Odd)		Asst. Prof. Dr. Maria (Even)	Prof. Dr. Ifra (Odd)	Dr. Jawad (Even)	Dr. Farah (Even)		
18-03-2025 Tuesday	Practical &CBL/SGD Topic & Venue Mentioned at The End	BIOCHEMISTRY LGIS			RESEARCH-III		PHYSIOLOGY SDL-III		SSDL	SDL Physiology LFTs, Jaundice
		Bile & Pancreatic Juice	LFT’s Jaundice		Scales of Data Measurement		Small intestine motility and malabsorption (sprue, paralytic ileus and Crohn’s disease)		Pancreas	
		Dr. Almas (Even)	Dr. Nayab (Odd)		Dr. Rizwana Shahid (Even)	Dr. Asif (Odd)	Dr Nazia (Even)	Dr. Fareed (Odd)		
19-03-2025 Wednesday	Practical &CBL/SGD Topic & Venue Mentioned at The End	FAMILY MEDICINE LGIS			PHYSIOLOGY SDL-IV		ANATOMY LGIS		CBL	SDL Biochemistry Individual Sugars
		Common Abdominal diseases			Intestinal secretion and its functions, pancreatic juice, its composition and functions		Development of Large Intestine	Histology of Large Intestine I	Large intestine CBL- Acute Appendicitis	
		Dr. Sana Latif (Even)	Dr. Sidra Hamid (Odd)		Dr. Jawad(Even)	Dr. Farah (Odd)	Prof. Dr. Ifra (Even)	Prof Dr. Saima (Odd)		
20-03-2025 Thursday	Practical &CBL/SGD Topic & Venue Mentioned at The End	BIOCHEMISTRY LGIS			ANATOMY LGIS		RESEARCH-IV		DISSECTION/ SGD	SDL Anatomy Liver Biopsy, Liver Abscess and hepatitis
		Nutrition-I	GIT Hormones & Succusentericus	Histology of Large Intestine-I	Development of Large Intestine	Measures of central tendency		Vasculature of GIT (Blood Supply, Venous drainage, Lymphatic drainage)		
		Dr. Rahat (Even)	Dr. Almas (Odd)	Prof Dr. Saima (Even)	Prof. Dr. Ifra (Odd)	Dr. Rizwana Shahid (Even)	Dr. Asif (Odd)			
21-03-2025 Friday	8:00am -- 9: 20am		9:20am - 10:00am		10:00-11:00am		11:00-12:00pm		SDL Applied Anatomy of Vasculature of GIT (Blood Supply, Venous drainage,	
	SURGERY		BEHAVIORAL SCIENCES		PAK STUDIES		ISLAMIYAT			
	Gall Stones		Learning		4) Establishment of an Islamic state		3) Risalat Related Quranic Verses & Their Explanation			
	Dr. Faiza (Odd)	Dr. Asad Amir (Even)	Dr. Sara Afzal (Odd)	Dr. Mehboob Ali Shah (Even)	Qari Aman Ullah		Mufti Naeem Sherazi			
22-03-2025 Saturday	Practical &CBL/SGD Topic & Venue Mentioned at The End	Early Clinical Exposure (ECE)								SDL Biochemistry Clinical Aspects Of Digestive Juices

Table No. 1 (Time: 08:00am – 09:20am)																
Batch Distribution for Practical Skills (all subjects) CBL / Small Group Discussion (Biochemistry and Physiology) Sr. No Batch Roll No. 1. A 01-70 2. B 71-140 3. C 141-210 4. D 211-280 5. E 281-onwards			Topics for Skill Lab with Venue		Schedule for Practical											
			• Histology of Small Intestine (Anatomy Histology Practical) Venue-Histology laboratory- Dr Sadia Baqir • Estimation of ALT & ALP (wheat) (Biochemistry Practical) Venue-Biochemistry laboratory • Examination of Deep reflexes (Physiology Practical) Venue – Physiology Lab	Day	Histology Practical		Biochemistry Practical		Physiology Practical	Physiology SGD	Biochemistry SGD					
					Batch	Teacher Name	Batch	Teacher Name			Batch	Teacher Name				
				Monday	C	Supervised by HOD	B	Dr. Rahat	Supervised by HOD		E	Dr. Fareed	A	Dr. Aneela	D	Dr. Uzma
				Tuesday	D		C	Dr. Romessa			A	Dr. Aneela	B	Dr. Shazia	E	Dr. Almas
				Wednesday	E		D	Dr. Uzma			B	Dr. Shazia	C	Dr. Fahd Anwar	A	Dr. Sana Latif
Thursday	B	A	Dr. Sana Latif	D	Dr. Jawad		E	Dr. Fareed		C	Dr. Romessa					
Saturday	A	E	Dr. Romessa	C	Dr. Fahd Anwar	D	Dr. Jawad	B	Dr. Rahat							
		Topics for SGDs / CBL with Venue														
		• Physiology SGD: Physiology of liver and gall bladder, liver and biliary secretion (Venue: Lecture Hall No 5) • Biochemistry SGD: Jaundice & LFTs (Venue: Lecture Hall No 2) • Anatomy CBL: Acute Appendicitis														

Table No. 2 Batch Distribution with Venues and Teachers Name for Problem Based Learning (PBL) Sessions									
Sr No.	Batches	Roll No	Venue	Teachers	Sr No.	Batches	Roll No	Venue	Teachers
1.	A1	(01-35)	Lecture Hall no.05 Physiology	Dr. Romessa (Demonstrator Biochemistry)	6.	C2	(176-210)	New Lecture Hall Complex Lecture Theater # 01	Dr. Nazia (Demonstrator Physiology)
2.	A2	(36-70)	Lecture Hall #.04 (1st Floor Anatomy)	Dr. Farah Ali Shah (Demonstrator Physiology)	7.	D1	(210-245)	New Lecture Hall Complex Lecture Theater # 04	Dr. Jawad (Demonstrator Physiology)
3.	B1	(71-105)	Anatomy Museum (First Floor Anatomy)	Dr. Almas Aijaz (APWMO Biochemistry)	8.	D2	(246-280)	New Lecture Hall Complex Lecture Theater # 04	Dr. Minhail Haq (Senior Demonstrator Anatomy)
4.	B2	(106-140)	Lecture Hall no.03 (First Floor)	Dr. Sadia Baqir (Senior Demonstrator Anatomy)	9.	E1	(281-315)	Anatomy Museum (First Floor Anatomy)	Dr. Rahat (APWMO Biochemistry)
5.	C1	(141-175)	New Lecture Hall Complex Lecture Theater # 01	Dr. Ali Zain (PGT Physiology)	10	E2	(315 onwards)	Lecture Hall no.04 (Basement)	Dr. Afsheen (PGT Physiology)

		Table No. 3 Venues for Large Group Interactive Session (LGIS)	
Odd Roll Numbers		New Lecture Hall Complex Lecture Theater # 01	
Even Roll Number		New Lecture Hall Complex Lecture Theater # 04	

Table No. 4 Batch Distribution and Venues for Anatomy Small Group Discussion SGDs / Dissections					Table No. 5 Batch Distribution and Venues for Physiology & Biochemistry Small Group Discussion SGDs								
Batches	Roll No	Subgroup	Anatomy Teacher	Venue	Batches	Roll No	Subgroup	Physiology Teacher	Physiology Venue	Biochemistry Teacher	Biochemistry Venue		
A	01- 60	A1: Roll No (1 – 15) A2: Roll No (16 – 30) A3: Roll No (31 – 45) A4: Roll No (46 – 60)	Dr. Tayyaba Qureshi (Assistant Professor)	New Lecture Hall Complex 02	A	01-70	A1: Roll No (1 – 14) A2: Roll No (15 – 28) A3: Roll No (29 – 42) A4: Roll No (43 – 56) A5: Roll No (57 – 70)	Dr. Aneela Yasmeen (APWMO)	Physiology Lecture Hall 5	Dr. Uzma Zafar (APWMO)	Basement Lecture Hall No. 2		
B	61-120	B1: Roll No (61 – 75) B2: Roll No (76 – 90) B3: Roll No (91 – 105) B4: Roll No (06 – 120)	Dr. Sumyyia Bashir (Assistant Professor)	New Lecture Hall Complex 3	B	71-140	B1: Roll No (71 – 84) B2: Roll No (85 – 98) B3: Roll No (99 – 112) B4: Roll No (113 – 126) B5: Roll No (127 – 140)	Dr. Shazia Nosheen (APWMO)	Physiology Lecture Hall 5	Dr. Rahat (APWMO)	Basement Lecture Hall No. 2		
C	121-180	C1: Roll No (121 – 135) C2: Roll No (136 – 150) C3: Roll No (151 – 165) C4: Roll No (166 – 180)	Dr. Zeneara Saqib (Demonstrator)	New Lecture Hall Complex 04	C	141-210	C1: Roll No (141 – 154) C2: Roll No (155 – 168) C3: Roll No (169 – 182) C4: Roll No (183 – 196) C5: Roll No (197 – 210)	Dr. Fahd Anwar (Demonstrator)	Physiology Lecture Hall 5	Dr. Almas (APWMO)	Basement Lecture Hall No. 2		
D	181- 240	D1: Roll No (181 – 195) D2: Roll No (196 - 210) D3: Roll No (211 – 225) D4: Roll No (226 – 240)	Dr. Qurat ul Ain (Senior. Demonstrator)	New Lecture Hall Complex 01	D	211-280	D1: Roll No (211 – 224) D2: Roll No (225 – 238) D3: Roll No (239 – 252) D4: Roll No (253 – 266) D5: Roll No (267 – 280)	Dr. Jawad (Demonstrator)	Physiology Lecture Hall 5	Dr. Sana Latif (Senior Demonstrator)	Basement Lecture Hall No. 2		
E	241- 300	E1: Roll No (241 – 255) E2: Roll No (256 – 270) E3: Roll No (271 – 285) E4: Roll No (286 – 300)	Dr. Sajjad Hussain (Senior. Demonstrator)	Anatomy Lecture Hall 04	E	281- onwards	E1: Roll No (281 – 294) E2: Roll No (295 – 308) E3: Roll No (309 – 322) E4: Roll No (323 – 336) E5: Roll No (337 – onwards)	Dr. Fareed (Demonstrator)	Physiology Lecture Hall 5	Dr. Romessa (Demonstrator)	Basement Lecture Hall No. 2		
F	301- onwards	F1: Roll No (301 – 315) F2: Roll No 316 – 330) F3: Roll No 331 – 345) F4: Roll No (346 – onwards)	Dr. Ali Raza (Senior. Demonstrator)	Anatomy Lecture Hall 03									
Supervised by Prof. Dr. Ayesha Yousaf					Supervised by Prof. Dr. Samia Sarwar							Supervised by. Dr. Aneela Jamil	

Time Table for GIT Module - I (Fifth Week)

(24-03-2025 To 29-03-2025)

Date/Day	8:00am-9:20am		9:20am – 10:10am		10:10am – 10:30am	10:30am-11:10am		11:10am-11:50am		11:50am – 01:00pm		Home Assignments(2hrs)
24-03-2025 Monday	Practical &CBL/SGD Topic & Venue Mentioned at The End		PHYSIOLOGY SDL-V		Break	MEDICINE		ANATOMY LGIS		DISSECTION/SGD		SDL Physiology Hormones of GIT
			Pancreatitis, overall mechanism of digestion and absorption of intestine (amino acids, fatty acids and glucose)			Inflammatory Bowel Diseases		Development of Body Cavities-I	Histology of Large Intestine-II	Radiological Anatomy		
			Dr. Jawad (Even)	Dr. Fareed (Odd)		Dr. Sadia (Even)	Dr. Aqsa (Odd)	Prof. Dr. Ifra Saeed (Even)	Prof. Dr. Ayesha / Asst. Prof Dr Maria (Odd)			
25-03-2025 Tuesday	Practical &CBL/SGD Topic & Venue Mentioned at The End		PHARMACOLOGY			BIOCHEMISTRY LGIS		PATHOLOGY		DISSECTION/SGD		SDL Applied Anatomy of Innervation of Abdominal Viscera’s
			Anti Diarrheal Drugs			GIT Hormones & Succusentericus	Nutrition-I	Pathologies of Intestine		Rectum		
			Dr. Zaheer (Odd)	Dr. Arsheen (Even)		Dr. Almas (Even)	Dr. Rahat (Odd)	Dr. Rabbiya (Odd)	Dr. Sara (Even)			
26-03-2025 Wednesday	Practical &CBL/SGD Topic & Venue Mentioned at The End		PHYSIOLOGY SDL-VI			ANATOMY LGIS		BIOCHEMISTRY LGIS		DISSECTION/SGD		SDL Physiology Digestion & Absorption
			Motor function of large gut, defecation reflex			Histology of Large Intestine-II	Development of Body Cavities-I	Digestion & Absorption-I	Nutrition-II	Anal canal		
			Dr. Nazia (Even)	Dr. Farah (Odd)		Prof. Dr. Ayesha / Asst. Prof Dr Maria (Even)	Prof Dr. Ifra Saeed (Odd)	Dr. Kashif (Even)	Dr. Rahat (Odd)			
27-03-2025 Thursday	Practical &CBL/SGD Topic & Venue Mentioned at The End		ANATOMY LGIS			RESEARCH V		MEDICINE LGIS		BIOCHEMISTRY LGIS		SDL Biochemistry Lipid digestion and absorption
			Development of body Cavities-II	Development of body Cavities-II		Geriatrics		State of The Art Lecture on Jaundice		Digestion and absorption-I	Nutrition-II	
			Prof. Dr. Ifra Saeed (Even)	Prof. Dr. Saima (Odd)		Dr. Asif (Even)	Dr. Rizwana Shahid (Odd)	Worthy Vice Chancellor Prof. Dr. Muhammad Umar		Dr. Kashif (Odd)	Dr. Rahat (Even)	
Date/Day	8:00am -- 9: 20am		9:20am - 10:00am		10:00-11:00am		11:00-12:00pm		SDL Biochemistry Clinical disorders related to digestion and absorption			
28-03-2025 Friday	BEHAVIORAL SCIENCES		BIOCHEMISTRY LGIS		DISSECTION/SGD		MEDICINE					
	Memory		Nutrition-III	Digestion & Absorption-II	Cross Sectional Anatomy		Peptic Ulcer Disease					
	Dr. Mehmood Ali Khan (Odd)	Dr. Azeem Rao (Even)	Dr. Rahat (Even)	Dr. Kashif (Odd)			Dr. Aqsa (Even)	Dr. Sadia (Odd)				
Date/Day	8:00am-9:20am		9:20am – 10:10am		10:10am – 10:30am	10:30am-11:10am		11:10am-11:50am		11:50am – 01:00pm		Home Assignments(2hrs)
29-03-2025 Saturday	Practical &CBL/SGD Topic & Venue Mentioned at The End		PHYSIOLOGY SDL-VII		Break	RESEARCH PRACTICAL SESSION I		BIOCHEMISTRY LGIS		DISSECTION/SGD		SDL Anatomy Hemorrhoids & Anal Fissure End Module Online Clinical Evaluation
			Pathophysiology (diarrhea, constipation, ulcerative colitis, mega colon and carcinoma of colon)	Pathophysiology (diarrhea, constipation, ulcerative colitis, mega colon and carcinoma of colon)		Synopsis wrting session		Digestion & Absorption-II	Nutrition-III	Innervation of abdominal Viscera		
			Dr. Nazia (Even)	Dr. Fareed (Odd)		Dr. Asif (Even)	Dr. Rizwana Shahid (Odd)	Dr. Kashif (Even)	Dr. Rahat (Odd)			

Table No. 1 (Time: 08:00am – 09:20am)																	
Batch Distribution for Practical Skills (all subjects) CBL / Small Group Discussion (Biochemistry and Physiology)			Topics for Skill Lab with Venue		Schedule for Practical												
					Day	Histology Practical		Biochemistry Practical			Physiology Practical		Supervised by HOD	Physiology SGD		Biochemistry SGD	
						Batch	Teacher Name	Batch	Teacher Name		Batch	Teacher Name		Batch	Teacher Name	Batch	Teacher Name
Sr. No	Batch	Roll No.			Monday	C	Supervised by HOD	B	Dr. Rahat	Supervised by HOD	E	Dr. Fareed	Supervised by HOD	A	Dr. Aneela	D	Dr. Uzma
1.	A	01-70			Tuesday	D		C	Dr. Romessa		A	Dr. Aneela		B	Dr. Shazia	E	Dr. Almas
2.	B	71-140			Wednesday	E		D	Dr. Uzma		B	Dr. Shazia		C	Dr. Fahd Anwar	A	Dr. Sana Latif
3.	C	141-210			Thursday	B		A	Dr. Sana Latif		D	Dr. Jawad		E	Dr. Fareed	C	Dr. Romessa
4.	D	211-280			Saturday	A		E	Dr. Romessa		C	Dr. Fahd Anwar		D	Dr. Jawad	B	Dr. Rahat
5.	E	281-onwards															
			Topics for SGDs / CBL with Venue														
			• Physiology CBL: Food Poisoning (Venue: Lecture Hall No 5) • Biochemistry CBL: Lactose Intolerance (Venue: Lecture Hall No 2)														

Table No. 2 Batch Distribution with Venues and Teachers Name for Problem Based Learning (PBL) Sessions									
Sr No.	Batches	Roll No	Venue	Teachers	Sr No.	Batches	Roll No	Venue	Teachers
1.	A1	(01-35)	Lecture Hall no.05 Physiology	Dr. Romessa (Demonstrator Biochemistry)	6.	C2	(176-210)	New Lecture Hall Complex Lecture Theater # 01	Dr. Nazia (Demonstrator Physiology)
2.	A2	(36-70)	Lecture Hall #.04 (1st Floor Anatomy)	Dr. Farah Ali Shah (Demonstrator Physiology)	7.	D1	(210-245)	New Lecture Hall Complex Lecture Theater # 04	Dr. Jawad (Demonstrator Physiology)
3.	B1	(71-105)	Anatomy Museum (First Floor Anatomy)	Dr. Almas Aijaz (APWMO Biochemistry)	8.	D2	(246-280)	New Lecture Hall Complex Lecture Theater # 04	Dr. Minhail Haq (Senior Demonstrator Anatomy)
4.	B2	(106-140)	Lecture Hall no.03 (First Floor)	Dr. Sadia Baqir (Senior Demonstrator Anatomy)	9.	E1	(281-315)	Anatomy Museum (First Floor Anatomy)	Dr. Rahat (APWMO Biochemistry)
5.	C1	(141-175)	New Lecture Hall Complex Lecture Theater # 01	Dr. Ali Zain (PGT Physiology)	10	E2	(315 onwards)	Lecture Hall no.04 (Basement)	Dr. Afsheen (PGT Physiology)

Table No. 3 Venues for Large Group Interactive Session (LGIS)	
Odd Roll Numbers	New Lecture Hall Complex Lecture Theater # 01
Even Roll Number	New Lecture Hall Complex Lecture Theater # 04

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Table No. 4 Batch Distribution and Venues for Anatomy Small Group Discussion SGDs / Dissections					Table No. 5 Batch Distribution and Venues for Physiology & Biochemistry Small Group Discussion SGDs								
Batches	Roll No	Subgroup	Anatomy Teacher	Venue	Batches	Roll No	Subgroup	Physiology Teacher	Physiology Venue	Biochemistry Teacher	Biochemistry Venue		
A	01- 60	A1: Roll No (1 – 15) A2: Roll No (16 – 30) A3: Roll No (31 – 45) A4: Roll No (46 – 60)	Dr. Tayyaba Qureshi (Assistant Professor)	New Lecture Hall Complex 02	A	01-70	A1: Roll No (1 – 14) A2: Roll No (15 – 28) A3: Roll No (29 – 42) A4: Roll No (43 – 56) A5: Roll No (57 – 70)	Dr. Aneela Yasmeen (APWMO)	Physiology Lecture Hall 5	Dr. Uzma Zafar (APWMO)	Basement Lecture Hall No. 2		
B	61-120	B1: Roll No (61 – 75) B2: Roll No (76 – 90) B3: Roll No (91 – 105) B4: Roll No (06 – 120)	Dr. Sumyyia Bashir (Assistant Professor)	New Lecture Hall Complex 3	B	71-140	B1: Roll No (71 – 84) B2: Roll No (85 – 98) B3: Roll No (99 – 112) B4: Roll No (113 – 126) B5: Roll No (127 – 140)	Dr. Shazia Nosheen (APWMO)	Physiology Lecture Hall 5	Dr. Rahat (APWMO)	Basement Lecture Hall No. 2		
C	121-180	C1: Roll No (121 – 135) C2: Roll No (136 – 150) C3: Roll No (151 – 165) C4: Roll No (166 – 180)	Dr. Zeneara Saqib (Demonstrator)	New Lecture Hall Complex 04	C	141-210	C1: Roll No (141 – 154) C2: Roll No (155 – 168) C3: Roll No (169 – 182) C4: Roll No (183 – 196) C5: Roll No (197 – 210)	Dr. Fahd Anwar (Demonstrator)	Physiology Lecture Hall 5	Dr. Almas (APWMO)	Basement Lecture Hall No. 2		
D	181- 240	D1: Roll No (181 – 195) D2: Roll No (196 - 210) D3: Roll No (211 – 225) D4: Roll No (226 – 240)	Dr. Qurat ul Ain (Senior. Demonstrator)	New Lecture Hall Complex 01	D	211-280	D1: Roll No (211 – 224) D2: Roll No (225 – 238) D3: Roll No (239 – 252) D4: Roll No (253 – 266) D5: Roll No (267 – 280)	Dr. Jawad (Demonstrator)	Physiology Lecture Hall 5	Dr. Sana Latif (Senior Demonstrator)	Basement Lecture Hall No. 2		
E	241- 300	E1: Roll No (241 – 255) E2: Roll No (256 – 270) E3: Roll No (271 – 285) E4: Roll No (286 – 300)	Dr. Sajjad Hussain (Senior. Demonstrator)	Anatomy Lecture Hall 04	E	281- onwards	E1: Roll No (281 – 294) E2: Roll No (295 – 308) E3: Roll No (309 – 322) E4: Roll No (323 – 336) E5: Roll No (337 – onwards)	Dr. Fareed (Demonstrator)	Physiology Lecture Hall 5	Dr. Romessa (Demonstrator)	Basement Lecture Hall No. 2		
F	301- onwards	F1: Roll No (301 – 315) F2: Roll No 316 – 330) F3: Roll No 331 – 345) F4: Roll No (346 – onwards)	Dr. Ali Raza (Senior. Demonstrator)	Anatomy Lecture Hall 03									
Supervised by Prof. Dr. Ayesha Yousaf					Supervised by Prof. Dr. Samia Sarwar							Supervised by. Dr. Aneela Jamil	

Tentative Schedule for LMS Based Weekly Online Assessments for Second Year MBBS (GIT Module - I) Batch 51

The Online Assessment for GIT Module - I for Second Year MBBS will be as per following schedule:

Class	Module	Day & Date	Time of Assessment	Focal person	Department Responsible
Second Year MBBS	GIT Module - I	Monday 03 rd March, 2025	4:00 pm-4:30pm	Prof. Dr Ayesha Yousaf	Anatomy
		Tuesday 04 th March, 2025	4:00 pm-4:30pm	Prof. Dr Samia Sarwar	Physiology
		Wednesday 05 th March, 2025	4:00 pm-4:30pm	Dr Aneela Jamil	Biochemistry
		Monday 10 th March, 2025	4:00 pm-4:30pm	Prof. Dr Ayesha Yousaf	Anatomy
		Tuesday 11 th March, 2025	4:00 pm-4:30pm	Prof. Dr Samia Sarwar	Physiology
		Wednesday 12 th March, 2025	4:00 pm-4:30pm	Dr Aneela Jamil	Biochemistry
		Monday 17 th March, 2025	4:00 pm-4:30pm	Prof. Dr Ayesha Yousaf	Anatomy
		Tuesday 18 th March, 2025	4:00 pm-4:30pm	Prof. Dr Samia Sarwar	Physiology
		Wednesday 19 th March, 2025	4:00 pm-4:30pm	Dr Aneela Jamil	Biochemistry

*Note: All dates are subject to change.

Time Table for GIT Module - I (Sixth Week)
(14-04-2025 TO 19-04-2025)

Date / Days	Tentative Exam Discipline Details
14-04-2025 Monday	Assessment Week
15-04-2025 Tuesday	
16-04-2025 Wednesday	
17-04-2025 Thursday	
18-04-2025 Friday	
19-04-2025 Saturday	

Note: Detailed notice regarding content, time and venue will be issued accordingly

Note: Timetable and dates of end of module assessment are subject to change according to the Eid & Spring vacations.

Note: OSPE will be conducted in block exam.

SECTION VIII

Table of Specification (TOS) For GIT Module - I Examination for Second Year MBBS

Domains: C-Core Subject (70%) Levels C1-C2, HV- Horizontal & Vertical Integration (20%) Levels C2-C3, S- Spiral Integration (10%) Levels C2-C3																																			
End of Module Assessment	Subject	Theory (Cognitive) Assessment																		Practical (Skill & Attitude) Assessment										Grand Total	Total Time of Module Assessment				
		MCQs					EMQs			SAQs					SEQs					Marks	Total Marks Theory	Total Time	AV OSPE					Time	AED Reflective Writing			OSVE			Total Practical Marks
		C	HV	S	Total	Marks	C	Total	Marks	C	HV	S	Total	Marks	C	HV	S	Total	C				HV	S	Total	Marks	Viva					Copy	Total		
First Module	Anatomy	19	4	2	25	25	1	1	5	3	1	1	5	25	3	1	1	5	45	100	2 HRS	7	2	1	10	50	50 min	15 min	45	5	50	100	200	6 HRS	
	Physiology	19	4	2	25	25	1	1	5	3	1	1	5	25	3	1	1	5	45	100	2 HRS	7	2	1	10	50	50 min	15 min	45	5	50	100	200	6 HRS	
	Biochemistry	19	4	2	25	25	1	1	5	3	1	1	5	25	3	1	1	5	45	100	2 HRS	7	2	1	10	50	50 min	15 min	45	5	50	100	200	6 HRS	
Formative- Weekly LMS Based Assessment of 30 MCQs (10 MCQs per Subject)																																			
End of Module Assessment	Subject	Theory (Cognitive) Assessment																		Practical (Skill & Attitude) Assessment										Grand Total	Total Time of Module Assessment				
		MCQs					EMQs			SAQs					SEQs					Marks	Total Marks Theory	Total Time	AV OSPE					Time	AED Reflective Writing			OSVE			Total Practical Marks
		C	HV	S	Total	Marks	C	Total	Marks	C	HV	S	Total	Marks	C	HV	S	Total	C				HV	S	Total	Marks	Viva					Copy	Total		
Second Module	Anatomy	19	4	2	25	25	1	1	5	3	1	1	5	25	3	1	1	5	45	100	2 HRS	7	2	1	10	50	50 min	15 min	45	5	50	100	200	6 HRS	
	Physiology	19	4	2	25	25	1	1	5	3	1	1	5	25	3	1	1	5	45	100	2 HRS	7	2	1	10	50	50 min	15 min	45	5	50	100	200	6 HRS	
	Biochemistry	19	4	2	25	25	1	1	5	3	1	1	5	25	3	1	1	5	45	100	2 HRS	7	2	1	10	50	50 min	15 min	45	5	50	100	200	6 HRS	
Formative- Weekly LMS Based Assesmen tof 30 MCQs (10 MCQs per Subject)																																			

Block	Subjects	LMS Based Assessment					OSPE						Grand Total	Total Block Time
		MCQs					LabOSPE	IOSPE	COSPE	Total	Marks	Time		
		C	HV	S	Total	Time	C	HV	S	Total	Marks	Time		
BLOCK	Anatomy	21	6	3	30	30 min	14	4	2	20	60	6 HRS	90	10 HRS
	Physiology	21	6	3	30	30 min	14	4	2	20	60	6 HRS	90	10 HRS
	Biochemistry	21	6	3	30	30 min	14	4	2	20	60	6 HRS	90	10 HRS

50% Questions/OSPE Stations/Viva Stations will be from Foundation Module and 50% Questions will be from MSK-1 Module

For Each assessment student will have to individually pass Theory and Practical components

Marks per Item	MCQ=1	EMQ= 5	SAQ= 5	SEQ= 9	AVOSPE= 5	OSPE= 3
OSPE Time=1 Round of 40 Students =80 min						
3 Round of 40 Students =240 min						
OSVE=Time per student=5mins						

Weekly LMS Assessment			
Subjects	Anatomy	Physiology	Biochemistry
No of MCQs*	30	30	30
Marks/MCQ	30	30	30
*MCQ=1 Mark each, 1 min each			

Annexure I

Templates for Thoery Paper

• MCQ, SEQ Paper, & EMQ

Templates for AV OSPE

Templates for Structured Viva

Rawalpindi Medical University Rawalpindi
Department of Anatomy, Physiology & Biochemistry
MCQs & EMQ Paper for _____ Module, Second Year MBBS Batch 51
Date: 00-00-0000

Total Marks: 30 (MCQs: 25, EMQ: 5)

Roll No. _____

Total Time: 30 Minutes

Name. _____

Each MCQ carries 1 mark and EMQ carries 5 marks

Encircle the single best response

Q.#	Integrated & Clinically Oriented Assessment of the Subject Anatomy, Physiology & Biochemistry Section A: Core Knowledge of Anatomy / Physiology / Biochemistry (70%)	Level of Cognition
1.	Question a. b. c. d. e. USMLE: Type Question Reference: Ganong 25 th Edition Page No. 101	C1
Section – B: Integrations (30%)		
Horizontal Integration Anatomy / Physiology / Biochemistry (5%)		
2.	Horizontal Integration with Anatomy (2.5%) Questions a. b. c. d. e. USMLE: Type Question Reference: Ganong 25 th Edition Page No. 101	C1
Vertical Integration with Medicine / Surgery / Gynae Obs etc (15%)		
3.	Question a. b. c. d. e. USMLE: Type Question Reference: Ganong 25 th Edition Page No. 101	C3

Spiral Integration (10%)		
Medical Bioethics		
4.	Question a. b. c. d. e. USMLE: Type Question Reference: Ganong 25 th Edition Page No. 101	C2
Family Medicine		
5.	Question a. b. c. d. e. USMLE: Type Question Reference: Ganong 25 th Edition Page No. 101	

Rawalpindi Medical University Rawalpindi
Department of Anatomy, Physiology & Biochemistry
SEQ & SAQ Paper for _____ Module, _____ Year MBBS Batch _____
Date: 00-00-0000

Total Marks: 70

Each SAQ carries 5 marks

Each SEQ carries 9 marks

Time allowed: 1 hour & 30 minutes

Each SAQ: 5 minutes, SEQ: 10 minutes

Attempt all Questions

Integrated & Clinically Oriented Assessment of the Subject of Anatomy, Physiology & Biochemistry					
Domain		Percentage			
• Core Knowledge (CK) of Anatomy/Physiology Biochemistry		(70%)			
• Integration		(30%)			
○ Horizontal Integration (HI)		(05%)			
○ Vertical Integration (VI)		(15%)			
○ Spiral Integration (SI)		(10%)			
Q.#	Construct your Answers according to the given Scenarios and Questions	Domain	Marks	% Weightage	Level of Cognition
Short Answer Questions (SAQs) Total Marks: 25 (Each SAQ carries marks)					
SAQ 1	A 55 years Male, known case of Coronary Artery Disease, presented to.....	CK & VI	.....	.....	.....
	a.	CK	2	8%	C2
	b.	CK	2	12%	C2
	c.	CK	2	8%	C2
	d.	CK	2	12%	C2

	e. USMLE Question. References: Part a: Guyton & Hall 14 th Edition page # 114 Part b: Guyton & Hall 14 th Edition Page # 116	CK	1	8%	C2
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Q.#	Construct your Answers according to the given Scenarios and Questions	Domain	Marks	% Weightage	Level of Cognition
Short Essay Question (SEQs) Total Marks: 45					
SEQ 1	A 55 years Male, Known case of Coronary Artery Disease, presented to.....	CK & VI	.....	.....	.....
	a.	HI with Anatomy	2	6.66%	C2
	b.	CK	3	6.66%	C2
	c.	CK	2	6.66%	C2
	d.	CK	1	6.66%	C2
	e. USMLE Style Question. References: - Part a: Guyton & Hall 14th Edition page # 101 - Part b: Guyton & Hall 14th Edition Page # 103 - Part c: Guyton & Hall 14th Edition Page # 103	CK	1	6.66%	C2

Rawalpindi Medical University Rawalpindi
Department of Anatomy / Physiology / Biochemistry
Clinically Oriented Audio Visual Objective Structured Practical Examination (OSPE)
_____ **Module 2025**

_____ **Year MBBS (Batch _____)**

Day: _____

Date: _____

10 AV OSPE Slides

Time Allowed: 50 minutes

05 minutes for each slide

Chairperson

Department of _____
Rawalpindi Medical University, Rawalpindi

Additional Director Assessment

Rawalpindi Medical University
Rawalpindi

Director DME

Rawalpindi Medical University
Rawalpindi

Vice Chancellor

Rawalpindi Medical University
Rawalpindi

Slide 1

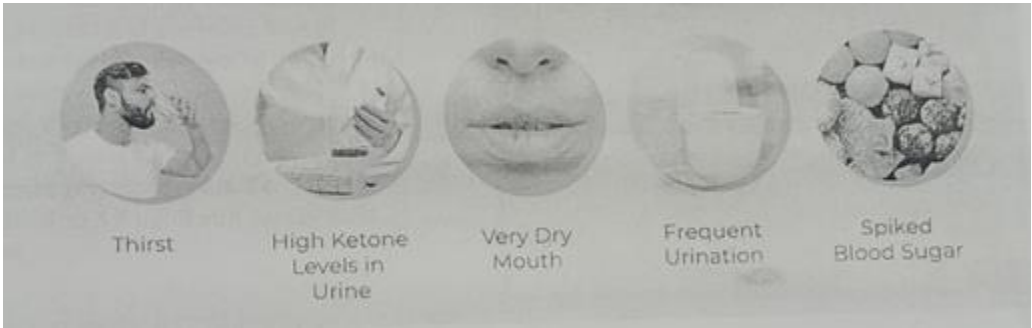
Core Knowledge with Horizontal / Vertical / Spiral Integration

Topic:

Teaching Strategy:

Requirements: Answer sheet, Pen

Objective: _____



- | | |
|---------|------|
| 1. | (01) |
| 2. | (01) |
| 3. | (01) |
| 4. | (01) |
| 5. | (01) |

Slide 1

Key for Examiner

- | |
|---------|
| 1. |
| 2. |
| 3. |
| 4. |
| 5. |

Department of Anatomy
GIT Module - I (Structured Viva)

Date: Time: 8:00-2:00pm Roll no: 181 onwards

P: Punctuality, D: Dressing, C: Communication

Roll No.	Anterolateral abdominal wall & clinicals 2 marks	Oral cavity 1 mark	Inguinal canal, Testis and scrotum & clinicals 3 marks	Peritoneum & clinicals 5 marks	Esophagus, Stomach & Spleen 4 marks	Small & Large intestine & clinicals 7 marks	Liver, Pancreas, Gall bladder & clinicals 6 marks	Vasculature & Innervation of GIT 9 marks	Rectum & Anal Canal & clinicals 8 marks	Surface marking (Skill) 3 marks	Soft tissue spotting (Skill) 7 marks	Gross sketch copy (Skill) 2 marks	Professionalism (PDC)* 3 marks	Total marks 60

Examiner _____
Sign _____
Stamp _____

*Objective Structured Practical Examination (OSPE) will be held in end of block assessment.

Department of Physiology
GIT Module - I (Structured Viva)

MODULE: _____ DATE: _____ TEACHER NAME: _____ SIGNATURE: _____

Sr. No.	Roll No.	Students Name	Definition/ Enlist/Enumerate Q=1 C1 (5Marks)	Physiological/ Pathophysiological Mechanism Q=2 C2 (8 Marks)	Related Diseases/ Diagnostic Parameters/ Management / Treatment Guidelines Q=3 C3 (6 Marks)	Additional Domains of knowledge to be Assessed • Family Medicine • Preventive Medicine • Artificial Intelligence) • Counseling • Prevention • Social Impact • Psychosocial impact • Community Implication • Prevalence / algorithms C1/C2/C3 (2 Marks)	Professionalism & Behavior Components; • Appropriate dressing & white coat • College ID cardwith picture • Behavior • Level of Confidence/ Non verbal Body language • Communication Skills • Language of Communication • Volume of voice • Clarity & fluency of speech • Understanding of questions • Prioritizing the answers A3 (4 Marks)	Total marks obtained out of 25

*Objective Structured Practical Examination (OSPE) will be held in end of block assessment.

Department of Biochemistry
GIT Module - I (Structured Viva)

Date:

Time:

Teacher's Name

Roll No.	Classification / Definition/ Enumerate (C1) (05 Marks)	Metabolic role/ Mechanism of action/ Physiological mechanism (C2) (08 Marks)	Related clinical disorders/ Pathogenesis (C3) (07 Marks)	Additional domains of Knowledge to be assessed Family Medicine, Artificial Intelligence, Ethics and Research (C1, C2, C3) (03 Marks)	Professionalism & Behavior (A3) (02 Marks)	Total marks (25)

***Objective Structured Practical Examination (OSPE) will be held in end of block assessment.**

Rawalpindi Medical University
2nd Year MBBS Model MCQS (USMLE Format)

1. A 28-year-old female presents to the emergency department with acute abdominal pain localized to the upper left quadrant, along with nausea and vomiting. The patient reports having had intermittent episodes of indigestion over the past several months. On physical examination, she is afebrile, and vital signs are stable. Abdominal examination reveals mild tenderness in the epigastric region. Imaging studies reveal a small cystic structure behind the stomach. Which of the following developmental processes is most likely responsible for the formation of this structure? A) Left subclavian lymph nodes B) Internal thoracic (mammary) lymph nodes C) Left axillary lymph nodes D) Right axillary lymph nodes E) Left supraclavicular lymph nodes	Anatomy
2. A 45-year-old male presents to the clinic with complaints of frequent and urgent bowel movements after meals, particularly after eating large meals. He reports feeling the need to have a bowel movement within 30 minutes of eating, especially after a heavy lunch. The patient is otherwise healthy, and no other gastrointestinal symptoms such as pain or bloating are present. Upon further questioning, the patient mentions that he has noticed this pattern for the past few months, which tends to occur more frequently when he consumes large meals. Which of the following reflexes is most likely responsible for initiating the mass movements observed in this patient? A) Cristae B) Mitochondrial matrix C) Outer membrane D) Inner membrane E) Outer chamber	Physiology
3. A 7-year-old boy with a history of frequent hypoglycemic episodes presents to the clinic. His mother reports that he often experiences severe low blood sugar, particularly after periods of fasting or prolonged physical activity. His laboratory results show a marked increase in liver size (hepatomegaly), but no significant muscle weakness. Genetic testing confirms a diagnosis of von Gierke's disease (Type I glycogen storage disease), a disorder affecting glycogen metabolism. Which of the following statements about glycogen metabolism is most accurate in the context of this disease? A) Transfers information from DNA to ribosomes B) Transfers information from mRNA to cytosol C) Transfers amino acids from cytosol to ribosomes D) Transfers proteins from cytosol to ribosomes E) Transfers proteins from ribosomes to the Golgi apparatus	Biochemistry
4. A 60-year-old patient is diagnosed with a chronic condition and given several treatment options, each with varying degrees of risk and benefit. The patient carefully considers the options and decides to pursue a less invasive treatment, despite the doctor's recommendation for a more aggressive approach. The doctor provides all the necessary information, ensuring the patient understands the potential outcomes and respects their decision. A) Beneficence B) Justice C) Autonomy D) Non-maleficence E) Paternalism	Spiral Courses
	Bioethics

Rawalpindi Medical University
2nd Year MBBS Model EMQ

1. A 3-year-old child presents to the pediatric clinic with a noticeable bulge near the belly button. The bulge becomes more prominent when the child cries or coughs and appears to reduce in size when the child is lying down. The child has no associated pain, vomiting, or changes in bowel movements. Upon examination, a soft, non-tender mass is noted at the umbilicus, which is easily reducible.

Options for Questions:

- A. Congenital defect in the closure of the umbilical ring
- B. Increased intra-abdominal pressure
- C. Failure of complete fusion of the fascial layers
- D. Common in premature infants
- E. Often self-resolves by 1-2 years of age
- F. Surgical repair is generally recommended if symptoms persist after 4-5 years of age

Questions:

- 1. What is the most likely cause of this child's umbilical hernia?
- 2. Which factor is most associated with the increased occurrence of umbilical hernia in infants?
- 3. What is the usual course of management for most cases of umbilical hernia in infants?
- 4. At what age would surgical intervention be typically considered for an umbilical hernia if it does not resolve spontaneously?
- 5. Which of the following is a contributing factor to the development of an umbilical hernia in this patient?

Rawalpindi Medical University
2nd Year MBBS Model SEQs & SAQs (USMLE Format)

1. A 10-year-old boy is brought to the emergency department with a 24-hour history of lower abdominal pain, nausea, and intermittent vomiting. The pain is localized to the right lower quadrant, and the patient has had mild fever. There is no history of recent trauma. His past medical history is unremarkable. Physical examination reveals tenderness in the right lower quadrant, but no signs of peritonitis. Blood tests show mild leukocytosis. An ultrasound is inconclusive, so a CT scan is performed, revealing a small diverticulum located 70 cm from the ileocecal valve, - What is the most likely diagnosis in this patient based on the imaging findings? (1) - What embryological abnormality leads to the formation of Meckel's diverticulum? (1) - What is the most common complication of Meckel's diverticulum? (1) - How does Meckel's diverticulum typically present in children? (1) - What is the treatment of choice for symptomatic Meckel's diverticulum? (1)	Anatomy
1. A 5-year-old child visits an amusement park and enjoys several rides. After taking a rotatory ride, the child suddenly complains of nausea, vomiting, and a sensation of spinning (vertigo). The child is visibly uncomfortable and has difficulty standing due to dizziness. The child's vital signs are stable, and there is no history of any previous medical conditions. The parents are concerned, as they have never seen this happen before, and bring the child to the clinic. - What is the most likely cause of the child's symptoms following the rotatory ride? - What physiological process explains the development of nausea and vertigo in this case? - How does the inner ear contribute to balance, and what part is most likely involved in this scenario? - What are some common treatments or interventions to help alleviate symptoms of motion sickness in children? - What other conditions could present similarly to motion sickness and should be considered in the differential diagnosis?	Physiology
2. A 32-year-old male presents to the clinic with complaints of heartburn, acid reflux, and occasional stomach discomfort. He reports that these symptoms worsen after eating spicy or fatty foods and when lying down. Upon further questioning, the patient admits to a history of alcohol consumption and high-stress levels. His physical examination reveals mild tenderness in the epigastric region. Based on the symptoms and history, the physician suspects gastroesophageal reflux disease (GERD). The doctor explains to the patient the role of gastric juice in digestion and how excessive secretion or improper regulation can contribute to the development of GERD. - What are the main components of gastric juice? - What role does hydrochloric acid (HCl) play in the stomach's digestive process? - How does pepsin function in the stomach, and what is its role in digestion? - What is the role of intrinsic factor in gastric juice, and why is it important? - How can an imbalance in gastric juice secretion contribute to conditions like GERD?	Biochemistry

Rawalpindi Medical University
2nd Year MBBS Model AV OSPE

Slide 1 / Video

Core Knowledge with Horizontal / Vertical / Spiral Integration

Topic: Erbs Palsy

Teaching Strategy: Small Group Discussion

Requirements: Answer sheet, Pen

Objective: To Assess the Knowledge of Students Regarding Nerves Injuries in Upper Limb



1. Name the clinical condition shown in video / slide? (01)
2. What is the primary cause of this clinical condition? (01)
3. What are the key features observed in the prenatal ultrasound of a fetus in above condition? (01)
4. Which clinical sign is often associated with this condition in newborns? (01)
5. What are the potential complications of this condition after birth? (01)

Integrated Clinically Oriented Modular Curriculum for Second Year MBBS

Renal Module-I Time Table

Second Year MBBS

Session - 2025

Batch- 51

Renal Module-I Team

Module Name : Renal Module-I
 Duration of module : 05 Weeks
 Coordinator : Dr. Sheena Tariq
 Co-coordinator : Dr. Jawad Hassan
 Reviewed by : Module Committee

Module Committee			Module Task Force Team	
1.	Vice Chancellor RMU	Prof. Dr. Muhammad Umar	1.	Coordinator Dr. Sheena Tariq (Senior Demonstrator of Physiology)
2.	Director DME	Prof. Dr. Ifra Saeed	2.	DME Focal Person Dr. Farzana Fatima
3.	Convener Curriculum	Prof. Dr. Naeem Akhter	3.	Co-coordinator Dr. Tariq Furqan (Senior Demonstrator of Anatomy)
4.	Chairperson Anatomy & Dean Basic Sciences	Prof. Dr. Ayesha Yousaf	4.	Co-Coordinator Dr. Sana Latif (Senior Demonstrator of Biochemistry)
5.	Additional Director (Assessment) DME	Dr. Arsalan Manzoor Mughal	5.	Co-coordinator Dr. Jawad Hassan (Senior Demonstrator of Physiology)
6.	Chairperson Physiology	Prof. Dr. Samia Sarwar	DME Implementation Team	
7.	Chairperson Biochemistry	Dr. Aneela Jamil		
8.	Focal Person Anatomy Second Year MBBS	Dr. Maria Tasleem	1.	Director DME Prof. Dr. Ifra Saeed
9.	Focal Person Physiology	Dr. Sidra Hamid	2.	Implementation Incharge 1st & 2 nd Year MBBS Dr. Arsalan Manzoor Mughal Dr. Farzana Fatima
10.	Focal Person Biochemistry	Dr. Aneela Jamil	3.	Assistant Director DME Dr. Farzana Fatima
11.	Focal Person Pharmacology	Dr. Zunera Hakim	4.	Editor Muhammad Arslan Aslam
12.	Focal Person Pathology	Dr. Asiya Niazi		
13.	Focal Person Behavioral Sciences	Dr. Saadia Yasir		
14.	Focal Person Community Medicine	Dr. Afifa Kulsoom		
15.	Focal Person Quran Translation Lectures	Dr. Uzma Zafar		
16.	Focal Person Family Medicine	Dr. Sadia Khan		

Discipline Wise Details of Modular Content

Integration Themes					
Block	Module	Embryology	Histology	Gross Anatomy	
IV	Anatomy	Embryology - Kidney - Ureter - Urinary Bladder - Urethra	Histology - Kidney - Ureter - Urinary Bladder	Posterior Abdominal Wall & Organs of Urinary System	
	Biochemistry	- Amino Acid Pool Protein Turn Over Nitrogen Balance & transport of Amino Acid, - Urea Cycle & Disorder - Amino Acid Metabolism - Ammonia Toxicity - Acid Base in Balance - Serum Electrolyte			
	Physiology	- Body Fluid Compartments, Volume & osmolarity of ECF NICF - Physiology of Renal System, GFR - Regulation of GFR & RBF - Tubular Reabsorbtion & Scretion - Micturition Reflex & Abnomalities - Acid base balance			
	Spiral Courses				
	Islamiyat	- The literal and civic meaning of Prophethood and the need for Prophethood - The meaning of the Akharat, its necessity, and wisdom - Aqida Akhirat, its meaning, necessity, and wisdom			
	Pak Studies	- The Objectives and Goals of the Creation of Pakistan - Nazria e Pakistan or Quid e Azam - The foundation of the Muslim community			
	Research Club Activity (1-4)	- Synopsis Writing - Questionnaire Development - Data Analysis - Manuscript Writing			

	• Family Medicine	• Renal Failure
	Vertical Integration	
	• Radiology	• Prenatal Ultrasonography • Contrast Nephropathy
	• Behavioral Sciences	• Perception • Thinking and Motivation
	• Medicine	• Acute renal failure • CRF & Rehabilitation of patient with CRF • Potassium imbalance and its management
	• Surgery	• Investigations of urinary tract • Hydronephrosis / Pyonephrosis
	• Obstetrics & Gynecology	• Physiological Changes in the Renal System in Pregnancy & UTI
	• Pharmacology	• Introduction to diuretics
	• Peads	• UTI
	• Joint Session	• Nephrotic Syndrome (Peads, Medicine, Anatomy, Physiology & Biochemistry)
	Early Clinical Exposure (ECE)	
	• Clinical Rotations	• Cases of Renal failure • Dialysis • Renal Transplant • Ultrasound of Kidney • Plain X-Ray • KUB Nephrotic Syndrome

Categorization of Modular Content of Anatomy

Category A*	Category B**	Category C				
Special Embryology	Special Histology	Demonstrations / SGD	CBL	Practical's	SSDL	Self-Directed Learning (SDL)
- Development of Kidney & Ureter - Development of Urinary Bladder & urethra	- Histology of Kidney-I - Histology of Kidney-II - Histology of Urinary Bladder - Histology of Ureter & Urethra	- Fascia & Muscles of Posterior Abdominal Wall - Nerves of Posterior Abdominal Wall - Vessels of Posterior Abdominal Wall - Lumbar Vertebra - Kidney & Ureter - Suprarenal Gland - Urethra - Radiology & Surface Marking	- Renal failure - Uretric stones	- Kidney - Ureter - Urinary Bladder	- Vessels of Posterior Abdominal Wall - Lumbar Vertebra - Urinary Bladder - Spotting	- Psoas Abcess - Ureteric Stones - Hydroureter - Atonic Bladder - Adrenogenital Syndrome - Vertebral Venous Plexus - Listhesis

Category A*: By Professors

Category B**: By Associate & Assistant Professors

Category C***: By Senior Demonstrators & Demonstrators

Teaching Staff / Human Resource of Department of Anatomy

Sr. #	Designation of Teaching Staff / Human Resource	Total number of teaching staff
1.	Professor of Anatomy department	01
3.	Assistant professor of Anatomy department (AP)	01
4.	Demonstrators of Anatomy department	04

Contact Hours (Faculty)

Sr. #	Hours Calculation for Various Type of Teaching Strategies	Total Hours
1.	Large Group Interactive Session (LGIS)	$2 * 05 = 10$ hours
2.	Small Group Discussions (SGD)	$1.5 * 7 = 10.5$ hours
4.	Practical / Skill Lab	$1.5 * 15 = 22.5$ hours

Contact Hours (Students)

Sr. #	Hours Calculation for Various Type of Teaching Strategies	Total Hours
1.	Large Group Interactive Session (LGIS)	$1 * 5 = 05$ hours
2.	Small Group Discussions (SGD)	$1.5 * 7 = 10.5$ hours
4.	Practical / Skill Lab	$1.5 * 3 = 4.5$ hours
5.	Self-Directed Learning (SDL)	$1 * 7 = 7$ hours

Categorization of Modular Content of Physiology

Category A*	Category B**	Category C***				
LGIS	LGIS	PBL	CBL	Practical's	SGD	SDL
Regulation of GFR & RBF – I, (Determinants of GFR and RBF (Prof Dr Samia Sarwar/Dr. Faizania))	Excretion of dilute urine (Dr. Sidra)		Accute Glomerular Nephritis	Estimation of specific gravity of urine Examination of 9th, 10th, 11th & 12th cranial nerves Examination of 5 th cranial nerves	Formation of dilute & concentrated urine Acid base balance. Volume & osmolarity of ECF & ICF, Abnormalities of fluid volume & regulation (first week, 16-03-2023)	Body fluid compartments, Volume & osmolarity of ECF & ICF. Physiology of Renal system, Glomerular filtration rate Abnormalities of fluid volume & regulation, Edema A. Regulation of GFR & RBF-I (Determinants of GFR & RBF) B. Regulation of GFR & RBF-II, Physiological control of GFR and RBF, Autoregulation of GFR and RBF/Macula densa feedback mechanism Tubular reabsorption & secretion along various parts of nephrons Regulation of tubular reabsorption A. Clearance methods to quantify kidney function B. Micturition reflex & Abnormalities of micturition
Regulation of GFR & RBF – II, Physiological control of GFR and RBF and Autoregulation of GFR and RBF/ macula densa feedback mechanism (Prof Dr Samia Sarwar/Dr. Faizania)	Excretion of concentrated urine (counter current multiplier) (Dr. Sidra)					
Physiology of Renal system and Glomerular filtration rate (Dr. Faizania)	Excretion of concentrated urine (counter current exchanger) (Dr. Sidra)					
Tubular reabsorption & secretion along various parts of nephrons (Dr. Faizania)	Introduction to physiology of acid base balance & buffer systems, Respiratory and renal regulation of acid base balance (Dr. Sidra)					
Regulation of tubular reabsorption (Dr. Faizania)	Acid base disorders (Dr. Sidra)					
Clearance methods to quantify kidney function (Dr. Faizania)	Body fluid compartments, Volume & osmolarity of ECF & ICF (Dr. Sheena)					
Micturition reflex & Abnormalities of micturition (Dr. Faizania)	Abnormalities of fluid volume & regulation, Edema (Dr. Sheena)					
	Control of ECF osmolarity (Dr. Sheena)					
	Regulation of ECF K ⁺ concentration, Regulation of Ca ⁺⁺ , PO ₄ -3 & Mg ²⁺ concentration (Dr. Sheena)					
	Integration of renal mechanism for control of ECF, Nervous & hormonal factors for renal body fluid feedback control (Dr.					

	Sheena)					
	Renal failure & hemodialysis (Dr. Sheena)					

Category A*: By Professors

Category B:** By Associate & Assistant Professors

Category C*:** By Senior Demonstrators & Demonstrators

Teaching Staff / Human Resource of Department of Physiology

Sr. #	Designation of Teaching Staff / HumanResource	Total number of teaching staff
1.	Professor of physiology department	01
2.	Associate professor of physiology department	01
3.	Assistant professor of physiology department (AP)	01 (DME)
4.	Demonstrators of physiology department	07
5.	Residents of physiology department (PGTs)	08

Contact Hours (Faculty) & Contact Hours (Students)

Sr. #	Hours Calculation for Various Type of Teaching Strategies	Total Hours
1.	Large Group Interactive Session (Lectures)	2* 18 =36 hours
2.	Small Group Discussions (SGD)/CBL	1.5-hour x 14 =21 hours + 1 hour = 22 hours
3.	Problem Based Learning (PBL)	---
4.	Practical / Skill Lab	1.5-hour x 14 = 21 hours
5.	Self-Directed Learning (SDL)	1hour x 7 = 7 hours

Categorization of Modular Content of Department of Biochemistry:

Category A*	Category B**	Category C***			
LGIS	LGIS	PBL	CBL	Practical's	SGD
Amino Acid Metabolism	Ammonia Toxicity		Ammonia Toxicity	Estimation of Urea & Creatinine	Phenyl Alanine Metabolism
Acid Based imbalance	Amino Acid pool,		Metabolic Acidosis	Urine Analysis-I	Sodium & Chloride Metabolism
	Urea Cycle			Urine Analysis-II	
	Nitrogen Balance				
	Ammonia Transport				
	Serum Electrolytes				

Category A*: By Assistant Professor & Senior Demonstrators with Postgraduate Qualification

Category B:** By Senior Demonstrators

Category C*:** By Senior Demonstrators & Demonstrators

Teaching Staff / Human Resource of Department of Biochemistry

Sr. #	Designation of Teaching Staff / Human Resource	Total number of teaching staff
1	Assistant professor of biochemistry department (AP)	01
2	Demonstrators of biochemistry department	06

Contact Hours (Faculty) & Contact Hours (Students)

Sr. #	Hours Calculation for Various Type of Teaching Strategies	Total Hours (Faculty)	Total Hours (student)
1.	Large Group Interactive Session (Lectures)	10 * 2 = 20 hours	10
2.	Small Group Discussions (SGD)	6 * 5 = 30 hours	06
4.	Practical / Skill Lab	6 * 5 = 30 hours	06
5.	Self-Directed Learning (SDL)	1 * 4 = 4 hours	04

Time Table for Renal Module-I (First Week)
(21-04-2025 To 26-04-2025)

Date/Day	8:00am-9:20am		9:20am – 10:10am		10:10am – 10:30am	10:30am-11:20am		11:20am-12:10pm		12:10pm-12:30pm	12:30pm – 2:00pm	Home Assignments	
21-04-2025 Monday	Practical &CBL/SGD Topics & venue mentioned at the end. Batches, Teachers & Venue Mentioned in Table No. 1		PHYSIOLOGY (LGIS)		Break	ANATOMY (LGIS)		BIOCHEMISTRY (LGIS)		Break	DISSECTION/SGD	SDL Physiology Body fluid compartments& Edema	
			Body fluid compartments Volume & Osmolarity of ECF & ICF	Physiology of Renal system, Glomerular filtration rate		Embryology	Histology	Amino Acids Pool, Protein Turnover, Nitrogen balance & Chemical Reaction of Amino Acids	Glycine Phenylalanine & Tryosine Metabolism		Fascia, Muscles and Nerves of Posterior Abdominal wall		
			Dr. Sheena (Even)	Dr. Faizania (Odd)		Development of kidney & Ureter	kidney I	Dr. Aneela / Dr. Uzma (Even)	Dr. Kashif Rauf (Odd)				
22-04-2025 Tuesday	Practical &CBL/SGD Topics & venue mentioned at the end. Batches, Teachers & Venue Mentioned in Table No. 1		PHYSIOLOGY (LGIS)			ANATOMY (LGIS)		BIOCHEMISTRY (LGIS)			Break	DISSECTION/SGD	SDL Physiology
			Physiology of Renal system, Glomerular filtration rate	Body fluid compartments Volume & Osmolarity of ECF & ICF		Histology	Embryology	Glycine Phenylalanine & Tryosine Metabolism	Amino Acids Pool, Protein Turnover, Nitrogen balance & Chemical Reaction of Amino Acids			Vessels of Posterior Abdominal Wall Lumbar Vertebra	Volume & osmolarity of ECF& ICF, Abnormalities of fluid volume & regulation
			Dr. Faizania (Even)	Dr. Sheena (Odd)		Kidney-I	Development of kidney & Ureter	Dr. Kashif Rauf (Even)	Dr. Aneela / Dr. Uzma (Odd)				
			23-04-2025 Wednesday	Practical &CBL/SGD Topics & venue mentioned at the end. Batches, Teachers & Venue Mentioned in Table No. 1		PHYSIOLOGY (LGIS)		ANATOMY (LGIS)				BIOCHEMISTRY (LGIS)		RESEARCH CLUB ACTIVITY- 1	SDL Biochemistry
Abnormalities of fluid volume & regulation Edema	Regulation GFR & RBF-I (Determinats of GFR & RBF)	Histology				Embryology	Urea cycle & its Disorders	Glutamine, Histidine, Threonine & Polyamines Metabolism	Synopsis Writing			Clinical Disorders Related to Phenylalanine & Tyrosine	
Dr. Sheena (Even)	Prof. Dr. Samia Sarwar / Dr. Aneela (Odd)	Development of urinary bladder and urethra				kidney II	Dr. Aneela / Dr. Uzma (Even)	Dr. Kashif Rauf (Odd)					
24-04-2025 Thursday	Practical &CBL/SGD Topics & venue mentioned at the end. Batches, Teachers & Venue Mentioned in Table No. 1					PHYSIOLOGY (LGIS)		RADIOLOGY			BIOCHEMISTRY (LGIS)		DISSECTION/CBL	SDL Biochemistry
			Regulation GFR & RBF-I (Determinats of GFR & RBF)	Abnormalities of fluid volume & regulation Edema		Prenatal Ultrasonography		Glutamine, Histidine, Threonine & Polyamines	Urea cycle & its Disorders		Kidney	Clinical Disorders of Ammonia Metabolism	
			Prof. Dr. Samia Sarwar / Dr. Aneela (Even)	Dr. Sheena (Odd)		Dr. Anika (Odd)	Dr. Madiha (Even)	Dr. Kashif (Even)	Dr. Aneela /Dr. Uzma (Odd)				
Date/Day	8:00 AM – 9:00 AM		9:00 AM – 10:00AM		10:00AM – 11:00 AM		11:00AM – 12:00PM		SDL Anatomy Psoas Abcess				
25-04-2025 Friday	RADIOLOGY		PHYSIOLOGY (LGIS)		ISLAMIYAT		PAK STUDIES						
	Contrast Nephropathy		Excretion of dilute urine	Regulation of GFR & RBF-II, Physiological control of GFR and RBF, Autoregulation ofGFR and RBF	4) The literal and civic meaning of Prophethood and the need for Prophethood		5) The Objectives and Goals of the Creation of Pakistan						
	Dr- Humaira (Even)	Dr. Fizza (Odd)	Dr. Sidra Hamid (Even)	Prof. Dr. Samia Sarwar/Dr. Uzma (Odd)	Mufti Naeem Sherazi		Qari Amaan Ullah						
Date/Day	8:00am-9:20am		9:20am – 10:10am		10:10am – 10:30am	10:30am-11:20am		11:20am-12:10pm		12:10pm-12:30pm	12:30pm – 2:00pm	Home Assignments	
26-04-2025 Saturday	Practical &CBL/SGD Topics & venue mentioned at the end. Batches, Teachers & Venue Mentioned in Table No. 1		PHYSIOLOGY (LGIS)		Break	PBL 1 (SESSION-I)		BEHAVIORAL SCIENCES		Break	DISSECTION/CBL	SDL Anatomy Radiological Identification	
			Regulation of GFR & RBF-II, Physiological control of GFR and RBF, Autoregulation of GFR and RBF	Excretion of dilute urine		PBL Team		Perception			Ureter		
			Prof. Dr. Samia Sarwar/Dr. Uzma (Even)	Dr. Sidra Hamid (Odd)				Dr. Sidra Yasir (Even)	Dr. Zona (Odd)				

Table No. 1 (Time: 08:00am – 09:20am)

Batch Distribution for Practical Skills (all subjects) CBL / Small Group Discussion(Biochemistry and Physiology)			Topics for Skill Lab with Venue	Schedule for Practical														
				Day	Histology Practical		Biochemistry Practical		Physiology Practical		Physiology SGD	Biochemistry SGD						
Sr. No	Batch	Roll No.			Batch	Teacher Name	Batch	Teacher Name	Batch	Teacher Name		Batch	Teacher Name					
1.	A	01-70	- Histology of Kidney (Anatomy/ Histology-practical) venue Histology Laboratory-Dr. Sadia Baqir - Serum estimation of Urea & Creatinine (Biochemistry practical) venue- Biochemistry Laboratory - Estimation of specific gravity of urine (Physiology –practical) Physiology Laboratory	Monday	C	Supervised by HOD	B	Dr. Rahat	Supervised by HOD	E	Dr. Fareed	Supervised by HOD	A	Dr. Aneela	D	Dr. Uzma		
2.	B	71-140		Tuesday	D		C	Dr. Almas		A	Dr. Aneela		B	Dr. Shazia	B	Dr. Shazia	E	Dr. Romessa
3.	C	141-210		Wednesday	E		D	Dr. Uzma		B	Dr. Shazia		C	Dr. Fahd Anwar	A	Dr. Sana Latif		
4.	D	211-280		Thursday	B		A	Dr. Sana Latif		D	Dr. Jawad		E	Dr. Fareed	C	Dr. Almas		
5.	E	281-onwards		Saturday	A		E	Dr. Romessa		C	Dr. Fahd Anwar		D	Dr. Jawad	B	Dr. Rahat		
			Topics for SGDs / CBL with Venue															
			- Biochemistry SGDs: Phenyl Alanine Metabolism (Venue: Lecture Hall No 2) - Physiology CBL-Body Fluid Compartment & Edema (Venue: Lecture Hall No 5) - Anatomy CBL- Renal Failure															

Table No. 2 Batch Distribution with Venues and Teachers Name for Problem Based Learning (PBL) Sessions

Sr No.	Batches	Roll No	Venue	Teachers	Sr No.	Batches	Roll No	Venue	Teachers
1.	A1	(01-35)	Lecture Hall no.05 Physiology	Dr. Romessa (Demonstrator Biochemistry)	6.	C2	(176-210)	New Lecture Hall Complex Lecture Theater # 01	Dr. Nazia (Demonstrator Physiology)
2.	A2	(36-70)	Lecture Hall #.04 (1st Floor Anatomy)	Dr. Farah Ali Shah (Demonstrator Physiology)	7.	D1	(210-245)	New Lecture Hall Complex Lecture Theater # 04	Dr. Mahnoor (PGT Physiology)
3.	B1	(71-105)	Anatomy Museum (First Floor Anatomy)	Dr. Almas Aijaz (APWMO Biochemistry)	8.	D2	(246-280)	New Lecture Hall Complex Lecture Theater # 04	Dr. Minahil Haq (Senior Demonstrator Anatomy)
4.	B2	(106-140)	Lecture Hall no.03 (First Floor)	Dr. Sadia Baqir (APWMO Anatomy)	9.	E1	(281-315)	Anatomy Museum (First Floor Anatomy)	Dr. Rahat (APWMO Biochemistry)
5.	C1	(141-175)	New Lecture Hall Complex Lecture Theater # 01	Dr. Ali Zain (PGT Physiology)	10	E2	(315 onwards)	Lecture Hall no.04 (Basement)	Dr. Afsheen (PGT Physiology)

Table No. 3 Venues for Large Group Interactive Session (LGIS)

Odd Roll Numbers	New Lecture Hall Complex Lecture Theater # 01
Even Roll Number	New Lecture Hall Complex Lecture Theater # 04

Table No. 4 Batch Distribution and Venues for Anatomy Small Group Discussion SGDs / Dissections					Table No. 5 Batch Distribution and Venues for Physiology & Biochemistry Small Group Discussion SGDs								
Batches	Roll No	Subgroup	Anatomy Teacher	Venue	Batches	Roll No	Subgroup	Physiology Teacher	Physiology Venue	Biochemistry Teacher	Biochemistry Venue		
A	01- 60	A1: Roll No (1 – 15) A2: Roll No (16 – 30) A3: Roll No (31 – 45) A4: Roll No (46 – 60)	Dr. Sara bano (Assistant Professor)	New Lecture Hall Complex 01	A	01-70	A1: Roll No (1 – 14) A2: Roll No (15 – 28) A3: Roll No (29 – 42) A4: Roll No (43 – 56) A5: Roll No (57 – 70)	Dr. Aneela Yasmeen (APWMO)	Physiology Lecture Hall 5	Dr. Uzma Zafar (APWMO)	Basement Lecture Hall No. 2		
B	61-120	B1: Roll No (61 – 75) B2: Roll No (76 – 90) B3: Roll No (91 – 105) B4: Roll No (06 – 120)	Dr. Sadia Aman (Assistant Professor)	New Lecture Hall Complex 02	B	71-140	B1: Roll No (71 – 84) B2: Roll No (85 – 98) B3: Roll No (99 – 112) B4: Roll No (113 – 126) B5: Roll No (127 – 140)	Dr. Shazia Nosheen (APWMO)	Physiology Lecture Hall 5	Dr. Rahat (APWMO)	Basement Lecture Hall No. 2		
C	121-180	C1: Roll No (121 – 135) C2: Roll No (136 – 150) C3: Roll No (151 – 165) C4: Roll No (166 – 180)	Dr. Minahil Haq (Senior. Demonstrator)	New Lecture Hall Complex 04	C	141-210	C1: Roll No (141 – 154) C2: Roll No (155 – 168) C3: Roll No (169 – 182) C4: Roll No (183 – 196) C5: Roll No (197 – 210)	Dr. Fahd Anwar (Demonstrator)	Physiology Lecture Hall 5	Dr. Almas (APWMO)	Basement Lecture Hall No. 2		
D	181- 240	D1: Roll No (181 – 195) D2: Roll No (196 - 210) D3: Roll No (211 – 225) D4: Roll No (226 – 240)	Dr. Tariq Furqan (Senior. Demonstrator)	Anatomy Lecture Hall 04	D	211-280	D1: Roll No (211 – 224) D2: Roll No (225 – 238) D3: Roll No (239 – 252) D4: Roll No (253 – 266) D5: Roll No (267 – 280)	Dr. Jawad (Demonstrator)	Physiology Lecture Hall 5	Dr. Sana Latif (Senior Demonstrator)	Basement Lecture Hall No. 2		
E	241- 300	E1: Roll No (241 – 255) E2: Roll No (256 – 270) E3: Roll No (271 – 285) E4: Roll No (286 – 300)	Dr. Sana Sameen (PGT Anatomy)	Anatomy Lecture Hall 03	E	281- onwards	E1: Roll No (281 – 294) E2: Roll No (295 – 308) E3: Roll No (309 – 322) E4: Roll No (323 – 336) E5: Roll No (337 – onwards)	Dr. Fareed (Demonstrator)	Physiology Lecture Hall 5	Dr. Romessa (Demonstrator)	Basement Lecture Hall No. 2		
F	301- onwards	F1: Roll No (301 – 315) F2: Roll No 316 – 330) F3: Roll No 331 – 345) F4: Roll No (346 – onwards)	Dr. Maryam Sohail (PGT Anatomy)	New Lecture Hall Complex 3									
Supervised by Prof. Dr. Ayesha Yousaf					Supervised by Prof. Dr. Samia Sarwar							Supervised by. Dr. Aneela Jamil	

Student Sports Week	28th April – 03rd May 2025
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Time Table for Renal Module-I (Second Week)
(05-05-2025 To 10-05-2025)

Date/Day	8:00am-9:20am	9:20am – 10:10am		10:10am – 10:30am	10:30am-11:20am		11:20am-12:10pm		12:10pm-12:30pm	12:30pm – 2:00pm	Home Assignments		
05-05-2025 Monday	Practical &CBL/SGD Topics & venue mentioned at the end. Batches, Teachers & Venue Mentioned in Table No. 1	PHYSIOLOGY (LGIS)		Break	ANATOMY (LGIS)		BIOCHEMISTRY (LGIS)		Break	RESEARCH CLUB ACTIVITY- 2	SDL Physiology Physiology of Renal system		
		Excretion of Concentrated urine (Counter Current Multiplier)	Tubular Reabsorbtion & Scretion along Various parts of nephron		Histology	Embryology	Ammonia Toxicity	Arginine & Branched Chain Amino Acid Metabolism		Questionnaire Development			
		kidney II	Development of urinary bladder and urethra		Dr. Aneela / Dr. Uzma (Even)	Dr. Kashif Rauf (Odd)				Dr. Farah (Even)			
Ass. Prof. Dr. Maria (Even)	Prof. Dr. Ifra (Odd)	Dr. Aneela / Dr. Uzma (Even)	Dr. Kashif Rauf (Odd)		Dr. Qudoos (Odd)								
06-05-2025 Tuesday	Practical &CBL/SGD Topics & venue mentioned at the end. Batches, Teachers & Venue Mentioned in Table No. 1	PHYSIOLOGY (LGIS)			BEHAVIORAL SCIENCES	BIOCHEMISTRY (LGIS)		RESEARCH CLUB ACTIVITY- 3		SDI Physiology Excretion of Concentrated & Diluted urine			
		Tubular Reabsorbtion & Scretion along Various parts of nephron	Excretion of Concentrated urine (Counter Current Multiplier)		Thinking and Motivation	Arginine & Branched Chain Amino Acid Metabolism	Ammonia Toxicity	Data Analysis					
		Dr. Faizania (Even)	Dr. Sidra Hamid (Odd)		Dr. Azam (Even)	Dr. Mehmood (Odd)	Dr. Kashif (Even)	Dr. Aneela / Dr. Uzma (Odd)			Dr. Farah (Odd)		
		07-05-2025 Wednesday	Practical &CBL/SGD Topics & venue mentioned at the end. Batches, Teachers & Venue Mentioned in Table No. 1		PHYSIOLOGY (LGIS)		MEDICINE	BIOCHEMISTRY (LGIS)			PBL 1 (SESSION-II)	SDL Biochemistry Disorders Related to Branched Chain Amino Acid Metabolism	
					Excretion of concentrated urine (Counter current exchanger)	Regulation of tubular reabsorbtion	Acute renal failure	Sodium & Chloride Metabolism			Acid Base Imbalance I		PBL Team
Dr. Sidra Hamid (Even)	/Dr. Faizania (Odd)	Dr. Saima Meer (Even)	Dr. Mudassar (Odd)		Dr. Nayab (Even)	Dr. Aneela (Odd)							
08-05-2025 Thursday	Practical &CBL/SGD Topics & venue mentioned at the end. Batches, Teachers & Venue Mentioned in Table No. 1	PHYSIOLOGY (LGIS)		SURGERY	BIOCHEMISTRY (LGIS)		DISSECTION/SGD	SDL Biochemistry Clinical Aspects of Acid Based Disorders					
		Regulation of tubular reabsorbtion	Excretion of concentrated urine (Counter current exchanger)	Investigations of urinary tract	Acid Base Imbalance I	Sodium & Chloride Metabolism	Urinary bladder						
		Dr. Faizania (Even)	Dr. Sidra Hamid (Odd)	Dr. Sarmad (Even)	Dr. Usman (Odd)	Dr. Aneela (Even)			Dr. Nayab (Odd)				
09-05-2025 Friday	8:00 AM – 9:00 AM		9:00 AM – 10:00AM		10:00AM – 11:00 AM		11:00AM – 12:00PM		SDL Anatomy Uritric Stone, Hydro Uretor,				
	MEDICINE		PHYSIOLOGY (LGIS)		PAK STUDIES		ISLAMIYAT						
	CRF & Rehabilitation of patient with CRF		Control of ECF osmolarity	Clearence Method to Quantify kidney function	6) Nazria e Pakistan or Quid e Azam		5) The meaning of the Akharat, its necessity, and wisdom						
	Dr. Saima Meer (Odd)	Dr. Mudassar (Even)	Dr. Sidra Hamid (Even)	Dr. Faizania (Odd)	Qari Amaan Ullah		Mufti Naeem Sherazi						
Date/Day	8:00am-9:20am	9:20am – 10:10am		10:10am – 10:30am	10:30am-11:20am		11:20am-12:10pm		12:10pm-12:30pm	12:30pm – 2:00pm	Home Assignments		
10-05-2025 Saturday	Practical &CBL/SGD Topics & venue mentioned at the end Batches, Teachers & Venue Mentioned in Table No. 1	PHYSIOLOGY (LGIS)		Break	ANATOMY		SURGERY		Break	DISSECTION/SGD	SDL Anatomy Atonic Bladder, Supra Pubic Puncture Land Mark Mid Module Online Cllinical Evaluation		
		Clearence Method to Quantify kidney function	Control of ECF osmolarity		Histology	Histology	Hydronephrosis / Pyonephrosis	Suprarenal Gland & Urethra					
		Dr. Faizania (Even)	Dr. Sidra Hamid Odd)		Ureter, Bladder & Urethra	Ureter, Bladder & Urethra							
					Prof. Dr. Ifra (Even)	Prof. Dr. Ayesha /Asst. Prof. Dr. Maria (Odd)	Dr. Usman (Even)	Dr. Sarmad (Odd)					

Table No. 1 (Time: 08:00am – 09:20am)

Batch Distribution for Practical Skills (all subjects) CBL / Small Group Discussion(Biochemistry and Physiology)			Topics for Skill Lab with Venue	Schedule for Practical														
				Day	Histology Practical		Biochemistry Practical		Physiology Practical		Physiology SGD	Biochemistry SGD						
Sr. No	Batch	Roll No.			Batch	Teacher Name	Batch	Teacher Name	Batch	Teacher Name		Batch	Teacher Name	Batch	Teacher Name			
1.	A	01-70	• Histology of Ureter (Anatomy/ Histology-practical) venue Histology Laboratory-Dr. Tariq Furqan • Urine Analysis -I (Biochemistry practical) venue- Biochemistry Laboratory • Examination of 5th Cranial Nerve (Physiology –practical) Physiology Laboratory	Monday	C	Supervised by HOD	B	Dr. Rahat	Supervised by HOD	E	Dr. Fareed	Supervised by HOD	A	Dr. Aneela	D	Dr. Uzma		
2.	B	71-140		Tuesday	D		C	Dr. Almas		A	Dr. Aneela		B	Dr. Shazia	B	Dr. Shazia	E	Dr. Romessa
3.	C	141-210		Wednesday	E		D	Dr. Uzma		D	Dr. Jawad		C	Dr. Fahd Anwar	C	Dr. Sana Latif	E	Dr. Almas
4.	D	211-280		Thursday	B		A	Dr. Sana Latif		E	Dr. Romessa		D	Dr. Jawad	B	Dr. Rahat		
5.	E	281-onwards		Saturday	A													
			Topics for SGDs / CBL with Venue															
			• Biochemistry CBL: Ammonia Toxicity (Venue: Lecture Hall No 2) • Physiology CBL- GFR & Auto regulation (Venue: Lecture Hall No 5) • Anatomy CBL- Kidney Failure, Ureteric Stone															

Table No. 2 Batch Distribution with Venues and Teachers Name for Problem Based Learning (PBL) Sessions

Sr No.	Batches	Roll No	Venue	Teachers	Sr No.	Batches	Roll No	Venue	Teachers
1.	A1	(01-35)	Lecture Hall no.05 Physiology	Dr. Romessa (Demonstrator Biochemistry)	6.	C2	(176-210)	New Lecture Hall Complex Lecture Theater # 01	Dr. Nazia (Demonstrator Physiology)
2.	A2	(36-70)	Lecture Hall #.04 (1st Floor Anatomy)	Dr. Farah Ali Shah (Demonstrator Physiology)	7.	D1	(210-245)	New Lecture Hall Complex Lecture Theater # 04	Dr. Mahnoor (PGT Physiology)
3.	B1	(71-105)	Anatomy Museum (First Floor Anatomy)	Dr. Almas Aijaz (APWMO Biochemistry)	8.	D2	(246-280)	New Lecture Hall Complex Lecture Theater # 04	Dr. Minahil Haq (Senior Demonstrator Anatomy)
4.	B2	(106-140)	Lecture Hall no.03 (First Floor)	Dr. Sadia Baqir (APWMO Anatomy)	9.	E1	(281-315)	Anatomy Museum (First Floor Anatomy)	Dr. Rahat (APWMO Biochemistry)
5.	C1	(141-175)	New Lecture Hall Complex Lecture Theater # 01	Dr. Ali Zain (PGT Physiology)	10	E2	(315 onwards)	Lecture Hall no.04 (Basement)	Dr. Afsheen (PGT Physiology)

Table No. 3 Venues for Large Group Interactive Session (LGIS)

Odd Roll Numbers	New Lecture Hall Complex Lecture Theater # 01
Even Roll Number	New Lecture Hall Complex Lecture Theater # 04

Table No. 4 Batch Distribution and Venues for Anatomy Small Group Discussion SGDs / Dissections					Table No. 5 Batch Distribution and Venues for Physiology & Biochemistry Small Group Discussion SGDs								
Batches	Roll No	Subgroup	Anatomy Teacher	Venue	Batches	Roll No	Subgroup	Physiology Teacher	Physiology Venue	Biochemistry Teacher	Biochemistry Venue		
A	01- 60	A1: Roll No (1 – 15) A2: Roll No (16 – 30) A3: Roll No (31 – 45) A4: Roll No (46 – 60)	Dr. Sara bano (Assistant Professor)	New Lecture Hall Complex 01	A	01-70	A1: Roll No (1 – 14) A2: Roll No (15 – 28) A3: Roll No (29 – 42) A4: Roll No (43 – 56) A5: Roll No (57 – 70)	Dr. Aneela Yasmeen (APWMO)	Physiology Lecture Hall 5	Dr. Uzma Zafar (APWMO)	Basement Lecture Hall No. 2		
B	61-120	B1: Roll No (61 – 75) B2: Roll No (76 – 90) B3: Roll No (91 – 105) B4: Roll No (06 – 120)	Dr. Sadia Aman (Assistant Professor)	New Lecture Hall Complex 02	B	71-140	B1: Roll No (71 – 84) B2: Roll No (85 – 98) B3: Roll No (99 – 112) B4: Roll No (113 – 126) B5: Roll No (127 – 140)	Dr. Shazia Nosheen (APWMO)	Physiology Lecture Hall 5	Dr. Rahat (APWMO)	Basement Lecture Hall No. 2		
C	121-180	C1: Roll No (121 – 135) C2: Roll No (136 – 150) C3: Roll No (151 – 165) C4: Roll No (166 – 180)	Dr. Minahil Haq (Senior. Demonstrator)	New Lecture Hall Complex 04	C	141-210	C1: Roll No (141 – 154) C2: Roll No (155 – 168) C3: Roll No (169 – 182) C4: Roll No (183 – 196) C5: Roll No (197 – 210)	Dr. Fahd Anwar (Demonstrator)	Physiology Lecture Hall 5	Dr. Almas (APWMO)	Basement Lecture Hall No. 2		
D	181- 240	D1: Roll No (181 – 195) D2: Roll No (196 - 210) D3: Roll No (211 – 225) D4: Roll No (226 – 240)	Dr. Tariq Furqan (Senior. Demonstrator)	Anatomy Lecture Hall 04	D	211-280	D1: Roll No (211 – 224) D2: Roll No (225 – 238) D3: Roll No (239 – 252) D4: Roll No (253 – 266) D5: Roll No (267 – 280)	Dr. Jawad (Demonstrator)	Physiology Lecture Hall 5	Dr. Sana Latif (Senior Demonstrator)	Basement Lecture Hall No. 2		
E	241- 300	E1: Roll No (241 – 255) E2: Roll No (256 – 270) E3: Roll No (271 – 285) E4: Roll No (286 – 300)	Dr. Sana Sameen (PGT Anatomy)	Anatomy Lecture Hall 03	E	281- onwards	E1: Roll No (281 – 294) E2: Roll No (295 – 308) E3: Roll No (309 – 322) E4: Roll No (323 – 336) E5: Roll No (337 – onwards)	Dr. Fareed (Demonstrator)	Physiology Lecture Hall 5	Dr. Romessa (Demonstrator)	Basement Lecture Hall No. 2		
F	301- onwards	F1: Roll No (301 – 315) F2: Roll No 316 – 330) F3: Roll No 331 – 345) F4: Roll No (346 – onwards)	Dr. Maryam Sohail (PGT Anatomy)	New Lecture Hall Complex 3									
Supervised by Prof. Dr. Ayesha Yousaf					Supervised by Prof. Dr. Samia Sarwar							Supervised by. Dr. Aneela Jamil	

Time Table for Renal Module-I (Third Week)

(12-05-2025 To 17-05-2025)

Date/Day	8:00am-9:20am	9:20am – 10:10am		10:10am – 10:30am	10:30am-11:20am		11:20am-12:10pm		12:10pm-12:30pm	12:30pm – 2:00pm		Home Assignments
12-05-2025 Monday	Practical &CBL/SGD Topics & venue mentioned at the end Batches, Teachers & Venue Mentioned in Table No. 1	PHYSIOLOGY (LGIS)		B r e a k	BIOCHEMISTRY (LGIS)		GYNAE & OBS		B r e a k	JOINT SESSION		SDL Physiology Excretion of dilute and Excretion of concentrated urine
		Regulation of ECF K ⁺ &Regulation of ECF ⁻ Ca ⁺⁺ , PO ₄ ⁻³ & Mg ⁺² concentration	Micturition Reflex & Abnormalities of Micturition		Acid Base Imbalance II	Potassium Metabolism	Physiological Changes in the Renal System in Pregnancy & UTI			Nephrotic Syndrome		
		Dr. Sheena (Even)	Dr. Faizania (Odd)		Dr. Aneela (Even)	Dr. Nayab (Odd)	Dr. Saima (Even)	Dr. Zainab (Odd)		Peads, Medicine, Anatomy, Physiology & Biochemistry		
PHYSIOLOGY (LGIS)		BIOCHEMISTRY			PHARMACOLOGY		RESEARCH CLUB ACTIVITY- 4			SDL Physiology Clearance methods to quantify kidney function.		
Micturition Reflex & Abnormalities of Micturition	Regulation of ECF K ⁺ &Regulation of ECF ⁻ Ca ⁺⁺ , PO ₄ ⁻³ & Mg ⁺² concentration	Potassium Metabolism	Acid Base Imbalance II		Introduction to diuretics		Manuscript Writing					
13-05-2025 Tuesday	Practical &CBL/SGD Topics & venue mentioned at the end Batches, Teachers & Venue Mentioned in Table No. 1	PHYSIOLOGY (LGIS)			Dr. Nayab (Even)	Dr Aneela (Odd)	Dr. Memuna (Even)	Dr. Uzma (Odd)		Dr. Khuala Noreen		SDL Biochemistry Hypo & Hypermnatremia
		Micturition Reflex & Abnormalities of Micturition	Regulation of ECF K ⁺ &Regulation of ECF ⁻ Ca ⁺⁺ , PO ₄ ⁻³ & Mg ⁺² concentration		PBL 2 (SESSION-I)		FAMILY MEDICINE			DISSECTION/SGD		
		Dr. Faizania (Even)	Dr. Sheena (Odd)		PBL Team Referred to Table No. 2		Approched to a patient with Renal Failure			Surface Marking / Radiogrph/ Cross Sectional Anatomy		
14-05-2025 Wednesday	Practical &CBL/SGD Topics & venue mentioned at the end Batches, Teachers & Venue Mentioned in Table No. 1	PHYSIOLOGY (LGIS)			PEADS		MEDICINE			PBL 2 (SESSION-II)		SDL Biochemistry Clinical Conditions related to Potassium Metabolism End of Module Online Cllinical Evaluation
		Renal Machanism for control of ECF, Nervous & hormonal factors for body Fluid	Physiology of acid base balance respiratory & renal regulation of acid base balance		UTI		Potassium imbalance and its management			PBL Team Referred to Table No. 2		
		Dr. Sheena (Even)	Dr. Sidra Hamid (Odd)		Dr. Afrah (Even)	Dr. Ayesha (Odd)	Dr. Saima Meer (Even)	Dr. Mudassar (Odd)				
15-05-2025 Thursday	Practical &CBL/SGD Topics & venue mentioned at the end Batches, Teachers & Venue Mentioned in Table No. 1	PHYSIOLOGY (LGIS)			10:00AM – 11:00 AM		11:00AM – 12:00PM		SDL Anatomy Chromafin System Adreno Genital Syndrome			
		PHYSIOLOGY (LGIS)			PHYSIOLOGY (LGIS)		ISLAMIYAT					
		Physiology of acid base balanced respiratory & renal regulation of acid base balance	Renal Machanism for control of ECF, Nervous & hormonal factors for body Fluid		Acid base disorders		Renal failure & hemodialysis Diuretics	6) Aqida Akhiraat, its meaning, necessity, and wisdom				
16-05-2025 Friday	8:00 AM – 9:00 AM PAK STUDIES 7) The foundation of the Muslim community Qari Amaan Ullah	9:00 AM – 10:00AM			10:00AM – 11:00 AM		11:00AM – 12:00PM		SDL Anatomy Vertebral Venous Plexus, Listhesis (Role of Ligaments and Paraspinal Muscles)			
		PHYSIOLOGY (LGIS)			PHYSIOLOGY (LGIS)		ISLAMIYAT					
		Renal failure & hemodialysis	Acid base disorders	Acid base disorders		Renal failure & hemodialysis Diuretics	6) Aqida Akhiraat, its meaning, necessity, and wisdom					
17-05-2025 Saturday	Practical &CBL/SGD Topics & venue mentioned at the end Batches, Teachers & Venue Mentioned in Table No. 1	9:00 AM – 10:00AM		10:00AM – 11:00 AM		11:00AM – 12:00PM		SDL Anatomy Vertebral Venous Plexus, Listhesis (Role of Ligaments and Paraspinal Muscles)				
		PHYSIOLOGY (LGIS)		PHYSIOLOGY (LGIS)		ISLAMIYAT						
		Renal failure & hemodialysis	Acid base disorders	Acid base disorders		Renal failure & hemodialysis Diuretics	6) Aqida Akhiraat, its meaning, necessity, and wisdom					

Table No. 1 (Time: 08:00am – 09:20am)																
Batch Distribution for Practical Skills (all subjects) CBL / Small Group Discussion(Biochemistry and Physiology)			Topics for Skill Lab with Venue	Schedule for Practical												
				Day	Histology Practical		Biochemistry Practical		Physiology Practical		Physiology SGD		Biochemistry SGD			
Sr. No	Batch	Roll No.			Batch	Teacher Name	Batch	Teacher Name	Batch	Teacher Name	Batch	Teacher Name	Batch	Teacher Name		
1.	A	01-70	• Histology of Kidney (Anatomy/ Histology-practical) venue Histology Laboratory-Dr. Sadia Baqir • Serum estimation of Urea & Creatinine (Biochemistry practical) venue- Biochemistry Laboratory • Estimation of specific gravity of urine (Physiology –practical) Physiology Laboratory	Monday	C	Supervised by HOD	B	Dr. Rahat	Supervised by HOD	E	Dr. Fareed	Supervised by HOD	A	Dr. Aneela	D	Dr. Uzma
2.	B	71-140		Tuesday	D		C	Dr. Almas		A	Dr. Aneela		B	Dr. Shazia	E	Dr. Romessa
3.	C	141-210		Wednesday	E		D	Dr. Uzma		B	Dr. Shazia		C	Dr. Fahd Anwar	A	Dr. Sana Latif
4.	D	211-280		Thursday	B		A	Dr. Sana Latif		D	Dr. Jawad		E	Dr. Fareed	C	Dr. Almas
5.	E	281-onwards		Saturday	A		E	Dr. Romessa		C	Dr. Fahd Anwar		D	Dr. Jawad	B	Dr. Rahat
			Topics for SGDs / CBL with Venue													
			• Biochemistry SGDs: Phenyl Alanine Metabolism (Venue: Lecture Hall No 2) • Physiology CBL-Body Fluid Compartment & Edema (Venue: Lecture Hall No 5) • Anatomy CBL- Renal Failure													
Table No. 2 Batch Distribution with Venues and Teachers Name for Problem Based Learning (PBL) Sessions																
Sr No.	Batches	Roll No	Venue	Teachers	Sr No.	Batches	Roll No	Venue	Teachers							
1.	A1	(01-35)	Lecture Hall no.05 Physiology	Dr. Romessa (Demonstrator Biochemistry)	6.	C2	(176-210)	New Lecture Hall Complex Lecture Theater # 01	Dr. Nazia (Demonstrator Physiology)							
2.	A2	(36-70)	Lecture Hall #.04 (1st Floor Anatomy)	Dr. Farah Ali Shah (Demonstrator Physiology)	7.	D1	(210-245)	New Lecture Hall Complex Lecture Theater # 04	Dr. Mahnoor (PGT Physiology)							
3.	B1	(71-105)	Anatomy Museum (First FloorAnatomy)	Dr. Almas Aijaz (APWMO Biochemistry)	8.	D2	(246-280)	New Lecture Hall Complex Lecture Theater # 04	Dr. Minahil Haq (Senior Demonstrator Anatomy)							
4.	B2	(106-140)	Lecture Hall no.03 (First Floor)	Dr. Sadia Baqir (APWMO Anatomy)	9.	E1	(281-315)	Anatomy Museum (First FloorAnatomy)	Dr. Rahat (APWMO Biochemistry)							
5.	C1	(141-175)	New Lecture Hall Complex Lecture Theater # 01	Dr. Ali Zain (PGT Physiology)	10	E2	(315 onwards)	Lecture Hall no.04 (Basement)	Dr. Afsheen (PGT Physiology)							
			Table No. 3 Venues for Large Group Interactive Session (LGIS)													
			Odd Roll Numbers	New Lecture Hall Complex Lecture Theater # 01												
			Even Roll Number	New Lecture Hall Complex Lecture Theater # 04												

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Table No. 4 Batch Distribution and Venues for Anatomy Small Group Discussion SGDs / Dissections					Table No. 5 Batch Distribution and Venues for Physiology & Biochemistry Small Group Discussion SGDs								
Batches	Roll No	Subgroup	Anatomy Teacher	Venue	Batches	Roll No	Subgroup	Physiology Teacher	Physiology Venue	Biochemistry Teacher	Biochemistry Venue		
A	01- 60	A1: Roll No (1 – 15) A2: Roll No (16 – 30) A3: Roll No (31 – 45) A4: Roll No (46 – 60)	Dr. Sara bano (Assistant Professor)	New Lecture Hall Complex 01	A	01-70	A1: Roll No (1 – 14) A2: Roll No (15 – 28) A3: Roll No (29 – 42) A4: Roll No (43 – 56) A5: Roll No (57 – 70)	Dr. Aneela Yasmeen (APWMO)	Physiology Lecture Hall 5	Dr. Uzma Zafar (APWMO)	Basement Lecture Hall No. 2		
B	61-120	B1: Roll No (61 – 75) B2: Roll No (76 – 90) B3: Roll No (91 – 105) B4: Roll No (06 – 120)	Dr. Sadia Aman (Assistant Professor)	New Lecture Hall Complex 02	B	71-140	B1: Roll No (71 – 84) B2: Roll No (85 – 98) B3: Roll No (99 – 112) B4: Roll No (113 – 126) B5: Roll No (127 – 140)	Dr. Shazia Nosheen (APWMO)	Physiology Lecture Hall 5	Dr. Rahat (APWMO)	Basement Lecture Hall No. 2		
C	121-180	C1: Roll No (121 – 135) C2: Roll No (136 – 150) C3: Roll No (151 – 165) C4: Roll No (166 – 180)	Dr. Minahil Haq (Senior. Demonstrator)	New Lecture Hall Complex 04	C	141-210	C1: Roll No (141 – 154) C2: Roll No (155 – 168) C3: Roll No (169 – 182) C4: Roll No (183 – 196) C5: Roll No (197 – 210)	Dr. Fahd Anwar (Demonstrator)	Physiology Lecture Hall 5	Dr. Almas (APWMO)	Basement Lecture Hall No. 2		
D	181- 240	D1: Roll No (181 – 195) D2: Roll No (196 - 210) D3: Roll No (211 – 225) D4: Roll No (226 – 240)	Dr. Tariq Furqan (Senior. Demonstrator)	Anatomy Lecture Hall 04	D	211-280	D1: Roll No (211 – 224) D2: Roll No (225 – 238) D3: Roll No (239 – 252) D4: Roll No (253 – 266) D5: Roll No (267 – 280)	Dr. Jawad (Demonstrator)	Physiology Lecture Hall 5	Dr. Sana Latif (Senior Demonstrator)	Basement Lecture Hall No. 2		
E	241- 300	E1: Roll No (241 – 255) E2: Roll No (256 – 270) E3: Roll No (271 – 285) E4: Roll No (286 – 300)	Dr. Sana Sameen (PGT Anatomy)	Anatomy Lecture Hall 03	E	281- onwards	E1: Roll No (281 – 294) E2: Roll No (295 – 308) E3: Roll No (309 – 322) E4: Roll No (323 – 336) E5: Roll No (337 – onwards)	Dr. Fareed (Demonstrator)	Physiology Lecture Hall 5	Dr. Romessa (Demonstrator)	Basement Lecture Hall No. 2		
F	301- onwards	F1: Roll No (301 – 315) F2: Roll No 316 – 330) F3: Roll No 331 – 345) F4: Roll No (346 – onwards)	Dr. Maryam Sohail (PGT Anatomy)	New Lecture Hall Complex 3									
Supervised by Prof. Dr. Ayesha Yousaf					Supervised by Prof. Dr. Samia Sarwar							Supervised by. Dr. Aneela Jamil	

Tentative Schedule for LMS Based Weekly Online Assessments for Second Year MBBS (Renal Module - I) Batch 51

The Online Assessment for Renal Module - I for Second Year MBBS will be as per following schedule:

Class	Module	Day & Date	Time of Assessment	Focal person	Department Responsible
Second Year MBBS	Renal Module - I	Monday 05 th May, 2025	9:00 pm - 9:30pm	Prof. Dr Ayesha Yousaf	Anatomy
		Tuesday 06 th May, 2025	9:00 pm – 9:30pm	Prof. Dr Samia Sarwar	Physiology
		Wednesday 07 th May, 2025	9:00 pm - 9:30pm	Dr Aneela Jamil	Biochemistry

*Note: All dates are subject to change.

**Tentative Date Sheet for End of Renal Module-I Assessment
(19-05-2025 To 28-05-2025)**

Date & Day	Tentative Schedule
19-05-2025 Monday	Module Assessment
20-05-2025 Tuesday	
21-05-2025 Wednesday	
22-05-2025 Thursday	Block Assessment
23-05-2025 Friday	
24-05-2025 Saturday	
26-05-2025 Monday	
27-05-2025 Tuesday	
28-05-2025 Wednesday	

Note: Timetable Subject to Change

(Logistic details of Assessments will be notified separately)

Annexure I

Templates for Thoery Paper

• **MCQ, SEQ Paper, & EMQ**

Templates for AV OSPE

Templates for Structured Viva

Note: These sample papers aim to facilitate comprehension. However, it's important to note that the content and format of actual assessment papers may differ.

Rawalpindi Medical University Rawalpindi
Department of Anatomy, Physiology & Biochemistry
MCQs & EMQ Paper for _____ Module, Second Year MBBS Batch 51
Date: 00-00-0000

Total Marks: 30 (MCQs: 25, EMQ: 5)

Roll No. _____

Total Time: 30 Minutes

Name. _____

Each MCQ carries 1 mark and EMQ carries 5 marks

Encircle the single best response

Q.#	Integrated & Clinically Oriented Assessment of the Subject Anatomy, Physiology & Biochemistry Section A: Core Knowledge of Anatomy / Physiology / Biochemistry (70%)	Level of Cognition
1.	Question a. b. c. d. e. USMLE: Type Question Reference: Ganong 25 th Edition Page No. 101	C1
Section – B: Integrations (30%)		
Horizontal Integration Anatomy / Physiology / Biochemistry (5%)		
2.	Horizontal Integration with Anatomy (2.5%) Questions a. b. c. d. e. USMLE: Type Question Reference: Ganong 25 th Edition Page No. 101	C1
Vertical Integration with Medicine / Surgery / Gynae Obs etc (15%)		
3.	Question a. b. c. d. e.	C3

	USMLE: Type Question Reference: Ganong 25 th Edition Page No. 101	
Spiral Integration (10%)		
Medical Bioethics		
4.	Question a. b. c. d. e. USMLE: Type Question Reference: Ganong 25 th Edition Page No. 101	C2
Family Medicine		
5.	Question a. b. c. d. e. USMLE: Type Question Reference: Ganong 25 th Edition Page No. 101	

Rawalpindi Medical University Rawalpindi
Department of Anatomy, Physiology & Biochemistry
SEQ & SAQ Paper for _____ Module, _____ Year MBBS Batch _____
Date: 00-00-0000

Total Marks: 70

Each SAQ carries 5 marks

Each SEQ carries 9 marks

Time allowed: 1 hour & 30 minutes

Each SAQ: 5 minutes, SEQ: 10 minutes

Attempt all Questions

Integrated & Clinically Oriented Assessment of the Subject of Anatomy, Physiology & Biochemistry					
Domain			Percentage		
• Core Knowledge (CK) of Anatomy/Physiology Biochemistry			(70%)		
• Integration			(30%)		
○ Horizontal Integration (HI)			(05%)		
○ Vertical Integration (VI)			(15%)		
○ Spiral Integration (SI)			(10%)		
Q.#	Construct your Answers according to the given Scenarios and Questions	Domain	Marks	% Weightage	Level of Cognition
Short Answer Questions (SAQs) Total Marks: 25 (Each SAQ carries marks)					
SAQ 1	A 55 years Male, known case of Coronary Artery Disease, presented to.....	CK & VI	.....	.....	.....
	a.	CK	2	8%	C2
	b.	CK	2	12%	C2
	c.	CK	2	8%	C2

	d.	CK	2	12%	C2
	e. USMLE Question. References: Part a: Guyton & Hall 14 th Edition page # 114 Part b: Guyton & Hall 14 th Edition Page # 116	CK	1	8%	C2

Q.#	Construct your Answers according to the given Scenarios and Questions	Domain	Marks	% Weightage	Level of Cognition
Short Essay Question (SEQs) Total Marks: 45					
SEQ 1	A 55 years Male, Known case of Coronary Artery Disease, presented to.....	CK & VI	.....	.....	.....
	a.	HI with Anatomy	2	6.66%	C2
	b.	CK	3	6.66%	C2
	c.	CK	2	6.66%	C2
	d.	CK	1	6.66%	C2
	e. USMLE Style Question. References: • Part a: Guyton & Hall 14 th Edition page # 101 • Part b: Guyton & Hall 14 th Edition Page # 103 • Part c: Guyton & Hall 14 th Edition Page # 103	CK	1	6.66%	C2

Rawalpindi Medical University Rawalpindi
Department of Anatomy / Physiology / Biochemistry
Clinically Oriented Audio Visual Objective Structured Practical Examination (OSPE)
_____ **Module 2025**

_____ **Year MBBS (Batch _____)**

Day: _____

Date: _____

10 AV OSPE Slides

Time Allowed: 50 minutes

05 minutes for each slide

Chairperson

Department of _____
Rawalpindi Medical University, Rawalpindi

Additional Director Assessment

Rawalpindi Medical University
Rawalpindi

Director DME

Rawalpindi Medical University
Rawalpindi

Vice Chancellor

Rawalpindi Medical University
Rawalpindi

Slide 1

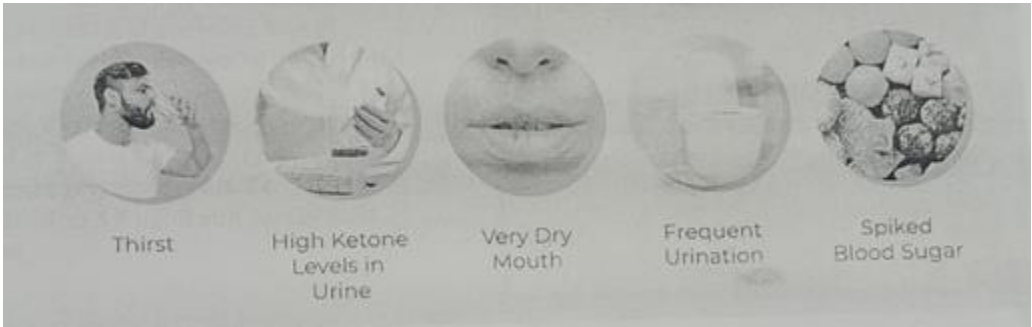
Core Knowledge with Horizontal / Vertical / Spiral Integration

Topic:

Teaching Strategy:

Requirements: Answer sheet, Pen

Objective: _____



- | | |
|---------|------|
| 1. | (01) |
| 2. | (01) |
| 3. | (01) |
| 4. | (01) |
| 5. | (01) |

Slide 1

Key for Examiner

- | |
|---------|
| 1. |
| 2. |
| 3. |
| 4. |
| 5. |

Department of Anatomy
GIT Module - I (Structured Viva)

Date: Time: 8:00-2:00pm Roll no: 181 onwards

P: Punctuality, D: Dressing, C: Communication

Roll No.	Anterolateral abdominal wall & clinicals 2 marks	Oral cavity 1 mark	Inguinal canal, Testis and scrotum & clinicals 3 marks	Peritoneum & clinicals 5 marks	Esophagus, Stomach & Spleen 4 marks	Small & Large intestine & clinicals 7 marks	Liver, Pancreas, Gall bladder & clinicals 6 marks	Vasculature & Innervation of GIT 9 marks	Rectum & Anal Canal & clinicals 8 marks	Surface marking (Skill) 3 marks	Soft tissue spotting (Skill) 7 marks	Gross sketch copy (Skill) 2 marks	Professionalism (PDC)* 3 marks	Total marks 60

Examiner _____
Sign _____
Stamp _____

*Objective Structured Practical Examination (OSPE) will be held in end of block assessment.

Department of Physiology
GIT Module - I (Structured Viva)

MODULE: _____ **DATE:** _____ **TEACHER NAME:** _____ **SIGNATURE** _____

[illegible]

***Objective Structured Practical Examination (OSPE) will be held in end of block assessment.**

Department of Biochemistry
GIT Module - I (Structured Viva)

Date: Time: Teacher's Name

Roll No.	Classification / Definition/ Enumerate (C1) (05 Marks)	Metabolic role/ Mechanism of action/ Physiological mechanism (C2) (08 Marks)	Related clinical disorders/ Pathogenesis (C3) (07 Marks)	Additional domains of Knowledge to be assessed Family Medicine, Artificial Intelligence, Ethics and Research (C1, C2, C3) (03 Marks)	Professionalism & Behavior (A3) (02 Marks)	Total marks (25)

*Objective Structured Practical Examination (OSPE) will be held in end of block assessment.

Rawalpindi Medical University
2nd Year MBBS Model MCQS (USMLE Format)

1. A 12-year-old boy was presented to Emergency with severe pain in his right loin. Ultrasound examination revealed a stone lying 6 inches from the pelvi-ureteric junction. The most probable site of ureteric constriction is. a. Pelvic brim b. Oblique passage through wall of bladder c. Pelvi-ureteric junction d. Lateral angle of trigone e. Crossing of root of mesentery	Anatomy
2. A 40-year-old obese woman presented to medical specialist with complaints of edema. She was on a weight losing diet since last 3 months. Her detailed plasma investigations revealed hypoalbuminemia. The major cause of her edema was: a. Increased plasma colloid pressure b. Increased capillary hydrostatic pressure c. Decreased plasma colloid pressure. d. Decreased interstitial fluid hydrostatic pressure. e. Increased interstitial fluid hydrostatic pressure	Physiology
3. A 40-year-old obese woman presented to medical specialist with complaints of edema. She was on a weight losing diet since last 3 months. Her detailed plasma investigations revealed hypoalbuminemia. The major cause of her edema was: a. Increased plasma colloid pressure b. Increased capillary hydrostatic pressure c. Decreased plasma colloid pressure. d. Decreased interstitial fluid hydrostatic pressure. e. Increased interstitial fluid hydrostatic pressure	Biochemistry

Rawalpindi Medical University
2nd Year MBBS Model EMQ

1. A 55-year-old male with a history of hypertension presents with fatigue, swelling of the legs, and foamy urine. Blood tests reveal proteinuria and a serum creatinine level of 3.0 mg/dL. Urinalysis shows significant protein but no hematuria. What is the most likely cause of his kidney failure?

Options for Questions:

- A. Acute Kidney Injury (AKI)
- B. Chronic Kidney Disease (CKD)
- C. Glomerulonephritis
- D. Diabetic Nephropathy
- E. Polycystic Kidney Disease
- F. Renal Tubular Acidosis (RTA)
- G. Nephrotic Syndrome
- H. Acute Tubular Necrosis (ATN)
- I. Hypertensive Nephropathy
- J. Acute Interstitial Nephritis (AIN)

Questions:

1. A patient presents with sudden onset of decreased urine output, elevated serum creatinine, and recent history of shock due to sepsis. What is the most likely diagnosis?
2. A 55-year-old patient with poorly controlled hypertension develops progressive kidney failure over months, with proteinuria and elevated blood pressure. What is the most likely cause of his kidney failure?
3. A young patient presents with bilateral renal cysts, and a family history of similar kidney problems. What is the most likely diagnosis?
4. A patient presents with generalized edema, proteinuria, hypoalbuminemia, and hyperlipidemia. Which of the following is the most likely diagnosis?
5. 40-year-old patient presents with fever, rash, and renal failure following treatment with an antibiotic. Renal biopsy shows interstitial inflammation. What is the most likely diagnosis?

Rawalpindi Medical University
2nd Year MBBS Model SEQs & SAQs (USMLE Format)

1. A male newborn was delivered vaginally at 38 weeks. Pregnancy was uneventful, and no fetal anomalies were detected at prenatal ultrasound controls. The neonate presented at birth with exposed, everted bladder that was clearly visible immediately below umbilical stump, a completely dorsally opened urethra. The scrotum was normally developed, but caudally displaced. - What is the most probable diagnosis? - Give embryological basis of this congenital anomaly? - Which developmental processes is directly disrupted in bladder exstrophy? - Which anatomical structures is most commonly associated with abnormalities in bladder exstrophy? - What other urological anomaly commonly coexists with bladder exstrophy?	Anatomy
2. A 25-year-old patient presents with excessive thirst, frequent urination, and fatigue. Laboratory tests show a decrease in blood urea nitrogen (BUN), an imbalance in sodium and potassium levels, and an abnormally high blood pH. The patient also has a family history of kidney disease. - What is the primary function of the kidneys in regulating blood composition? - How does the kidney contribute to maintaining electrolyte balance in the body? - Explain the role of the kidneys in regulating blood pressure? - What could be the physiological consequence of the observed imbalance in sodium and potassium levels in the patient? - Based on the given clinical signs, what kidney-related disorder would you suspect, and why?	Physiology
3. A 30-year-old male patient with a history of a high-protein diet presents with altered mental status, confusion, and nausea. Blood tests show elevated blood ammonia levels. The patient also has a genetic disorder causing a deficiency in one of the enzymes of the urea cycle. - What is the primary function of the urea cycle in the body? - Which enzyme catalyzes the first step of the urea cycle, and what is its role? - In the urea cycle, which compound is formed by the reaction of carbamoyl phosphate with ornithine? - What would be the consequence of a deficiency in argininosuccinate synthetase (ASS) in the urea cycle? - Given the patient's elevated ammonia levels, which step of the urea cycle might be impaired in this patient?	Biochemistry

Rawalpindi Medical University
2nd Year MBBS Model AV OSPE

Slide 1 / Video

Core Knowledge with Horizontal / Vertical / Spiral Integration

Topic: Development of Urinary Bladder

Teaching Strategy: LGIS

Requirements: Answer sheet, Pen

Objective: To Assess the Knowledge of Students Regarding Congenital Abnormalities of Urinary Bladder



1. Name the clinical condition shown in video (01)
2. What is the embryological basis of this condition? (01)
3. What are the key clinical manifestations of this condition in newborn in newborns? (01)
4. Name at least three commonly associated congenital anomalies. (01)
5. What is the best treatment option? (01)

Rawalpindi Medical University
2nd Year MBBS OSPE (Block-IV)

Observed Station ____

Marks: 05

Time Allowed: 03 Minutes

Subject: Urinary System
Topic assessed: Surface Marking of Kidney
Requirements: Simulated Patient/ Torso
Objective: Surface marking of kidneys

A 40-year-old male presents with persistent lower back pain and hematuria. The physician suspects a renal pathology and requests you to perform surface marking of the kidneys to locate their anatomical position for further examination.

For Candidate:	Learning domain	Marks
As a medical student, you are required to demonstrate the surface marking of the kidneys on a simulated patient or anatomical model.	Psychomotor (C1)	5 Marks

Key Station ____

Requirements: Simulated Patient/ Torso

Q1	Answer	Marks
1	Mark the approximate surface projection of both kidneys on the posterior abdominal wall.	1
2	Identify and explain the anatomical landmarks used for kidney surface marking.	1
3	Describe the vertebral levels at which the kidneys are positioned.	1
4	Explain why the right kidney is positioned lower than the left.	1
5	Give blood supply of kidneys	1

Unobserved Station ____

Marks: 05

Time Allowed: 03 Minutes

Subject: Anatomy of Abdomen

Topic assessed: Radiology of Abdomen

Requirements: Image of CT Scan

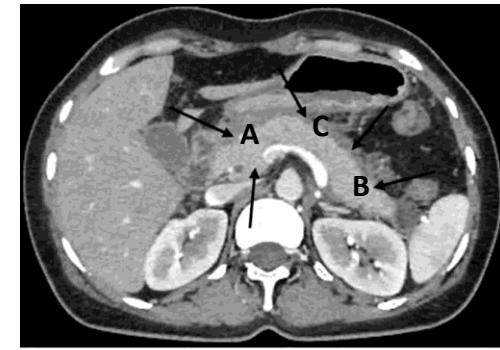
Objective: Evaluate the students' understanding of CT

A 30-year-old male is brought to the hospital with severe right upper quadrant pain. A CT scan of the abdomen is performed to assess possible causes.

For Candidate

Identify the labeled abdominal organs on the given CT scan as

1. A
2. B
3. C
4. Explain how you differentiate between soft tissue, fat, and bone on a CT image.
5. Why is **contrast-enhanced CT** preferred in trauma cases?



Integrated Clinically Oriented Modular Curriculum for Second Year MBBS

Reproduction Module-I Time Table

Second Year MBBS

Session 2024-2025

Batch-51

Reproduction Module-I Team

Module Name	:	Reproduction Module-I
Duration of module	:	04 Weeks
Coordinator	:	Dr. Uzma Zafar
Co-coordinator	:	Dr. Romessa Naeem
Reviewed by	:	Module Committee

Module Committee			Module Task Force Team		
1.	Vice Chancellor RMU	Prof. Dr. Muhammad Umar	1.	Coordinator	Dr. Uzma Zafar (APWMO Demonstrator of Biochemistry)
2.	Director DME	Prof. Dr. Ifra Saeed	2.	DME Focal Person	Dr. Farzana Fatima
3.	Chairperson Anatomy & Dean Basic Sciences	Prof. Dr. Ayesha Yousaf	3.	Co-coordinator	Dr. Tariq Furqan (Senior Demonstrator of Anatomy)
4.	Chairperson Physiology	Prof. Dr. Samia Sarwar	4.	Co-Coordinator	Dr. Romessa Naeem (Senior Demonstrator of Biochemistry)
5.	Chairperson Biochemistry	Dr. Aneela Jamil	5.	Co-coordinator	Dr. Nazia (Senior Demonstrator of Physiology)
6.	Focal Person Anatomy Second Year MBBS	Dr. Maria Tasleem			
7.	Focal Person Physiology	Dr. Sidra Hamid			
			DME Implementation Team		
8.	Focal Person Biochemistry	Dr. Aneela Jamil	1.	Director DME	Prof. Dr. Ifra Saeed
9.	Focal Person Pharmacology	Dr. Zunera Hakim	2.	Assistant Director DME	Dr Farzana Fatima
			3.	DME Implementation Team	Prof. Dr. Ifra Saeed Dr. Farzana Fatima Dr. Saira Aijaz
10.	Focal Person Pathology	Dr. Asiya Niazi	4.	Editor	Muhammad Arslan Aslam
11.	Focal Person Behavioral Sciences	Dr. Saadia Yasir			
12.	Focal Person Community Medicine	Dr. Afifa Kulsoom			
13.	Focal Person Quran Translation Lectures	Dr. Uzma Zafar			
14.	Focal Person Family Medicine	Dr. Sadia Khan			

Discipline wise Details of Modular Contents

Block	Subjects	Embryology	Histology	Gross Anatomy
II	Anatomy	Embryology/Development - Testis - Genital Ducts - Prostate & Accessory Glands - Uterus & Uterine tubes - Ovary & Vagina	Histology - Testis - Genital Ducts - Prostate & Accessory Glands - Uterus & Uterine Tubes - Ovary & Vagina	- Sacrum - Bony Pelvis & Joints of Pelvis - Pelvic Fascia, Pelvic Diaphragm, & Pelvic Peritoneum - Male External Genitalia, Scrotum, & Testis - Prostate Vas Deferens, Seminal Vesicles & Ejaculatory Ducts - Female External Genitalia, Ovaries, Fallopian Tubes - Uterus, Cervix & Vagina - Ischioanal Fossa - Urogenital Diaphragm - Perineum, Superficial Perineal Pouch and its contents - Deep Perineal Pouch and its contents - Blood Supply & Lymphatic Drainage of Pelvis & Perineum - Sacral and Coccygeal Plexus - Radiology, Surface Marking, Cross Sectional Anatomy
	Biochemistry	- Digestion of nucleic acid & biosynthesis of purines - Purine catabolism and related disorders - Pyrimidine metabolism - Regulation of gene expression - Male Gonadal Hormones - Female Gonadal Hormones		
	Physiology	- Physiological anatomy of male reproductive system & spermatogenesis - Physiological anatomy female reproductive system - Semen, capacitation & acrosome reaction - Monthly Ovarian Cycle, ovulation - Male sex hormones, Abnormalities of male sexual function and spermatogenesis - Monthly Endometrial Cycle and Menstruation - Response of mother's body to pregnancy and parturition - Female sex hormones (oestrogen and progesterone) - Lactation, Milk composition, breast feeding		

		• Puberty, menarche, menopause, postmenopausal symptoms & anovulatory cycles, Abnormalities of secretion by ovaries • Growth & functional development of fetus, Adjustments of infant to extrauterine life, Growth & development in child • Fertilization of ovum, transport, implantation, Functions of placenta • Hormonal factors in pregnancy, Special functional • problems in neonate. Prematurity and its problems
	Spiral Courses	
	• Biomedical (Club Activity)	• Ethical dilemmas Involving breach in Autonomy. • Ethical dilemmas in healthcare practice involving breach in principle of beneficence and non-maleficence. • Ethical dilemmas practice involving breach in principle of justice
	• Behavioural Sciences	• Emotion
	• Family Medicine	• AIDS
	• The Holy Quran Translation	• Imaniat-5 • Akhlaqiat-1
	• Pak Studies/Islamiyat	• Kaamyab logu ki sifaat • Nehru report, Quaid e Azam k 14 nukaat
	Vertical Integration	
	• Gynae & Obs	• Early Pregnancy Complications • Menstrual irregularities • Subfertility
	• Pharmacology	• Hormonal Contraceptives
	• Surgery	• Male hypogonadism, Acute Scrotum
	• Pathology	• BPH/Prostatitis / Sexually Transmitted Diseases • Polycystic Ovaries
	• Community Medicine	• Sexually Transmitted Diseases (STDs) • Acquired Immunodeficiency Syndromes/ Sexually Transmitted Diseases
	Early Clinical Exposure	
	• Clinical Rotations	• Ovarian Tumors • Uterine Tumors • Polycystic Ovaries • Menstrual Irregularities (Gynecology)

		• Important points in History of pregnant lady • Obstetrics Trimesters • Fetal heart sounds	] (Obstetrics)
		• Testicular Tumors • Hydrocele • Undescended Testis • Hypospadias/ Epispadias	

Categorization of Modular Contents

Anatomy

Category A*	Category B**	Category C***			
Special Embryology	Special Histology	Demonstrations / SGD	CBL	Practical's	Self-Directed Learning (SDL)
• Testis • Genital Ducts • Prostate & Accessory Glands • Uterus & Uterine Tubes • Ovary & Vagina	• Testis • Genital Ducts • Prostate & Accessory Glands • Uterus & Uterine Tubes • Ovary & Vagina	• Sacrum • Bony Pelvis & Joints of Pelvis • Pelvic Fascia, Pelvic Diaphragm, & Pelvic Peritoneum • Male External Genitalia, Scrotum, & Testis • Female External Genitalia, Ovaries, Fallopian Tubes • Uterus, Cervix & Vagina • Prostate Vas Deferens, Seminal Vesicles & Ejaculatory Ducts • Ischioanal Fossa • Urogenital Diaphragm • Perineum, superficial Perineal Pouch and its contents • Deep Perineal Pouch and its contents • Blood Supply & Lymphatic Drainage of Pelvis & Perineum • Sacral and Coccygeal Plexus • Radiology, Surface Marking	• Prostate (Benign prostate hyperplasia) • Ovary (ovarian cyst)	• Testis, Epididymis, Ductus Deferens • Seminal Vesicles, Prostate • Ovary, Uterus, Uterine Tubes	• Clinical Significance of pelvimetry / Lithiasis / What is Pedicle screw Fixation • Discuss pelvic fascia, differentiation between superior and inferior layers of urogenital diaphragm • Describe the formation of pudendal canal, perianal abscess • Endometrial Adeno carcinoma, fibroid uterus, describe 4 stages of uterine tumors, hysteroscopy • Benign Prostatic Hypertrophy, Significance of PS1 antigen in prostatic tumors • Discuss Peritoneal Reflexion of Fallopian tubes, tubal pregnancy briefly discuss tubal ligation, hysterosalpingography

Category A*: By Professors

Category B:** By Associate & Assistant Professors

Category C*:** By Senior Demonstrators & Demonstrators

Teaching Staff / Human Resource of Department of Anatomy

Sr. #	Designation Of Teaching Staff / Human Resource	Total number of teaching staff
1.	Professor of Anatomy department	01
2.	Assistant professor of Anatomy department (AP)	01
3.	Demonstrators of Anatomy department	03

Contact Hours (Faculty)

Sr. #	Hours Calculation for Various Type of Teaching Strategies	Total Hours
1.	Large Group Interactive Session (LGIS)	$2 * 05 = 10$ hours
2.	Small Group Discussions (SGD)	$2*12 + 1*2=26$ hours
3.	Practical / Skill Lab	$1.5 * 15 = 22.5$ hours

Contact Hours (Students)

Sr. #	Hours Calculation for Various Type of Teaching Strategies	Total Hours
1.	Large Group Interactive Session (LGIS)	$1 * 5 = 05$ hours
2.	Small Group Discussions (SGD)	$2*12+ 1*2=26$ hours
3.	Practical / Skill Lab	$1.5 * 3 = 4.5$ hours
4.	Self-Directed Learning (SDL)	$1 * 5 = 10$ hours

Physiology

Category A*	Category B**	Category C***				
LGIS	LGIS	PBL	CBL	Practical's	SGD	SDL
- Monthly Ovarian Cycle, ovulation (Monthly Endometrial Cycle and Menstruation)	- Physiological anatomy of male reproductive system & spermatogenesis - Physiological anatomy female reproductive system - Semen, capacitation & acrosome reaction - Male sex hormones, abnormalities of male sexual function and spermatogenesis - Response of mother's body to pregnancy, Parturition - Female sex hormones (oestrogen and progesterone) - Lactation, milk composition, breast feeding - Puberty, menarche, menopause, postmenopausal symptoms & anovulatory cycles, abnormalities of secretion by ovaries - Fertilization of ovum, transport, implantation, functions of placenta - Hormonal factors in pregnancy, special functional problems in neonate. Prematurity and its problems.		- Menorrhagia - Infertility - Neonatal problems of Prematurity	- Pregnancy test - Examination of 7th Cranial nerve - Examination of 3rd, 4th, 6th Cranial nerves		- Fertilization of ovum, transport, implantation, Functions of placenta - Growth & functional development of fetus, Adjustments of infant to extrauterine life, Growth & development in child - Special functional problems in neonate. Prematurity and its problems

Category A*: By Professors

Category B:** By Associate & Assistant Professors

Category C*:** By Senior Demonstrators & Demonstrators

Teaching Staff / Human Resource of Department of Physiology

Sr. #	Designation Of Teaching Staff / Human Resource	Total Number Of Teaching Staff
1.	Professor of physiology department	01
2.	Associate professor of physiology department	01
3.	Assistant professor of physiology department (AP)	01
4.	Demonstrators of physiology department	10
5.	Residents of physiology department (PGTs)	09

Contact Hours (Faculty) & Contact Hours (Students)

Sr. #	Hours Calculation for Various Type of Teaching Strategies	Total Hours
1.	Large Group Interactive Session (LECTURES)	13 x 2= 26 x 1 hour = 26 hours
2.	Small Group Discussions (SGD)/CBL	15 x 1.5 hour = 22.5 hours
3.	Problem Based Learning (PBL)	---
4.	Practical / Skill Lab	15 x 1.5 hour = 22.5 hours
5.	Self-Directed Learning (SDL)	3 x 1 hour = 3 hours

Biochemistry

Category A*	Category B**	Category C***			
LGIS	LGIS	PBL	CBL	Practical's	SGD
Regulation of gene expression	- Male gonadal hormones - Female gonadal hormones - Introduction to nucleic acid and purine synthesis - Purine catabolism and related disorders - Pyrimidine metabolism and related disorders		Gout	- Estimation of Uric acid by spectrophotometer - Estimation of cholesterol by spectrophotometer - Analysis of Milk	- Purine synthesis and describe salvage pathway - Synthesis, mechanism of action and functions of male and female sex hormones

Category A*: Assistant Professor (HOD) and APMO (With Postgraduate Qualification)

Category B:** (Senior Demonstrators & APWMO)

Category C*:** (By All Demonstrators, Senior Demonstrators and APWMO)

Teaching Staff / Human Resource of Department of Biochemistry

Sr. #	Designation Of Teaching Staff / Human Resource	Total Number Of Teaching Staff
1	Assistant professor of biochemistry department (AP)	01
2	Demonstrators of biochemistry department	05

Contact Hours (Faculty) & Contact Hours (Students)

Sr. #	Hours Calculation for Various Type of Teaching Strategies	Total Hours (Faculty)	Total Hours (student)
1.	Large Group Interactive Session (LECTURES)	$2 * 6 = 12$ hours	06
2.	Small Group Discussions (SGD)	$1.5 * 5 = 22.5$ hours	4.5
3.	Problem Based Learning (PBL)	Zero	zero
4.	Practical / Skill Lab	$1.5 * 5 = 22.5$ hours	4.5
5.	Self-Directed Learning (SDL)	-----	05

Reproduction Module-I (First Week)

(29-05-2025 To 04-06-2025)

Date/Day	8:00am-9:20am	9:20am – 10:10am		10:10am – 10:30am	10:30am-11:20am		11:20am-12:10pm		12:10pm-12:30pm	12:30pm – 2:00pm		Home Assignments(2HRS)		
29-05-2025 Thursday	Practical & SGD/CBL Topics & venue mentioned at the end. Batches, Teachers & Venue Mentioned in Table No. 1	PHYSIOLOGY (LGIS)		B r e a k					B r e a k	SGD/DISSECTION		SDL Physiology Physiological anatomy of female reproductive system, Monthly Ovarian Cycle		
		Physiological anatomy of female reproductive system,	Physiological anatomy of male reproductive system & spermatogenesis,							Sacrum, Bony Pelvis & Joints of Pelvis				
		Prof Dr. Samia Sarwar/ Dr Sheena (Even)	Dr Fareed (Odd)											
Date/Day	8:00 AM – 09:00 AM	09:00AM – 10:00 AM		10:00 AM – 11:00 AM		11:00 AM – 12:00 PM		SDL Anatomy Clinical Significance of pelvimetry / Lithiasis / What is Pedicle screw Fixation						
30-05-2025 Friday		PHYSIOLOGY (LGIS)		ANATOMY (LGIS)		BIOCHEMISTRY (LGIS)								
		Physiological anatomy of male reproductive system & spermatogenesis,	Physiological anatomy of female reproductive system	Special Embryology		Special Histology							Gene Expression	Nucleic Acid & purine synthesis
		Dr Fareed (Even)	Prof. Dr Samia Sarwar/ Dr Sheena (Odd)	Prof. Dr. Ifra (Even)		Assis. Prof. Dr. Maria (Odd)									Dr. Aneela (Even)	Dr. Uzma (Odd)
Date/Day	8:00am-9:20am	9:20am – 10:10am		10:10am – 10:30am	10:30am-11:20am		11:20am-12:10pm		12:10pm-12:30pm	12:30pm – 2:00pm		Home Assignments(2HRS)		
31-05-2025 Saturday	Practical & SGD/CBL Topics & venue mentioned at the end. Batches, Teachers & Venue Mentioned in Table No. 1	ANATOMY (LGIS)		B r e a k	BIOCHEMISTRY (LGIS)		PBL 1 (SESSION -I)		B r e a k	SGD/DISSECTION		SDL Anatomy Discuss pelvic fascia, differentiation between superior and inferior layers of urogenital diaphragm		
		Special Histology	Special Embryology		Nucleic Acid & purine synthesis		Gene Expression			PBL Team			Pelvic Fascia, Pelvic Peritoneum, Pelvic Diaphragm Contents of Pelvic Cavity	
		Testis	Testis		Dr. Uzma (Even)		Dr. Aneela (Odd)							
02-06-2025 Monday	Practical & SGD/CBL Topics & venue mentioned at the end. Batches, Teachers & Venue Mentioned in Table No. 1	PHYSIOLOGY (LGIS)			ANATOMY (LGIS)		GYNAE AND OBS (LGIS)					SDL Biochemistry Constituents of Purine synthesis and Salvage Pathway of Purine Metabolism		
		Monthly Ovarian Cycle, ovulation Monthly Endometrial Cycle and Menstruation	Semen, Capacitation & acrosome reaction Male sex hormones, Abnormalities of male sexual function and spermatogenesis		Special Histology	Special Embryology	Early Pregnancy Complications							
		Prof. Dr Samia Sarwar/ Dr Sheena (Even)	Dr. Fareed (Odd)		(Genital Ducts and (Prostate & Seminal vesicles)	(Genital Ducts Prostate & Accessory gland)								
03-06-2025 Tuesday	Practical & SGD/CBL Topics & venue mentioned at the end. Batches, Teachers & Venue Mentioned in Table No. 1				Assis. Prof. Dr. Maria (Even)	Prof. Dr Ifra (Odd)	Dr. Shama Bashir (Even)	Dr. Masooda (Odd)		CBL/DISSECTION		SDL Biochemistry Gene Expression		
					ANATOMY (LGIS)		PHARMACOLOGY (LGIS)			Prostate (Vas deferens, seminal vesicles & Ejaculatory Ducts) Batches, Teachers & Venue Mentioned in Table No. 2				
					Special Embryology	Special Histology	Hormonal Contraceptives							
04-06-2025 Wednesday	Practical & SGD/CBL Topics & venue mentioned at the end. Batches, Teachers & Venue Mentioned in Table No. 1				(Genital Ducts Prostate & Accessory gland)	(Genital Ducts and (Prostate & Seminal vesicles)				Prof. Dr Ifra (Even)	Assis. Prof. Dr. Maria (Odd)	Dr. Mehmoona Kanwal			SDL Physiology
					PBL 1 (SESSION -II)		ANATOMY (LGIS)							
					PBL Team		Special Histology	Special Embryology						
							Uterus & Uterine Tubes	Uterus & Uterine Tubes						
				Assis. Prof. Dr. Maria (Even)	Prof. Dr. Ifra (Odd)			Female Internal Genital Organs (Ovaries, Fallopian Tubes) Uterus & cervix) Batches, Teachers & Venue Mentioned in Table No. 2						

Table No. 1 (Time: 08:00am – 09:20am)																
Batch Distribution for Practical Skills (all subjects) CBL / Small Group Discussion(Biochemistry and Physiology)			Topics for Skill Lab with Venue	Schedule for Practical												
				Day	Histology Practical		Biochemistry Practical		Physiology Practical		Physiology SGD		Biochemistry SGD			
	Batch	Teacher Name	Batch		Teacher Name		Batch	Teacher Name				Batch	Teacher Name	Batch	Teacher Name	
Sr. No	Batch	Roll No.	- Histology of Testis, epididymis, ductus deferens (Anatomy Histology Practical) Venue-Histology laboratory (Dr. Sadia Baqir) - Estimation of serum Uric acid by Spectrophotometer (Biochemistry Practical) Venue- Biochemistry laboratory - Pregnancy test (Physiology Practical) Venue – Physiology Lecture Hall No 5	Monday	C	Supervised by HOD	B	Dr. Rahat	Supervised by HOD	E	Dr. Fareed	Supervised by HOD	A	Dr. Aneela	D	Dr. Uzma
1.	A	01-70		Tuesday	D		C	Dr. Almas		A	Dr. Aneela		B	Dr. Shazia	E	Dr. Romessa
2.	B	71-140		Wednesday	E		D	Dr. Uzma		B	Dr. Shazia		C	Dr. Fahd	A	Dr. Sana Latif
3.	C	141-210		Thursday	B		A	Dr. Sana Latif		D	Dr. Jawad		E	Dr. Fareed	C	Dr. Almas
4.	D	211-280		Saturday	A		E	Dr. Romessa		C	Dr. Fahd Anwar		D	Dr. Jawad	B	Dr. Rahat
5.	E	281-onwards														
			Topics for SGDs / CBL with Venue													
			- Anatomy CBL: Prostate (Benign prostate hyperplasia) - Physiology CBL: Menorrhagia (Venue: Physiology Demo Room (Basement)) - Biochemistry tutorial: Deno synthesis of purine, describe salvage pathway (Purine Metabolism) (Venue: Lecture Hall No 2)													

Table No. 2 Batch Distribution with Venues and Teachers Name for Problem Based Learning (PBL) Sessions									
Sr No.	Batches	Roll No	Venue	Teachers	Sr No.	Batches	Roll No	Venue	Teachers
1.	A1	(01-35)	Lecture Hall no.05 Physiology	Dr. Romessa (Demonstrator Biochemistry)	6.	C2	(176-210)	New Lecture Hall Complex Lecture Theater # 01	Dr. Nazia (Demonstrator Physiology)
2.	A2	(36-70)	Lecture Hall #.04 (1st Floor Anatomy)	Dr. Farah Ali Shah (Demonstrator Physiology)	7.	D1	(210-245)	New Lecture Hall Complex Lecture Theater # 04	Dr. Mahnoor (PGT Physiology)
3.	B1	(71-105)	Anatomy Museum (First FloorAnatomy)	Dr. Almas Aijaz (APWMO Biochemistry)	8.	D2	(246-280)	New Lecture Hall Complex Lecture Theater # 04	Dr. Minahil Haq (Senior Demonstrator Anatomy)
4.	B2	(106-140)	Lecture Hall no.03 (First Floor)	Dr. Tariq Furqan (Senior Demonstrator Anatomy)	9.	E1	(281-315)	Anatomy Museum (First Floor Anatomy)	Dr. Rahat (APWMO Biochemistry)
5.	C1	(141-175)	New Lecture Hall Complex Lecture Theater # 01	Dr. Ali Zain (PGT Physiology)	10	E2	(315 onwards)	Lecture Hall no.04 (Basement)	Dr. Afsheen (PGT Physiology)

Table No. 3 Venues for Large Group Interactive Session (LGIS)	
Odd Roll Numbers	New Lecture Hall Complex Lecture Theater # 01
Even Roll Number	New Lecture Hall Complex Lecture Theater # 04

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Table No. 4 Batch Distribution and Venues for Anatomy Small Group Discussion SGDs / Dissections					Table No. 5 Batch Distribution and Venues for Physiology & Biochemistry Small Group Discussion SGDs								
Batches	Roll No	Subgroup	Anatomy Teacher	Venue	Batches	Roll No	Subgroup	Physiology Teacher	Physiology Venue	Biochemistry Teacher	Biochemistry Venue		
A	01- 60	A1: Roll No (1 – 15) A2: Roll No (16 – 30) A3: Roll No (31 – 45) A4: Roll No (46 – 60)	Dr. Tariq Furqan (Senior. Demonstrator)	Anatomy Lecture Hall 04	A	01-70	A1: Roll No (1 – 14) A2: Roll No (15 – 28) A3: Roll No (29 – 42) A4: Roll No (43 – 56) A5: Roll No (57 – 70)	Dr. Aneela Yasmeen (APWMO)	Physiology Lecture Hall 5	Dr. Uzma Zafar (APWMO)	Basement Lecture Hall No. 2		
B	61-120	B1: Roll No (61 – 75) B2: Roll No (76 – 90) B3: Roll No (91 – 105) B4: Roll No (06 – 120)	Dr. Sana Sameen (PGT Anatomy)	Anatomy Lecture Hall 03	B	71-140	B1: Roll No (71 – 84) B2: Roll No (85 – 98) B3: Roll No (99 – 112) B4: Roll No (113 – 126) B5: Roll No (127 – 140)	Dr. Shazia Nosheen (APWMO)	Physiology Lecture Hall 5	Dr. Rahat (APWMO)	Basement Lecture Hall No. 2		
C	121-180	C1: Roll No (121 – 135) C2: Roll No (136 – 150) C3: Roll No (151 – 165) C4: Roll No (166 – 180)	Dr. Sara bano (Assistant Professor)	New Lecture Hall Complex 01	C	141-210	C1: Roll No (141 – 154) C2: Roll No (155 – 168) C3: Roll No (169 – 182) C4: Roll No (183 – 196) C5: Roll No (197 – 210)	Dr. Fahd Anwar (Demonstrator)	Physiology Lecture Hall 5	Dr. Almas (APWMO)	Basement Lecture Hall No. 2		
D	181- 240	D1: Roll No (181 – 195) D2: Roll No (196 - 210) D3: Roll No (211 – 225) D4: Roll No (226 – 240)	Dr. Sadia Aman (Assistant Professor)	New Lecture Hall Complex 02	D	211-280	D1: Roll No (211 – 224) D2: Roll No (225 – 238) D3: Roll No (239 – 252) D4: Roll No (253 – 266) D5: Roll No (267 – 280)	Dr. Jawad (Demonstrator)	Physiology Lecture Hall 5	Dr. Sana Latif (Senior Demonstrator)	Basement Lecture Hall No. 2		
E	241- 300	E1: Roll No (241 – 255) E2: Roll No (256 – 270) E3: Roll No (271 – 285) E4: Roll No (286 – 300)	Dr. Maryam Sohail (PGT Anatomy)	New Lecture Hall Complex 3	E	281- onwards	E1: Roll No (281 – 294) E2: Roll No (295 – 308) E3: Roll No (309 – 322) E4: Roll No (323 – 336) E5: Roll No (337 – onwards)	Dr. Fareed (Demonstrator)	Physiology Lecture Hall 5	Dr. Romessa (Demonstrator)	Basement Lecture Hall No. 2		
F	301- onwards	F1: Roll No (301 – 315) F2: Roll No 316 – 330) F3: Roll No 331 – 345) F4: Roll No (346 – onwards)	Dr. Minahil Haq (Senior. Demonstrator)	New Lecture Hall Complex 04									
Supervised by Prof. Dr. Ayesha Yousaf					Supervised by Prof. Dr. Samia Sarwar							Supervised by. Dr. Aneela Jamil	

Eid & Summer Vacation	06th June – 29th June 2025
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(Reproduction Module-I Second Week)
(30-06-2025 To 05-07-2025)

Date/Day	8:00am-9:20am		9:20am – 10:10am		10:10am – 10:30am	10:30am-11:20am		11:20am-12:10pm		12:10pm-12:30pm	12:30pm – 2:00pm		Home Assignments(2HRS)	
30-06-2025 Monday	Practical & SGD/CBL Topics & venue mentioned at the end. Batches, Teachers & Venue Mentioned in Table No. 1		PHYSIOLOGY (LGIS)		B r e a k	ANATOMY (LGIS)		PBL 2 (SESSION -I)		B r e a k		SDL Physiology Male Reproductive Physiology		
01-07-2025 Tuesday			PHYSIOLOGY (LGIS)) Female sex hormones (oestrogen and progesterone) Dr. Sheena (Even) Dr. Shazia (Odd)			Special Embryology	Special Histology	PBL Team						
						Uterus & Uterine Tubes	Uterus & Uterine Tubes							
02-07-2025 Wednesday	Practical & SGD/CBL Topics & venue mentioned at the end Batches, Teachers & Venue Mentioned in Table No. 1		PHYSIOLOGY (LGIS) Lactation, Milk composition, breast feeding Dr. Sheena (Even) Dr. Shazia (Odd)			BIOCHEMISTRY (LGIS)		PATHOLOGY (LGIS)						
						Purine catabolism	Male & Female Sex Hormones	Sexually transmitted diseases	BPH/Prostatitis		SDL Physiology Female Reproductive Physiology			
						Dr. Uzma / Dr.Aneela(Even)	Dr. Almas(Odd)	Dr Sara (Even)	Dr Rabbiya Khalid (Odd)					
						BIOCHEMISTRY (LGIS)		PATHOLOGY (LGIS)						SGD/DISSECTION	SDL Biochemistry Mechanism of action of Steroid Hormones and Synthesis of Sex Hormones
03-07-2025 Thursday	Practical & SGD/CBL Topics & venue mentioned at the end Batches, Teachers & Venue Mentioned in Table No. 1		PHYSIOLOGY (LGIS) Puberty, menarche, menopause PMS & anovulatory cycles, Abnormalities of secretion by ovaries Dr. Sheena (Even) Dr. Shazia (Odd)			Male & Female Sex Hormones	Purine catabolism	BPH/ Prostatitis	Sexually transmitted diseases		Ischioanal Fossa Urogenital Diaphragm Batches, Teachers & Venue Mentioned in Table No. 2	SDL Biochemistry Purine Catabolism & Related Disorders		
						Dr. Almas (Even)	Dr. Uzma/ Dr. Aneela (Odd)	Dr Rabbiya Khalid (Even)	Dr Sara (Odd)					
						PBL 2 (SESSION -II)		SURGERY (LGIS)						
										PBL Team		Undescended Testes		Dr. Raneez (Even) Dr. Ameen (Odd)	Perineum, Superficial Perineal Pouch & Contents Deep Perineal Pouch & Contents Batches, Teachers & Venue Mentioned in Table No. 2
Date/Day	8:00 AM – 09:00 AM		09:00AM– 10:00 AM		10:00AM– 11:00 AM		11:00 AM – 12:00 PM					SDL Anatomy Endometrial Adino carcinoma, fibroid uterus, describe 4 stages of uterine tumors, hysteroscopy		
04-07-2025 Friday			ANATOMY (LGIS)		PHYSIOLOGY (LGIS)									
			Special Histology Ovary & Vagina	Special Embryology Ovary & Vagina	Fertilization of ovum, transport, implantation, Functions of placenta	Growth & functional development of fetus, Adjustments of infant to extrauterine life, Growth & development in child								
			Assis. Prof. Dr. Maria (Even)	Prof. Dr. Ifra (Odd)	Dr. Shazia (Even)	Dr. Usman (odd)								
05-07-2025 Saturday	Practical & SGD/CBL Topics & venue mentioned at the end Batches, Teachers & Venue Mentioned in Table No. 1		Early Clinicaly Exposure (ECE)										SDL Anatomy Describe the formation of pudendal canal, perianal abscess Mid Online Clinical Evaluation	

Table No. 1 (Time: 08:00am – 09:20am)																
Batch Distribution for Practical Skills (all subjects) CBL / Small Group Discussion(Biochemistry and Physiology)			Topics for Skill Lab with Venue - Histology of Seminal Vesicles & Prostate (Anatomy Histology Practical) Venue-Histology Laboratory (Dr..Sadia Baqir) - Estimation of Cholestrol by Spectrophotometer (Biochemistry Practical) Venue- Biochemistry Laboratory - Examination of VII Cranial Nerves (Physiology Practical) Venue – Physiology Lab	Day	Histology Practical		Biochemistry Practical		Physiology Practical			Physiology SGD		Biochemistry SGD		
					Batch	Teacher Name	Batch	Teacher Name		Batch		Teacher Name		Batch	Teacher Name	Batch	Teacher Name
Sr. No	Batch	Roll No.		Monday	C	Supervised by HOD	B	Dr. Rahat	Supervised by HOD	E	Dr. Fareed	Supervised by HOD	A	Dr. Aneela	D	Dr. Uzma
1.	A	01-70		Tuesday	D		C	Dr. Almas		A	Dr. Aneela		B	Dr. Shazia	E	Dr. Romessa
2.	B	71-140		Wednesday	E		D	Dr. Uzma		B	Dr. Shazia		C	Dr. Fahd	A	Dr. Sana Latif
3.	C	141-210		Thursday	B		A	Dr. Sana Latif		D	Dr. Jawad		E	Dr. Fareed	C	Dr. Almas
4.	D	211-280		Saturday	A		E	Dr. Romessa		C	Dr. Fahd Anwar		D	Dr. Jawad	B	Dr. Rahat
5.	E	281-onwards														
			Topics for SGDs / CBL with Venue - Anatomy CBL: Ovarian Cysts - Physiology CBL: Infertility (Venue: Lecture Hall No 5) - Biochemistry CBL: Gout: (Lecture Hall No 2)													

Table No. 2 Batch Distribution with Venues and Teachers Name for Problem Based Learning (PBL) Sessions									
Sr No.	Batches	Roll No	Venue	Teachers	Sr No.	Batches	Roll No	Venue	Teachers
1.	A1	(01-35)	Lecture Hall no.05 Physiology	Dr. Romessa (Demonstrator Biochemistry)	6.	C2	(176-210)	New Lecture Hall Complex Lecture Theater # 01	Dr. Nazia (Demonstrator Physiology)
2.	A2	(36-70)	Lecture Hall #.04 (1st Floor Anatomy)	Dr. Farah Ali Shah (Demonstrator Physiology)	7.	D1	(210-245)	New Lecture Hall Complex Lecture Theater # 04	Dr. Mahnoor (PGT Physiology)
3.	B1	(71-105)	Anatomy Museum (First FloorAnatomy)	Dr. Almas Aijaz (APWMO Biochemistry)	8.	D2	(246-280)	New Lecture Hall Complex Lecture Theater # 04	Dr. Minahil Haq (Senior Demonstrator Anatomy)
4.	B2	(106-140)	Lecture Hall no.03 (First Floor)	Dr. Tariq Furqan (Senior Demonstrator Anatomy)	9.	E1	(281-315)	Anatomy Museum (First FloorAnatomy)	Dr. Rahat (APWMO Biochemistry)
5.	C1	(141-175)	New Lecture Hall Complex Lecture Theater # 01	Dr. Ali Zain (PGT Physiology)	10	E2	(315 onwards)	Lecture Hall no.04 (Basement)	Dr. Afsheen (PGT Physiology)

Table No. 3 Venues for Large Group Interactive Session (LGIS)	
Odd Roll Numbers	New Lecture Hall Complex Lecture Theater # 01
Even Roll Number	New Lecture Hall Complex Lecture Theater # 04

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Table No. 4 Batch Distribution and Venues for Anatomy Small Group Discussion SGDs / Dissections					Table No. 5 Batch Distribution and Venues for Physiology & Biochemistry Small Group Discussion SGDs								
Batches	Roll No	Subgroup	Anatomy Teacher	Venue	Batches	Roll No	Subgroup	Physiology Teacher	Physiology Venue	Biochemistry Teacher	Biochemistry Venue		
A	01- 60	A1: Roll No (1 – 15) A2: Roll No (16 – 30) A3: Roll No (31 – 45) A4: Roll No (46 – 60)	Dr. Tariq Furqan (Senior. Demonstrator)	Anatomy Lecture Hall 03	A	01-70	A1: Roll No (1 – 14) A2: Roll No (15 – 28) A3: Roll No (29 – 42) A4: Roll No (43 – 56) A5: Roll No (57 – 70)	Dr. Aneela Yasmeen (APWMO)	Physiology Lecture Hall 5	Dr. Uzma Zafar (APWMO)	Basement Lecture Hall No. 2		
B	61-120	B1: Roll No (61 – 75) B2: Roll No (76 – 90) B3: Roll No (91 – 105) B4: Roll No (06 – 120)	Dr. Sana Sameen (PGT Anatomy)	Anatomy Lecture Hall 04	B	71-140	B1: Roll No (71 – 84) B2: Roll No (85 – 98) B3: Roll No (99 – 112) B4: Roll No (113 – 126) B5: Roll No (127 – 140)	Dr. Shazia Nosheen (APWMO)	Physiology Lecture Hall 5	Dr. Rahat (APWMO)	Basement Lecture Hall No. 2		
C	121-180	C1: Roll No (121 – 135) C2: Roll No (136 – 150) C3: Roll No (151 – 165) C4: Roll No (166 – 180)	Dr. Sara bano (Assistant Professor)	New Lecture Hall Complex 01	C	141-210	C1: Roll No (141 – 154) C2: Roll No (155 – 168) C3: Roll No (169 – 182) C4: Roll No (183 – 196) C5: Roll No (197 – 210)	Dr. Fahd Anwar (Demonstrator)	Physiology Lecture Hall 5	Dr. Almas (APWMO)	Basement Lecture Hall No. 2		
D	181- 240	D1: Roll No (181 – 195) D2: Roll No (196 - 210) D3: Roll No (211 – 225) D4: Roll No (226 – 240)	Dr. Sadia Aman (Assistant Professor)	New Lecture Hall Complex 02	D	211-280	D1: Roll No (211 – 224) D2: Roll No (225 – 238) D3: Roll No (239 – 252) D4: Roll No (253 – 266) D5: Roll No (267 – 280)	Dr. Jawad (Demonstrator)	Physiology Lecture Hall 5	Dr. Sana Latif (Senior Demonstrator)	Basement Lecture Hall No. 2		
E	241- 300	E1: Roll No (241 – 255) E2: Roll No (256 – 270) E3: Roll No (271 – 285) E4: Roll No (286 – 300)	Dr. Maryam Sohail (PGT Anatomy)	New Lecture Hall Complex 3	E	281- onwards	E1: Roll No (281 – 294) E2: Roll No (295 – 308) E3: Roll No (309 – 322) E4: Roll No (323 – 336) E5: Roll No (337 – onwards)	Dr. Fareed (Demonstrator)	Physiology Lecture Hall 5	Dr. Romessa (Demonstrator)	Basement Lecture Hall No. 2		
F	301- onwards	F1: Roll No (301 – 315) F2: Roll No 316 – 330) F3: Roll No 331 – 345) F4: Roll No (346 – onwards)	Dr. Minahil Haq (Senior. Demonstrator)	New Lecture Hall Complex 04									
Supervised by Prof. Dr. Ayesha Yousaf					Supervised by Prof. Dr. Samia Sarwar							Supervised by. Dr. Aneela Jamil	

Reproduction Module-I (Third Week)

(07-07-2025 To 12-07-2025)

Date/Day	8:00am-9:20am	9:20am – 10:10am		10:10am – 10:30am	10:30am-11:20am		11:20am-12:10pm		12:10pm-12:30pm	12:30pm – 2:00pm	Home Assignments(2HRS)
07-07-2025 Monday	Practical & SGD/CBL Topics & venue mentioned at the end Batches, Teachers & Venue Mentioned in Table No. 1	PHYSIOLOGY (LGIS)		Break	FAMILY MEDICINE(LGIS)		BEHAVIOURAL SCIENCES		Break	SGD/DISSECTION	SDL Physiology Neonatal physiology
		Growth &functional development of fetus, Adjustments of infant to extrauterine life, Growth & development in child	Fertilization of ovum, transport, implantation, Functions of placenta		AIDS		Emotion			Blood Supply, Venous Drainage & Lymphatic Drainage of Pelvis & Perineum	
		Dr. Usman (Even)	Dr. Shazia (Odd)		Dr. Sadia Khan (Even)	Dr. Amna Rauf (Odd)				Batches, Teachers & Venue Mentioned in Table No. 2	
08-07-2025 Tuesday	Practical & SGD/CBL Topics & venue mentioned at the end Batches, Teachers & Venue Mentioned in Table No. 1	PHYSIOLOGY (LGIS)			COMMUNITY MEDICINE (LGIS)		GYNAE AND OBS (LGIS)			SGD/DISSECTION	
		Special functional problems in neonate. Prematurity and its problems	Hormonal factors in pregnancy		Sexually Transmitted Diseases (STDs)	Acquired immunodeficiency syndromes (AIDs)	Menstrual irregularities			Sacral & Coccygeal Plexus	
		Dr. Usman (Even)	Dr. Sheena (Odd)		Dr. Abdul Qadous (Even)	Dr. Asif (Odd)	Dr Saima Khan (Even)	Dr. Zainab (Odd)		Dissection &Spotting Batches, Teachers & Venue Mentioned in Table No. 2	
09-07-2025 Wednesday	Practical & SGD/CBL Topics & venue mentioned at the end Batches, Teachers & Venue Mentioned in Table No. 1	PHYSIOLOGY (LGIS)			BIOCHEMISTRY (LGIS)		COMMUNITY MEDICINE (LGIS)			SGD/DISSECTION	SDL Biochemistry Pyrimidine Metabolism & Related Disorde
		Hormonal factors in pregnancy	Special functional problems in neonate. Prematurity and its problems		Sex hormones-II	Pyrimidine Metabolism	Acquired immunodeficiency syndromes (AIDs)	Sexually Transmitted Diseases (STDs)		Disection Batches, Teachers & Venue Mentioned in Table No. 2	
		Dr. Sheena (Even)	Dr. Usman (Odd)		Dr. Almas (Even)	Dr. Uzma / Dr. Aneela (Odd)	Dr. Asif (Even)	Dr. Abdul Qadous (Odd)			
10-07-2025 Thursday	Practical & SGD/CBL Topics & venue mentioned at the end Batches, Teachers & Venue Mentioned in Table No. 1	ANATOMY (LGIS)					BIOCHEMISTRY (LGIS)				SDL Biochemistry Pyrimidine Metabolism & Related Disorde
		Special Embryology Ovar y& Vagina	Special Histology Ovary & Vagina				Pyrimidine Metabolism	Sex hormones-II			
		Prof. Dr. Ifra (Even)	Assis. Prof. Dr. Maria (Odd)				Dr. Uzma/ Dr. Aneela (Even)	Dr. Almas (Odd)			
Date/Day	8:00 AM – 09:00 AM	09:00AM – 10:00 AM		10:00 AM – 12:00 PM							
11-07-2025 Friday				SDL Anatomy							
				Benign Prostatic Hypertrophy, Significance of PS1 antigen in prostatic tumors							
12-07-2025 Saturday	Practical & SGD/CBL Topics & venue mentioned at the end Batches, Teachers & Venue Mentioned in Table No. 1	SURGERY (LGIS)		Break	GYNAE AND OBS (LGIS)		PATHOLOGY(LGIS)		Break	SGD/DISSECTION	SDL Anatomy Discuss Peritoneal Reflexion of Fallopian tubes, tubal pregnancy briefly discuss tubal ligation, hysterosalpingography End module Online Clinical Evaluation
		Male hypogonadism Acute Scrotum			Subfertility		Polycystic ovaries			Cross-Sectional Anatomy / Radiology Batches, Teachers & Venue Mentioned in Table No. 2	
		Dr. Faraz (Even)	Dr. Faraz Butt (Odd)		Dr. Farah (Even)	Dr. Saira Ahmed (Odd)	Dr Rabbiya Khalid (Even)	Dr Sara (Odd)			

Table No. 1 (Time: 08:00am – 09:20am)																
Batch Distribution for Practical Skills (all subjects) CBL / Small Group Discussion(Biochemistry and Physiology)			Topics for Skill Lab with Venue		Schedule for Practical											
					Day	Histology Practical		Biochemistry Practical		Physiology Practical		Physiology SGD		Biochemistry SGD		
Batch	Teacher Name	Batch	Teacher Name			Batch	Teacher Name		Batch			Teacher Name	Batch	Teacher Name		
Sr. No	Batch	Roll No.	- Histology of uterus, uterine tube and ovary (Anatomy Histology Practical) Venue-Histology Laboratory (Dr. Sadia Baqir) - Milk Analysis (Biochemistry Practical) Venue- Biochemistry Laboratory - Examination of III, IV & VI Cranial Nerves (Physiology Practical) Venue – Physiology Lab	Monday	C	Supervised by HOD	B	Dr. Rahat	Supervised by HOD	E	Dr. Fareed	Supervised by HOD	A	Dr. Aneela	D	Dr. Uzma
1.	A	01-70		Tuesday	D		C	Dr. Almas		A	Dr. Aneela		B	Dr. Shazia	E	Dr. Romessa
2.	B	71-140		Wednesday	E		D	Dr. Uzma		B	Dr. Shazia		C	Dr. Fahd	A	Dr. Sana Latif
3.	C	141-210		Thursday	B		A	Dr. Sana Latif		D	Dr. Jawad		E	Dr. Fareed	C	Dr. Almas
4.	D	211-280		Saturday	A		E	Dr. Romessa		C	Dr. Fahd Anwar		D	Dr. Jawad	B	Dr. Rahat
5.	E	281-onwards														

	Topics for SGDs / CBL with Venue	
	• Physiology SGD: Special Problems of Prematurity (In Neonate) (Venue: Lecture Hall No 5) • Biochemistry SGD: Synthesis mechanism of action and funtions of sex hormones: Lecture Hall No 2)	

Table No. 4 Batch Distribution and Venues for Anatomy Small Group Discussion SGDs / Dissections					Table No. 5 Batch Distribution and Venues for Physiology & Biochemistry Small Group Discussion SGDs								
Batches	Roll No	Subgroup	Anatomy Teacher	Venue	Batches	Roll No	Subgroup	Physiology Teacher	Physiology Venue	Biochemistry Teacher	Biochemistry Venue		
A	01- 60	A1: Roll No (1 – 15) A2: Roll No (16 – 30) A3: Roll No (31 – 45) A4: Roll No (46 – 60)	Dr. Tariq Furqan (Senior. Demonstrator)	Anatomy Lecture Hall 03	A	01-70	A1: Roll No (1 – 14) A2: Roll No (15 – 28) A3: Roll No (29 – 42) A4: Roll No (43 – 56) A5: Roll No (57 – 70)	Dr. Aneela Yasmeen (APWMO)	Physiology Lecture Hall 5	Dr. Uzma Zafar (APWMO)	Basement Lecture Hall No. 2		
B	61-120	B1: Roll No (61 – 75) B2: Roll No (76 – 90) B3: Roll No (91 – 105) B4: Roll No (06 – 120)	Dr. Sana Sameen (PGT Anatomy)	Anatomy Lecture Hall 04	B	71-140	B1: Roll No (71 – 84) B2: Roll No (85 – 98) B3: Roll No (99 – 112) B4: Roll No (113 – 126) B5: Roll No (127 – 140)	Dr. Shazia Nosheen (APWMO)	Physiology Lecture Hall 5	Dr. Rahat (APWMO)	Basement Lecture Hall No. 2		
C	121-180	C1: Roll No (121 – 135) C2: Roll No (136 – 150) C3: Roll No (151 – 165) C4: Roll No (166 – 180)	Dr. Sara bano (Assistant Professor)	New Lecture Hall Complex 01	C	141-210	C1: Roll No (141 – 154) C2: Roll No (155 – 168) C3: Roll No (169 – 182) C4: Roll No (183 – 196) C5: Roll No (197 – 210)	Dr. Fahd Anwar (Demonstrator)	Physiology Lecture Hall 5	Dr. Almas (APWMO)	Basement Lecture Hall No. 2		
D	181- 240	D1: Roll No (181 – 195) D2: Roll No (196 - 210) D3: Roll No (211 – 225) D4: Roll No (226 – 240)	Dr. Sadia Aman (Assistant Professor)	New Lecture Hall Complex 02	D	211-280	D1: Roll No (211 – 224) D2: Roll No (225 – 238) D3: Roll No (239 – 252) D4: Roll No (253 – 266) D5: Roll No (267 – 280)	Dr. Jawad (Demonstrator)	Physiology Lecture Hall 5	Dr. Sana Latif (Senior Demonstrator)	Basement Lecture Hall No. 2		
E	241- 300	E1: Roll No (241 – 255) E2: Roll No (256 – 270) E3: Roll No (271 – 285) E4: Roll No (286 – 300)	Dr. Maryam Sohail (PGT Anatomy)	New Lecture Hall Complex 3	E	281- onwards	E1: Roll No (281 – 294) E2: Roll No (295 – 308) E3: Roll No (309 – 322) E4: Roll No (323 – 336) E5: Roll No (337 – onwards)	Dr. Fareed (Demonstrator)	Physiology Lecture Hall 5	Dr. Romessa (Demonstrator)	Basement Lecture Hall No. 2		
F	301- onwards	F1: Roll No (301 – 315) F2: Roll No 316 – 330) F3: Roll No 331 – 345) F4: Roll No (346 – onwards)	Dr. Minahil Haq (Senior. Demonstrator)	New Lecture Hall Complex 04									
Supervised by Prof. Dr. Ayesha Yousaf					Supervised by Prof. Dr. Samia Sarwar							Supervised by. Dr. Aneela Jamil	

Schedule for LMS Based Weekly Online Assessments for Second Year MBBS (Reproduction Module-I) Batch 51

The online assessment for Reproduction Module-I for Second Year MBBS will be as per following schedule:

Class	Module	Day & Date	Time of Assessment	Focal person	Department Responsible
Second Year MBBS	Reproduction Module-I	Monday 30 th June,2025	9:00 pm-9:30pm	Prof. Dr Ayesha Yousaf	Anatomy
		Tuesday 01 st July,2025	9:00 pm-9:30pm	Prof. Dr Samia Sarwar	Physiology
		Wednesday 02 nd July,2025	9:00 pm-9:30pm	Dr Aneela Jamil	Biochemistry
		Monday 07 th July,2025	9:00 pm-9:30pm	Prof. Dr Ayesha Yousaf	Anatomy
		Tuesday 08 th July,2025	9:00 pm-9:30pm	Prof. Dr Samia Sarwar	Physiology
		Wednesday 09 th July,2025	9:00 pm-9:30pm	Dr Aneela Jamil	Biochemistry

Reproduction Module-I (Fourth Week)
(14-07-2025 To 19-07-2025)

Date/time	9:00am - 12:00pm	12:00-02:00pm
14-07-2025 Monday	Assessment Week	
15-07-2025 Tuesday		
16-07-2025 Wednesday		
17-07-2025 Thursday		
18-07-2025 Friday		
19-07-2025 Saturday		

*Note: Detailed notice regarding content, time and venue will be issued accordingly

Note: Timetable Subject to change according to the current circumstances.

SECTION-VII

Table of Specification (TOS) For Reproduction Module-I Examination

Blue Print of Assessment for First Year & Second Year MBBS																																		
Table of Specification																																		
Tools of Assessment: Cognitive: MCQ- Multiple Choice Questions, EMQs- Extended Matching Questions, SAQ- Short Answer Questions, SEQ- Short Essay Questions Psychomotor: AvOSPE- Audio Visual Assisted Objective Structured Pactical Examination, labOSPE- Laboratory Based Objective Structured Practical Examination, IOSPE- Integrated Objective Structured Practical Examination, COSPE- Clinically Oriented Objective Structred Practical Examination Affect: AED Reflective Writing- Artificial Intelligence, Entraprenureship, Digital Literacy based reflective writing, OSVE- Objective Structured Viva Assessment																																		
Domains: C-Core Subject (70%) Levels C1-C2, HV- Horizontal & Vertical Integration (20%) Levels C2-C3, S- Spiral Integration (10%) Levels C2-C3																																		
End of Module Assessment	Subject	Theory (Cognitive) Assessment																		Practical (Skill & Attitude) Assessment										Grand Total	Total Time of Module Assessment			
		MCQs					EMQs			SAQs					SEQs				Marks	Total Marks Theory	Total Time	AV OSPE					Time	AED Reflective Writing	OSVE			Total Practical Marks		
		C	HV	S	Total	Marks	C	Total	Marks	C	HV	S	Total	Marks	C	HV	S	Total				C	HV	S	Total	Marks			Viva				Copy	Total
First Module	Anatomy	19	4	2	25	25	1	1	5	3	1	1	5	25	3	1	1	5	45	100	2 HRS	7	2	1	10	50	50 min	15 min	45	5	50	100	200	6 HRS
	Physiology	19	4	2	25	25	1	1	5	3	1	1	5	25	3	1	1	5	45	100	2 HRS	7	2	1	10	50	50 min	15 min	45	5	50	100	200	6 HRS
	Biochemistry	19	4	2	25	25	1	1	5	3	1	1	5	25	3	1	1	5	45	100	2 HRS	7	2	1	10	50	50 min	15 min	45	5	50	100	200	6 HRS
Formative- Weekly LMS Based Assessment of 30 MCQs (10 MCQs per Subject)																																		
End of Module Assessment	Subject	Theory (Cognitive) Assessment																		Practical (Skill & Attitude) Assessment										Grand Total	Total Time of Module Assessment			
		MCQs					EMQs			SAQs					SEQs				Marks	Total Marks Theory	Total Time	AV OSPE					Time	AED Reflective Writing	OSVE			Total Practical Marks		
		C	HV	S	Total	Marks	C	Total	Marks	C	HV	S	Total	Marks	C	HV	S	Total				C	HV	S	Total	Marks			Viva				Copy	Total
Second Module	Anatomy	19	4	2	25	25	1	1	5	3	1	1	5	25	3	1	1	5	45	100	2 HRS	7	2	1	10	50	50 min	15 min	45	5	50	100	200	6 HRS
	Physiology	19	4	2	25	25	1	1	5	3	1	1	5	25	3	1	1	5	45	100	2 HRS	7	2	1	10	50	50 min	15 min	45	5	50	100	200	6 HRS
	Biochemistry	19	4	2	25	25	1	1	5	3	1	1	5	25	3	1	1	5	45	100	2 HRS	7	2	1	10	50	50 min	15 min	45	5	50	100	200	6 HRS
Formative- Weekly LMS Based Assesmen tof 30 MCQs (10 MCQs per Subject)																																		

Block	Subjects	LMS Based Assessment					OSPE							Grand Total	Total Block Time
		MCQs					LabOSPE	IOSPE	COSPE	Total	Marks	Time			
		C	HV	S	Total	Time									
BLOCK	Anatomy	21	6	3	30	30 min	14		4	2	20	60	6 HRS	90	6.5 HRS
	Physiology	21	6	3	30	30 min	14		4	2	20	60	6 HRS	90	6.5 HRS
	Biochemistry	21	6	3	30	30 min	14		4	2	20	60	6 HRS	90	6.5 HRS

Weekly LMS Assessment			
Subjects	Anatomy	Physiology	Biochemist
No of MCQs*	30	30	30
Marks/MCQ	30	30	30
*MCQ=1 Mark each, 1 min each			

50% Questions/OSPE Stations/Viva Stations will be from Foundation Module and 50% Questions will be from MSK-1 Module																													
For Each assessment student will have to individually pass Theory and Practical components																													

Marks per Item											
MCQ=1		EMQ= 5		SAQ= 5		SEQ= 9		AVOSPE= 5		OSPE= 3	
OSPE Time=1 Round of 40 Students =80 min											
3 Round of 40 Students =240 min											
OSVE=Time per student=5mins											

Annexure I

(Sample MCQ, SEQ Papers, OSPE, AV OSPE & Video Assisted OSPE)

Note: These sample papers aim to facilitate comprehension. However, it's important to note that the content and format of actual assessment papers may differ.

RAWALPINDI MEDICAL UNIVERSITY, RWP
ANATOMY DEPARTMENT
2nd Year MBBS Module Exam (Reproduction)

1. A 30 year old male having mumps came to emergency with high grade fever with feeling of heaviness, pain and swelling of scrotum. What is the most likely diagnosis
 - a. Orchitis
 - b. Cryptorchidism
 - c. Prostatitis
 - d. Salpingitis
 - e. Urethritis
3. A baby was brought to a GP Clinic with the opening of the urethra on the downward curve of penis. The baby has
 - a. Epispadias
 - b. Bladder exstrophy
 - c. Omphalocele
 - d. Rectocele
 - e. Hypospadias
5. A woman came to gynae OPD with pain lower abdomen and pelvis. Medical officer suspected rupture of ovarian cyst which was confirmed on Ultrasound of pelvis as there was a collection of fluid in the rectouterine pouch. Culdocentesis was decided via syringe, the needle would be introduced through:
 - a. Anterior fornix of vagina .
 - b. Posterior fornix of vagina .
 - c. Anal canal
 - d. Rectum
 - e. Urethra.
2. A 70-year-old male presented to OPD with severe dull backache, loss of weight and severe fatigue. His Prostate Specific Antigen were raised. On Direct Rectal Examination a hard, immobile and irregular mass was confirmed anteriorly. Most likely diagnosis is
 - a. BPH
 - b. Sciatica
 - c. PID
 - d. Prostatic Cancer
 - e. Prostatitis
4. While crossing road an elder woman was run over by a speeding car. She was taken to the emergency department by the police where an X-ray examination of the pelvis revealed the disruption of the sacroiliac joint and fracture of the body of the pubis.

Which viscera are the most vulnerable to injury during pelvic fracture?

 - a. Urinary bladder and urethra.
 - b. sigmoid colon.
 - c. appendix
 - d. cecum
 - e. anal canal

RAWALPINDI MEDICAL UNIVERSITY
REPRODUCTION MODULE-I EXAM 2ND YEAR MBBS
ANATOMY SEQS

Note: Attempt all questions. All questions carry equal marks. Draw diagram where necessary

- | | | |
|-----|---|----|
| Q1 | a. Draw and label microscopic structure of fallopian tubes. | 03 |
| | b. Briefly describe blood testis barrier. | 02 |
| Q2. | 30 years female presented in gynae OPD with complaint of repeated miscarriages. On ultrasonography she was diagnosed as a case of uterus didelphys (double uterus). | |
| | a. Give embryological basis of this condition. | 02 |
| | b. Tabulate the adult derivatives and remnants of mesonephric and paramesonephric ducts in males and females. | 03 |

RAWALPINDI MEDICAL UNIVERSITY
DEPARTMENT OF PHYSIOLOGY
REPRODUCTION MODULE-I FOR SECOND YEAR MBBS

1. Testosterone is secreted by:
 - a. Anterior pituitary gland
 - b. Posterior pituitary gland
 - c. Leyding cells of testis
 - d. Adrenal gland
 - e. Thyroid gland
2. The enzyme present in acrosome responsible for the opening pathways between the granulosa cells so that sperm can reach the ovum, is:
 - a. Lipase
 - b. Sucrase
 - c. Amylase
 - d. Lactase
 - e. Hyaluronidase
3. The normal stimulus that causes the test is to descend into the scrotum from abdomen is:
 - a. Testosterone secreted by fetal testes
 - b. Aldosterone
 - c. ADH
 - d. Fetal cortisol
 - e. Growth hormone
4. The function of testosterone in male includes:
 - a. It increases protein formation & muscle development
 - b. It decreases thickness of skin
 - c. It decreases red blood cells
 - d. It decreases basal metabolic rate
 - e. It decreases reabsorption of sodium in distal tubule
5. Increased secretion by the fallopian tubules is promoted by:
 - a. Estrogen
 - b. Prolactin
 - c. Progesterone
 - d. Oxytocin
 - e. Testosterone

RAWALPINDI MEDICAL UNIVERSITY
DEPARTMENT OF PHYSIOLOGY
REPRODUCTION MODULE-I SEQs SECOND YEAR MBBS

- Q.1 A 35-year-old male known athlete, used testosterone to improve work performance and muscle mass.
- a. How is testosterone secreted in males? (2)
 - b. Explain the feedback regulation of hypothalamic-pituitary testicular axis. (3)
- Q.2 Explain the hormonal changes during normal female monthly cycle with the help of graph. (2,3)
- Q.3 A 25-year-old obese female married for 2 years, presented with complaints of primary infertility. Her labs were performed. Hormonal profile showed raised LH and reduced FSH levels. Scan revealed multiple cysts in ovaries confirming the diagnosis of polycystic ovarian syndrome.
- a. Explain the mechanism of ovulation. (2)
 - b. Briefly explain the phases of ovarian cycle. (3)
- Q.4 A 55 years old female presented to OPD with complaints of hot flashes, insomnia and mood disturbances. The examining doctor counseled her about her menopause and related symptoms.
- a. What are the effects of estrogen on primary and secondary sexual characteristics? (2)
 - b. Enlist the effects of deficiency of estrogen. (3)
- Q.5 A 26 years old female presented with complaints of missed periods. Her pregnancy test came out be positive.
- a. Name the hormone detected in urine pregnancy test. (1)
 - b. Explain the functions of this hormone. (2.5)
 - c. Enlist the hormones secreted by the placenta. (1.5)

RAWALPINDI MEDICAL UNIVERSITY DEPARTMENT OF BIOCHEMISTRY
2ND YEAR MBBS
REPRODUCTION MODULE-I

1. Which one of the following Nitrogenous base is absent in DNA?
 - a. Adenine
 - b. Guanine
 - c. Uracil
 - d. Thymine
 - e. Cytosine
2. End product of Purine degradation is:
 - a. Urea
 - b. Uric acid
 - c. Ammonia
 - d. Allantoin
 - e. Pyruvate
3. Following is the cause main clinical feature of Gout:
 - a. Photosensitivity
 - b. Arthritis
 - c. Immunodeficiency
 - d. Jaundice
 - e. Anemia
4. Following statement is true regarding Testosterone:
 - a. It is produced by Ovaries
 - b. Acts on the liver and adipose tissue
 - c. Receptors are present on the cell surface
 - d. It is a steroid hormone
 - e. Transported as free hormone in the plasma

SEQ

- Q. a. Explain steps of synthesis of estrogen. 2.5
- b. Discuss causes of hyperuricemia. 2.5

RAWALPINDI MEDICAL UNIVERSITY DEPARTMENT OF BIOETHICS
2ND YEAR MBBS
REPRODUCTION MODULE-I

1. ----Includes rules of conduct that may be used to regulate our activities concerning the biological world.
 - a. Bio-piracy
 - b. Biosafety
 - c. Bioethics
 - d. Bio-patents
 - e. Bio-logistic
2. The right of patients having self-decision is called.
 - a. Justice
 - b. Autonomy
 - c. Beneficence
 - d. Veracity
 - e. Fidelity
3. Following is not code of ethics.
 - a. Integrity
 - b. Objectivity
 - c. Confidentiality
 - d. Behaviour
 - e. Autonomy
4. -----in the context of medical ethics, if it's fair and balanced
 - a. Justice
 - b. Autonomy
 - c. Beneficence
 - d. Veracity
 - e. Fidelity
5. -----Principle requiring that physicians provide, positive benefits
 - a. Justice
 - b. Autonomy
 - c. Beneficence
 - d. Veracity
 - e. Fidelity

**OSPE
DEPARTMENT OF ANATOMY**

**A. Core Concept with Vertical Integration
Gross Anatomy**

Station No. 1

Time Allowed: 3 mins

- I. Identify **Red** on Specimen/ Model.(C2,P) (1)
- II. Identify **Yellow** on Specimen/ Model (C2,P) (1)
- III. Identify **Green** on Specimen/ Model. (C2,P) (1)
- IV. Identify **Blue** on Specimen/ Model.(C2,P) (1)
- V. On Per Rectal (PR) examination discontinuity in the wall of green was noticed. Name the associated clinical condition. (C3)
(1)

Station No. 1 Key

- I. Ligamentum Teres (1)
- II. Lesser Omentum (1)
- III. Anal Column (1)
- IV. Major Calyx (1)
- V. Anal fissure (1)

**OSPE
DEPARTMENT OF BIOCHEMISTRY**

Station 1 (Core Concept - Skill Based)

Prepare Sample solution for Estimation of Serum Uric acid using Spectrophotometer. 03

Key Station 1 (3 Marks)

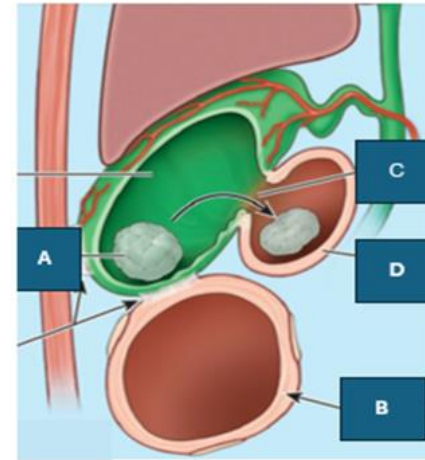
Procedure 03

- Take a clean dry cuvette
- Label it as Sample cuvette
- Add 1ml of working reagent in cuvette
- Pipette out 25uL of sample solution in cuvette

**AV OSPE
DEPARTMENT OF ANATOMY**

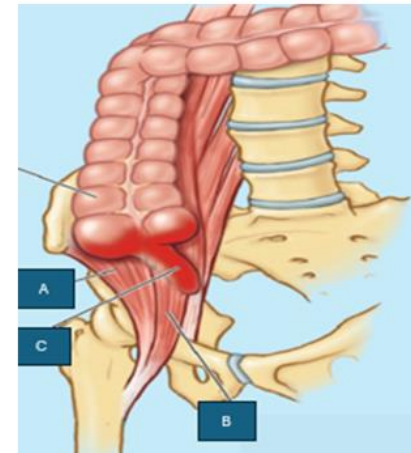
Slide 1
Gross Anatomy

- I. Label **A & B** in figure (2)
- II. What is clinical condition **C**.(1)
- III. What is clinical significance of Hartmann's pouch in relation to structure **D** (2)



Slide 2
Gross Anatomy

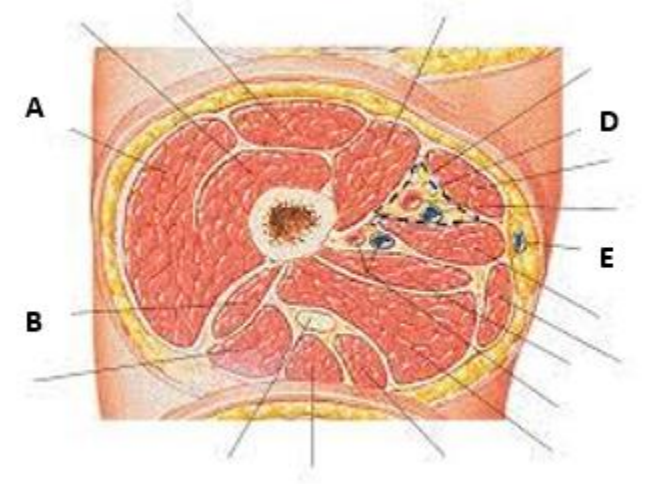
- I. Label **A & B** in figure. (2)
- II. What is clinical condition **C**. (1)
- III. What clinical sign is observed due to condition in **C** in relation to **B**. (2)



**AV OSPE
DEPARTMENT OF ANATOMY**

Cross Sectional Anatomy

- | | |
|---------------------------------|-----|
| Q.1) Identify A, B, C, D & E | 2.5 |
| Q.2) Give Nerve Supply of A & B | 2.5 |



AV OSPE
DEPARTMENT OF BIOCHEMISTRY

A 36 years old male presented in ER with severe pain in right big toe. Examination showed red tender right big toe.

Q1. What is the likely diagnosis? 01

Q2. Write the causes of this disorder? (4)



Timetable for General Educational Cluster (GEC) and Social Sciences in Medicine (SSM)Module
First Year MBBS (Batch-52)
(First Week)
21-07-2025 To 26-07-2025

Date/Day	8:00 AM – 09:00 AM	09:00 AM – 09:50 AM	09:50 AM – 10:10AM	10:10 AM – 11:00 AM	11:00 AM – 11:50 AM	11:50 AM – 12:15 PM	12:15 PM – 02:00 PM		04:00 PM – 06:00 PM					
21-07-2025 Monday	Bioethics	Holy Quran Translation	Break	Social sciences	Seerat Mubarak	Break	ITC	Expository Writing (1)						
	Islamic Concept of Bioethics	Imaniat		Fundaments Of Sociology-I	The Significance of Seerah Studies		Introduction							
22-07-2025 Tuesday	Bioethics	Holy Quran Translation		Social sciences	Seerat Mubarak		ITC	Bioethics Club Activity (2)	Expositor (2)y (Writing					
				Determenants of health	Importance of Hadees and Sunnah		Application and System Software							
23-07-2025 Wednesday	Bioethics	Holy Quran Translation		Holy Quran Translation	Seerat Mubarak		Social sciences	Social sciences						
					The importance of Hadith and Sunnah of the Prophet in religion.		Impact of social class	Case studies						
24-07-2025 Thursday	Leadership	Holy Quran Translation		Social sciences	Seerat Mubarak		Bioethics Club Activity (1)							
	Leadership Concepts			Health Behaviour	The life before the blessed birth and prophethood.									
25-07-2025 Friday	Leadership Leading Groups & Teams	Holy Quran Translation		Social sciences			FRIDAY PRAYER							
				Group discussions how social factors contribute to health disparities										
26-07-2025 Saturday	Social Work at Hospital													

Timetable for General Educational Cluster (GEC) and Social Sciences in Medicine (SSM)Module
 First Year MBBS (Batch-52)
 (Second Week)
 28-07-2025 To 02-08-2025

Date/Day	8:00 AM – 09:00 AM	09:00 AM – 09:50 AM	09:50 AM – 10:10AM	10:10 AM – 11:00 AM	11:00 AM – 11:50 AM	11:50 AM – 12:15 PM	12:15 PM – 02:00 PM	04:00 PM – 06:00 PM
28-07-2025 Monday	Entrepreneurship	Holy Quran Translation	B r e a k	Social sciences	Leadership	B r e a k	Bioethics Club Activity (3)	
	Prototype			Illness Behaviour	Leadership Group Leadership Exercise			
29-07-2025 Tuesday	Entrepreneurship	Holy Quran Translation		Social sciences	ITC		Videography	ITC Online SDL
	Ideate Initial Idea I			Doctor Patient Relationship -I	File Management / Internet and Internet & Emails		Fundamentals of Videography Camera Operation Basic	
30-07-2025 Wednesday	Entrepreneurship	Holy Quran Translation		Social sciences	Artificial Intelligence (AI)		ITC	Videography
	Ideate Initial Idea II			Doctor Patient Relationship -II	Basic Concepts of AI		Input & Output DevicesTypes of Software	Shot Composition Techniques Introduction to Lighting
31-07-2025 Thursday	Entrepreneurship	Holy Quran Translation		Holy Quran Translation	Artificial Intelligence (AI)		Social sciences	Videography
	Ideate Initial Idea III				Machine Learning & Deep Learning		Role play Doctor patient scenarios	Ethical Considerations in Media Production
01-08-2025 Friday	Entrepreneurship	Holy Quran Translation		Leadership	Artificial Intelligence (AI)		FRIDAY PRAYER	Videography
	Vision / Founder Fit-I Vision / Founder Fit-II			Self Assessment	Ethical Consideration			Basic Video Production
02-08-2025 Saturday	Social Work at Hospital							Leadership Online Reflective Journaling

Integrated Clinically Oriented Modular Curriculum for Second Year MBBS

CNS Time Table
Second Year MBBS

Session 2024 - 2025

Batch- 51

Second Year Timetable for CNS Module-I (First Week)
(04-08-2025 To 09-08-2025)

Date/Day	8:00am-9:20am		9:20am – 10:10am		10:10am – 10:30am	10:30am-11:20am		11:20am-12:10pm		12:10pm-12:30pm	12:30pm – 2:00pm	Home Assignments			
04-08-2025 Monday	Practical & CBL/SGD Topics & Venue Mentioned at the end		PHYSIOLOGY (LGIS)		Break	ANATOMY (LGIS)		SDL		Break	SGD / DISSECTION	SDL Physiology Organization of nervous system, Mechanism of synaptic transmission			
Organization of nervous system, Mechanism of synaptic transmission			Classification of sensory receptors &Properties of sensory receptors			General Anatomy Nervous system	Embryology Early development of CNS				Anterior and Middle Cranial Fossa				
Dr. Faizania (Even)			Prof. .Dr. Samia / Dr. Kamil(Odd)			Assoc. Prof. Dr. Arsalan Manzoor (Even)							Prof. Dr. Ifra Saeed (Odd)		
05-08-2025 Tuesday	Practical & CBL/SGD Topics & Venue Mentioned at the end		PHYSIOLOGY (LGIS)			ANATOMY (LGIS)		PBL 1 (SESSION-I)			SGD / DISSECTION	SDL Physiology Classification of sensory receptors			
Classification of sensory receptors &Properties of sensory receptors			Organization of nervous system, Mechanism of synaptic transmission			Embryology Early development of CNS		General anatomy Nervous system			Posterior cranial fossa				
Prof. Dr. Sami Sarwar/ Dr. Kamil (Even)			Dr. Fazania(Odd)			Prof. Dr. Ifra Saeed (Even)		Assoc. Prof .Dr. Arsalan Manzoor (Odd)							
06-08-2025 Wednesday	Practical & CBL/SGD Topics & Venue Mentioned at the end		PHYSIOLOGY (LGIS)			ANATOMY (LGIS)		BIOCHEMISTRY (LGIS)			SGD / DISSECTION	SDL Biochemistry Chylomicron Metabolism			
			Properties of synaptic transmission	Physiology of Pain, dual Pathway for Transmission of pain, Analgesia system and thermal sensation		Embryology Development of Spinal Cord		General Anatomy Autonomic Nervous System			Triglyceride Metabolism Transport		Introduction to Lipoproteins, chylomicrons, VLDL Metabolism	Meninges, Dural venous sinuses and intracranial hemorrhages	
			Dr. Fazania (Even)			Prof.. Dr. Samia / Dr. Kamil (Odd)		Prof. Dr. Ifra Saeed (Even)			Assoc. Prof .Dr. Arsalan Manzoor (Odd)		Dr. Aneela (Even)		Dr. Kashif (Odd)
			07-08-2025 Thursday	Practical & CBL/SGD Topics & Venue Mentioned at the end		PHYSIOLOGY (LGIS)		ANATOMY (LGIS)			BIOCHEMISTRY (LGIS)		SGD / DISSECTION	SDL Anatomy Posterior cranial fossa Dural venous sinuses and intracranial hemorrhages	
Physiology of Pain, dual Pathway for Transmission of pain, Analgesia system and thermal sensation	Properties of synaptic transmission	General anatomy Autonomic Nervous system				Embryology Development of Spinal Cord		Introduction to Lipoproteins, chylomicrons, VLDL Metabolism			Triglyceride Metabolism Transport	Spinal Cord			
Prof.. Dr. Samia / Dr. Kamil (Even)		Dr. Faizania (Odd)				Assoc. Prof. Dr. Arsalan Manzoor (Even)		Prof. Dr. Ifra Saeed (Odd)			Dr. Kashif (Even)		Dr. Aneela (Odd)		
08-08-2025 Friday	8:00am-9:00am					9:00am-10:00am		10:00am-11:00am			11:00am-12:00pm				
	PEDIATRICS		PHYSIOLOGY (LGIS)			QURAN TRANSLATION		QURAN TRANSLATION							
	Meningitis		Sensory Pathways for transmitting Somatic Signals	Introduction to AN, Basic Characteristics of Sympathetic & Parasympathetic	Imaniyaat-5		Imaniyaat-6								
	Dr. Mamoona Qudrat(Even)	Dr. Tanzeela Rani(Odd)	Dr. Fahd (Even)	Dr Uzma (Odd)	Mufti Naeem Sherazi (Odd)		Mufti Naeem Sherazi (Even)								
09-08-2025 Saturday	Practical & CBL/SGD Topics & Venue Mentioned at the end		PHYSIOLOGY (LGIS)		Break	PATHOLOGY		PBL 1 (SESSION-II)		Break	SGD / DISSECTION	SDL Anatomy Anterior And middle Cranial Fossa			
Introduction to ANS ,Basic Characteristics of Sympathetic & Parasympathetic			Sensory Pathways for transmitting Somatic Signals	Introduction to ANS ,Basic Characteristics of Sympathetic & Parasympathetic System		Meningitis	PBL Team		Ascending Tracts and their clinicals						
Dr. Uzma (Even)			Dr. Fahd (Odd)			Dr. Nida Fatima (even)					Dr. Kiran Ahmad (odd)				

Table No. 1 (Time: 12:20pm – 02:00pm)

Batch Distribution for Practical Skills (all subjects) CBL / Small Group Discussion (Biochemistry and Physiology)			Topics for Skill Lab with Venue		Schedule for Practical / Small Group Discussion											
			- Peripheral Nerve (Anatomy Histology Practical) Venue-Histology laboratory (Dr. Minahil Haq) - Color test for Sterols (Biochemistry practical) (Physiology Practical) Examination of sensory nervous system Venue – Physiology Lab	Day	Histology Practical		Biochemistry Practical		Supervised by HOD	Physiology Practical		Physiology SGD		Supervised by HOD	Biochemistry SGD	
					Batch	Teacher Name	Batch	Teacher Name		Batch	Teacher Name	Batch	Teacher Name		Batch	Teacher Name
Sr. No	Batch	Roll No.	Monday	C	Supervised by HOD	B	Dr. Rahat	E		Dr. Kamil	A	Dr. Aneela	D		Dr. Uzma	
1.	A	01-70	Tuesday	D		C	Dr. Nayab	A		Dr. Aneela	B	Dr. Shazia	E		Dr. Almas	
2.	B	71-140	Wednesday	E		D	Dr. Uzma	B		Dr. Shazia	C	Dr. Nayab	A		Dr. Romessa	
3.	C	141-210	Thursday	B		A	Dr. Almas	D		Dr. Iqra	E	Dr. Iqra	C		Dr. Nayab	
4.	D	211-280	Saturday	A		E	Dr. Romessa	C		Dr. Nayab	D	Dr. Kamil	B		Dr. Rahat	

Table No. 2 Batch Distribution and Venues for Anatomy Small Group Discussion SGDs / Dissections

- Physiology SGD: Synapse & sensory Receptors (Venue: Lecture Hall No 5) - Biochemistry SGD: Triglyceride Metabolism (Venue: Lecture Hall No 2)	Batches	Roll No	Anatomy Teacher	Venue	Supervised by Prof. Dr. Ayesha Yousaf
	A	01-90	Dr. Gaiti Ara	New Lecture Hall Complex # 01	
	B	91-180	Dr. Minahil Haq	New Lecture Hall Complex # 04	
	C	181-270	Dr. Tariq Furqan	Anatomy Lecture Hall 04	
	D	271 onwards	Dr. Sadia Baqir	Anatomy Lecture Hall 03	

Table No. 3 Batch Distribution with Venues and Teachers Name for Problem Based Learning (PBL) Sessions

Sr No.	Batches	Roll No	Venue	Teachers	Sr No.	Batches	Roll No	Venue	Teachers
1.	A1	(01-35)	Lecture Hall no.05 Physiology	Dr. Sana Latif (Demonstrator Biochemistry)	6.	C2	(176-210)	Lecture Hall no.04 (Basement)	Dr. Nayab Zonish (PGT Physiology)
2.	A2	(36-70)	Lecture Hall #.04 (1 st Floor Anatomy)	Dr. Farah (Demonstrator of Physiology)	7.	D1	(210-245)	Lecture Hall no.02 (Basement)	Dr. Iqra Ayub (PGT Physiology)
3.	B1	(71-105)	Anatomy Museum (First Floor Anatomy)	Dr. Rohina Khalid (Demonstrator Biochemistry)	8.	D2	(246-280)	Conference Room (Basement)	Dr. Muhammad Usman (PGT Physiology)
4.	B2	(106-140)	Lecture Hall no.03 (First Floor)	Dr. Sadia Baqir (Senior Demonstrator of Anatomy)	9.	E1	(281-315)	New Lecture Hall no.01	Dr. Ramsha (PGT Physiology)
5.	C1	(141-175)	Lecture Hall no.05 (Basement)	Dr. Ali Zain (PGT Physiology)	10	E2	(315 onwards)	Lecture Hall no.04	Dr. Jawad Hassan (Demonstrator Physiology)

Table No. 6 Venues for Large Group Interactive Session (LGIS)

Odd Roll Numbers	New Lecture Hall Complex Lecture Theater # 01
Even Roll Number	New Lecture Hall Complex Lecture Theater # 04

Second Year Timetable for CNS Module-I (Second Week)
(11-08-2025 To 16-08-2025)

Date/Day	8:00am-9:20am		9:20am – 10:10am		10:10am – 10:30am	10:30am-11:20am		11:20am-12:10pm		12:10pm-12:30pm	12:30pm – 2:00pm		Home Assignments
11-08-2025 Monday	Practical & CBL/SGD Topics & Venue Mentioned at the end		PHYSIOLOGY (LGIS)		Break	BIOCHEMISTRY (LGIS)		PATHOLOGY		Break	SGD / DISSECTION		SDL Physiology Sensory pathways for transmitting somatic signals-II
			Somatosensory cortex and lesions of somatosensory cortex	Excitatory and inhibitory effects of sympathetic and parasympathetic stimulation		LDL, HDL metabolism	Fatty Acid Oxidation I	Patterns of injury in nervous system			Descending Tracts and their clinicals		
			Dr. Fahd (Even)	Dr. Uzma (Odd)		Dr. Kashif (Even)	Dr. Aneela (Odd)	Dr. Nida Fatima (Even)			Dr Kiran Ahmad (Odd)		
12-08-2025 Tuesday	Practical & CBL/SGD Topics & Venue Mentioned at the end		PHYSIOLOGY (LGIS)			ANATOMY (LGIS)		BIOCHEMISTRY (LGIS)			SGD / DISSECTION		SDL Physiology Physiology of pain Dual pathway for transmission of pain
			Excitatory and inhibitory effects of sympathetic and parasympathetic stimulation	Somatosensory cortex and lesions of somatosensory cortex		Histology Of spinal cord and peripheral nerve	Embryology Development of Rhombencephalon	Fatty acid oxidation I			LDL, HDL metabolism		
			Dr. Uzma (Even)	Dr. Fahd (Odd)		Asst. Prof. Dr. Maria Tasleem (Even)	Prof. Dr. Ifra Saeed (Odd)	Dr. Aneela (Even)			Dr. Kashif (Odd)		
13-08-2025 Wednesday	Practical & CBL/SGD Topics & Venue Mentioned at the end		PHYSIOLOGY (LGIS)			ANATOMY (LGIS)		SURGERY			SGD / DISSECTION		SDL Biochemistry HDL & LDL Metabolism
			Concept of Association areas, Concept of Dominant and non-dominant cerebral hemispheres	CSF, Blood Brain Barrier Blood CSF Barrier, Lumbar puncher		Embryology Development of Rhombencephalon	Histology Of spinal cord and peripheral nerve	Spinal injury and Head injury			Medulla Oblongata		
			Dr. Shazia (Even)	Dr. Maryam (Odd)		Prof. Dr. Ifra Saeed (Even)	Asst. Prof. Dr. Maria Tasleem (Odd)	Dr. Soban Sarwar Gondal(Even)			Dr. Usman Malik (Odd)		
14-08-2025 Thursday	Practical & CBL/SGD Topics & Venue Mentioned at the end		PHYSIOLOGY (LGIS)			RADIOLOGY		BIOCHEMISTRY (LGIS)			SGD / DISSECTION		SDL Anatomy Meninges, Spinal ,cord
			CSF, Blood Brain Barrier Blood CSF Barrier, Lumbar puncher	Concept of Association areas, Concept of Dominant and non- dominant cerebral hemispheres		Skull Radiograph		Hyperlipidemia And Fatty Liver			Fatty acid oxidation II		
			Dr .Maryam (Even)	Dr. Shazia (odd)		Dr Riffat (Even)	Dr Saba (Odd)	Dr. Kashif (Even)			Dr. Aneela (Odd)		
15-08-2025 Friday	8:00am-900am		9:00am-10:00am		10:00am-11:00am		11:00am-12:00pm						
	MEDICINE		PHYSIOLOGY (LGIS)		PAKSTUDIES/ISLAMMIYAT								
	Spinal cord and peripheral nervous system		Speech and aphasia	Limbic system, Functionsof hypothalamus	Musawat	1973 ka Aaeen	1973 ka Aaeen	Musawat					
	Dr Javeria Malik(Even)	Dr Riffat (Odd)	Dr. Shazia (Even)	Dr. Maryam (Odd)	Mufti Naem Sherazi (Even)	Qari Aman Ullah (Odd)	Qari Aman Ullah (Even)	Mufti Naem Sherazi (Odd)					
16-08-2025 Saturday	Practical & CBL/SGD Topics & Venue Mentioned at the end		PHYSIOLOGY (LGIS)		Break	ANATOMY (LGIS)		OBS & GYNAE		Break	SGD / DISSECTION		SDL Anatomy Ascending tracts & Descending tracts
			Limbic system, Functionsof hypothalamus	Speech and aphasia		Histology of cerebellum	Embryology Development of Mesencephalon & Prosencephalon	Seizures during pregnancy(eclampsia/epilepsy)			Midbrain		
			Dr. Maryam (Even)	Dr. Shazia (Odd)		Asst. Prof. Dr. Maria (Even)	Prof. Dr. Ifra Saeed (Odd)	Dr Ismat Batool (Even)			Dr Sadia Waheed (Odd)		

Table No. 1 (Time: 12:20pm – 02:00pm)

Batch Distribution for Practical Skills (all subjects) CBL / Small Group Discussion (Biochemistry and Physiology)			Topics for Skill Lab with Venue		Schedule for Practical / Small Group Discussion											
			• (Anatomy Histology Practical) Ganglia Venue-Histology laboratory (Dr. Sadia Baqir) • (Biochemistry Practical) Detection of Cholesterol Crystals • (Physiology Practical) Examination of Motor System Venue – Physiology Lab	Day	Histology Practical		Biochemistry Practical		Supervised by HOD	Physiology Practical		Physiology SGD		Supervised by HOD	Biochemistry SGD	
					Batch	Teacher Name	Batch	Teacher Name		Batch	Teacher Name	Batch	Teacher Name			
Sr. No	Batch	Roll No.	Monday	C	Supervised by HOD	B	Dr. Rahat	E		Dr. Kamil	A	Dr. Aneela	D		Dr. Uzma	
1.	A	01-70	Tuesday	D		C	Dr. Nayab	A		Dr. Aneela	B	Dr. Shazia	E		Dr. Almas	
2.	B	71-140	Wednesday	E		D	Dr. Uzma	B		Dr. Shazia	C	Dr. Nayab	A		Dr. Romessa	
3.	C	141-210	Thursday	B		A	Dr. Almas	D		Dr. Iqra	E	Dr. Iqra	C		Dr. Nayab	
4.	D	211-280	Saturday	A		E	Dr. Romessa	C		Dr. Nayab	D	Dr. Kamil	B		Dr. Rahat	
5.	E	281-onwards	Topics for SGDs / CBL with Venue		Table No. 2 Batch Distribution and Venues for Anatomy Small Group DiscussionSGDs / Dissections											

	• Physiology SGD: Autonomic Nervous System (Venue: Lecture Hall No 5) • Biochemistry SGD: Fatty Acid Oxidation (Venue: Lecture Hall No 2)	Batches	Roll No	Anatomy Teacher	Venue	Supervised by Prof. Dr. Ayesha Yousaf
		A	01-90	Dr. Gaiti Ara	New Lecture Hall Complex # 01	
		B	91-180	Dr. Minahil Haq	New Lecture Hall Complex # 04	
		C	181-270	Dr. Tariq Furqan	Anatomy Lecture Hall 04	
		D	271 onwards	Dr. Sadia Baqir	Anatomy Lecture Hall 03	

Table No. 3 Batch Distribution with Venues and Teachers Name for Problem Based Learning (PBL) Sessions

Sr No.	Batches	Roll No	Venue	Teachers	Sr No.	Batches	Roll No	Venue	Teachers
1.	A1	(01-35)	Lecture Hall no.05 Physiology	Dr. Sana Latif (Demonstrator Biochemistry)	6.	C2	(176-210)	Lecture Hall no.04 (Basement)	Dr. Nayab Zonish (PGT Physiology)
2.	A2	(36-70)	Lecture Hall #.04 (1 st Floor Anatomy)	Dr. Farah (Demonstrator of Physiology)	7.	D1	(210-245)	Lecture Hall no.02 (Basement)	Dr. Iqra Ayub (PGT Physiology)
3.	B1	(71-105)	Anatomy Museum (First Floor Anatomy)	Dr. Rohina Khalid (Demonstrator Biochemistry)	8.	D2	(246-280)	Conference Room (Basement)	Dr. Muhammad Usman (PGT Physiology)
4.	B2	(106-140)	Lecture Hall no.03 (First Floor)	Dr. Sadia Baqir (Senior Demonstrator of Anatomy)	9.	E1	(281-315)	New Lecture Hall no.01	Dr. Ramsha (PGT Physiology)
5.	C1	(141-175)	Lecture Hall no.05 (Basement)	Dr. Ali Zain (PGT Physiology)	10	E2	(315 onwards)	Lecture Hall no.04	Dr. Jawad Hassan (Demonstrator Physiology)

No PBL during this week

Table No. 6 Venues for Large Group Interactive Session (LGIS)

Odd Roll Numbers	New Lecture Hall Complex Lecture Theater # 01
Even Roll Number	New Lecture Hall Complex Lecture Theater # 04

Second Year Timetable for CNS Module-I (Third Week)
(18-08-2025 To 23-08-2025)

Date/Day	8:00am-9:20am		9:20am – 10:10am		10:10am – 10:30am	10:30am-11:20am		11:20am-12:10pm		12:10pm-12:30pm	12:30pm – 2:00pm		Home Assignments				
18-08-2025 Monday	Practical & CBL/SGD Topics & Venue Mentioned at the end		PHYSIOLOGY (LGIS)		Break	ANATOMY (LGIS)		PHYSIOLOGY SDL NO. 1		Break	CBL/SGD/ DISSECTION		SDL Physiology CSF, BBB, Blood CSF Barrier, LP				
Learning & Memory			Reticular Activating System & Sleep	Embryology Development of Mesencephalon & Prosencephalon		Histology of cerebellum	Somatosensory system & its lesions		CBL (Cystic Astrocytoma of Cerebellum) Cerebellum								
Dr. Maryam (Even)			Dr. Fahd (Odd)			Prof. Dr. Ifra Saeed (Even)		Asst. Prof. Dr. Maria Tasleem (Odd)			Dr. Ramsha (Odd)	Dr. Ali Zain (Even)					
19-08-2025 Tuesday	Practical & CBL/SGD Topics & Venue Mentioned at the end		PHYSIOLOGY (LGIS)			Break	BIOCHEMISTRY (LGIS)		PHYSIOLOGY SDL NO. 2		Break	SGD / DISSECTION		SDL Physiology Muscle spindle & Golgi tendon organ			
Reticular Activating System & Sleep			Learning & Memory	Hyperlipidemia & Fatty Liver			Fatty acid Oxidation-II		CSF, BBB, Blood CSF Barrier, Lumbar puncher			Thalamus, Epithalamus, Subthalamus					
Dr. Fahd (Even)			Dr. Maryam (Odd)				Dr. Kashif (Even)		Dr. Aneela (Odd)			Dr. Maryam (Even)	Dr. Iqra (Odd)				
20-08-2025 Wednesday	Independence Day																
21-08-2025 Thursday	Practical & CBL/SGD Topics & Venue Mentioned at the end		PHYSIOLOGY (LGIS)		Break		BIOCHEMISTRY (LGIS)		PHYSIOLOGY SDL NO. 3			Break	SGD / DISSECTION		SDL Biochemistry Fatty acid oxidation		
EEG & Epilepsy			Introduction to Moto Nervous System & reflex action, Conditional Reflexes & Its Properties, Control of Spinal cord Reflexes by Higher Centers	Fatty acid synthesis			Cholesterol synthesis and regulation, hypercholesterolemia	Introduction to ANS		Hypothalamus							
Dr. Maryam (Even)			Dr Sidra (Odd)				Dr Aneela (Even)		Dr. Kashif (Odd)				Dr. Farah (Even)	Dr. Najam us Sehar (Odd)			
22-08-2025 Friday	8:00 AM – 9:00 AM		9:00 AM – 10:00 AM			10:00– 11:00AM		11:00– 12:00AM		SDL Anatomy Medulla Oblongata & Pons & Cerebellum							
	BIOCHEMISTRY (LGIS)		PHYSIOLOGY (LGIS)			PAKSTUDIES/ISLAMMIYAT											
	Metabolism of Glycerophospholipids and siphonophore lipid	Ketone body metabolism	EEG & Epilepsy	Introduction to Moto Nervous System & reflex action, Conditional Reflexes & Its Properties, Control of Spinal cord Reflexes by Higher Centers		Khwateen k hakook		Qayam e Pakistan, Ibtidai Mushkilaat / Islmi Jamuraiat							Qayam e Pakistan, Ibtidai Mushkilaat / Islmi Jamuraiat		Khwateen k hakook
	Dr. Kashif (Even)	Dr. Aneela (Odd)	Dr Sidra (Even)	Dr. Maryam (Odd)		Mufti Naem Sherazi (Even)		Qari Aman Ullah (Odd)							Qari Aman Ullah(Even)	Mufti Naem Sherazi (Odd)	
23-08-2025 Saturday	Practical & CBL/SGD Topics & Venue Mentioned at the end		PHYSIOLOGY (LGIS)		Break	BIOCHEMISTRY (LGIS)		MEDICINE (LGIS)		Break	SGD / DISSECTION		SDL Anatomy Diencephalon *Online Clinical Evaluation				
EEG & Epilepsy			Introduction to Moto Nervous System & reflex action, Conditional Reflexes & Its Properties, Control of Spinal cord Reflexes by Higher Centers	Cholesterol synthesis and regulation, hypercholesterolemia		Fatty acid synthesis		Cerebellar disorders			Cortical areas, Layers and Lesions of Cerebrum						
Dr Sidra (Even)			Dr. Maryam (Odd)			Dr. Kashif (Even)		Dr. Aneela (Odd)			Dr Javeria Malik (Even)	Dr Faran Maqbool (Odd)					

Table No. 1 (Time: 12:20pm – 02:00pm)

Batch Distribution for Practical Skills (all subjects) CBL / Small Group Discussion (Biochemistry and Physiology)			Topics for Skill Lab with Venue		Schedule for Practical / Small Group Discussion												
			(Anatomy Histology Practical) Spinal Cord Venue-Histology laboratory (Dr. Gaiti Ara) (Biochemistry Practical) Estimation of serum TAGS (Physiology Practical) Examination of Cerebellar System Venue – Physiology Lab Lab	Day	Histology Practical		Biochemistry Practical		Supervised by HOD	Physiology Practical		Physiology SGD		Supervised by HOD	Biochemistry SGD		
					Batch	Teacher Name	Batch	Teacher Name		Batch	Teacher Name	Batch	Teacher Name		Batch	Teacher Name	
Sr. No	Batch	Roll No.	Monday	C	Supervised by HOD	B	Dr. Rahat	E		Dr. Kamil	A	Dr. Aneela	D		Dr. Uzma		
1.	A	01-70	Tuesday	D		C	Dr. Nayab	A		Dr. Aneela	B	Dr. Shazia	E		Dr. Almas		
2.	B	71-140	Wednesday	E		D	Dr. Uzma	B		Dr. Shazia	C	Dr. Nayab	A		Dr. Romessa		
3.	C	141-210	Thursday	B		A	Dr. Almas	D		Dr. Iqra	E	Dr. Iqra	C		Dr. Nayab		
4.	D	211-280	Saturday	A		E	Dr. Romessa	C		Dr. Nayab	D	Dr. Kamil	B		Dr. Rahat		
5.	E	281-onwards	Topics for SGDs / CBL with Venue			Table No. 2 Batch Distribution and Venues for Anatomy Small Group DissscussionSGDs / Dissections											

		- Anatomy CBL: Cystic Astrocytoma of Cerebellum - Physiology SGDs: Motor nervous system, muscle spindle and Golgi tendon organ (Venue: Lecture Hall No 5) - Biochemistry CBL: Respiratory Distress syndrome (Venue: Lecture Hall No 2)		Batches	Roll No	Anatomy Teacher	Venue	Supervised by Prof. Dr. Ayesha Yousaf	
				A	01-90	Dr. Gaiti Ara	New Lecture Hall Complex # 01		
				B	91-180	Dr. Minahil Haq	New Lecture Hall Complex # 04		
				C	181-270	Dr. Tariq Furqan	Anatomy Lecture Hall 04		
				D	271 onwards	Dr. Sadia Baqir	Anatomy Lecture Hall 03		

Table No. 3 Batch Distribution with Venues and Teachers Name for Problem Based Learning (PBL) Sessions

Sr No.	Batches	Roll No	Venue	Teachers	Sr No.	Batches	Roll No	Venue	Teachers
1.	A1	(01-35)	Lecture Hall no.05 Physiology	Dr. Sana Latif (Demonstrator Biochemistry)	6.	C2	(176-210)	Lecture Hall no.04 (Basement)	Dr. Nayab Zonish (PGT Physiology)
2.	A2	(36-70)	Lecture Hall #.04 (1st Floor Anatomy)	Dr. Farah (Demonstrator of Physiology)	7.	D1	(210-245)	Lecture Hall no.02 (Basement)	Dr. Iqra Ayub (PGT Physiology)
3.	B1	(71-105)	Anatomy Museum (First Floor Anatomy)	Dr. Rohina Khalid (Demonstrator Biochemistry)	8.	D2	(246-280)	Conference Room (Basement)	Dr. Muhammad Usman (PGT Physiology)
4.	B2	(106-140)	Lecture Hall no.03 (First Floor)	Dr. Sadia Baqir (Senior Demonstrator of Anatomy)	9.	E1	(281-315)	New Lecture Hall no.01	Dr. Ramsha (PGT Physiology)
5.	C1	(141-175)	Lecture Hall no.05 (Basement)	Dr. Ali Zain (PGT Physiology)	10	E2	(315 onwards)	Lecture Hall no.04	Dr. Jawad Hassan (Demonstrator Physiology)

No PBL during this week

Table No. 6 Venues for Large Group Interactive Session (LGIS)

Odd Roll Numbers	New Lecture Hall Complex Lecture Theater # 01
Even Roll Number	New Lecture Hall Complex Lecture Theater # 04

Second Year Timetable for CNS Module-I (Fourth Week)
(25-08-2025 To 30-08-2025)

Date/Day	8:00am-9:20am	9:20am – 10:10am		10:10am – 10:30am	10:30am-11:20am		11:20am-12:10pm		12:10pm-12:30pm	12:30pm – 2:00pm	Home Assignments
25-08-2025 Monday	Practical & CBL/SGD Topics & Venue Mentioned at the end	PHYSIOLOGY (LGIS)		Break	SURGERY		MEDICINE		Break	SGD / DISSECTION	SDL Physiology Hypothalamus
		Introduction to Cerebellum, Neuronal Circuits of Cerebellum & Its Motor functions	Muscle Spindle & Golgi Tendon organ, role of muscle spindle & Golgi tendon organ in voluntary motor activity		Management of hydrocephalus		Epilepsy and other convulsive disorders			Dissection	
		Dr. Faizania (Even)	Dr. Sidra (Odd)		Dr. Fraz Mehmood (Even)	Dr. Ammad ul Haq (Odd)	Dr Javeria Malik (Even)	Dr Faran Maqbool (Odd)			
26-08-2025 Tuesday	Practical & CBL/SGD Topics & Venue Mentioned at the end	PHYSIOLOGY LGIS			ANATOMY (LGIS)		PBL 2 (SESSION-I)			SGD / DISSECTION	SDL Physiology Properties of reflex action, Control of spinal cord reflexes by higher centers
		Muscle Spindle & Golgi Tendon organ, role of muscle spindle & Golgi tendon organ in voluntary motor activity	Introduction to Cerebellum, Neuronal Circuits of Cerebellum & Its Motor functions		Histology of Cerebrum	Embryology Development of Peripheral and Autonomic Nervous System	PBL Team			Lateral ventricle, Ventricular system, CSF and Blood Brain Barrier	
		Dr. Sidra (Even)	Dr. Fazania (Odd)		Asst. Prof. Dr Maria Tasleem (Even)	Prof. Dr. Ifra Saeed (Odd)					
27-08-2025 Wednesday	Practical & CBL/SGD Topics & Venue Mentioned at the end	PHYSIOLOGY SDL NO. 4			ANATOMY (LGIS)		MEDICINE			SGD / DISSECTION	SDL Biochemistry Synthesis &Interconversion of Ketone Bodies (diagrammatically) Regulation of Ketogenesis Ketolases
		EEG & Epilepsy			Embryology Development of Peripheral and Autonomic Nervous System	Histology of Cerebrum	Encephalitis			Cranial nerves-I,II,II,IV,VI	
		Dr Maryam (Even)	Dr. Iqra (Odd)		Prof. Dr. Ifra Saeed (Even)	Asst. Prof. Dr. Maria Tasleem (Odd)	Dr Javeria Malik (Even)	Dr Faran Maqbool(Odd)			
28-08-2025 Thursday	Practical & CBL/SGD Topics & Venue Mentioned at the end	PHYSIOLOGY SDL NO 5			BIOCHEMISTRY SDL		PBL 2 (SESSION-II)			SGD / DISSECTION	SDL Biochemistry
		Reticular Activating System & Sleep		Glycerophospholipids & Sphingolipids		PBL Team					
		Dr Farah (Even)	Dr. Ali Zain (Odd)	Dr. Uzma Zafar (Odd)	Dr. Rahat (Even)						
29-08-2025 Friday	8:00 AM – 9:00 AM	9:00 AM – 10:00 AM		10:00– 11:00AM		11:00AM – 12:00PM		SDL Anatomy Lateral ventricle, Ventricular system, CSF and Blood Brain Barrier			
	Practical & CBL/SGD Topics & Venue Mentioned at the end. (Wednesday Batch 14-08-2024)	PHYSIOLOGY SDL NO 6		SGD / DISSECTION							
		Motor Cortex & Physiological Importance of Neocortex, Cortico Spinal or pyramidal Tract Extra Pyramidal System		Cranial Nerves VIII-XII							
30-08-2025 Saturday	Practical & CBL/SGD Topics & Venue Mentioned at the end	Early Clinical Exposure (ECE)									SDL Anatomy Cranial Nerves 1-7

Table No. 1 (Time: 12:20pm – 02:00pm)

Batch Distribution for Practical Skills (all subjects) CBL / Small Group Discussion (Biochemistry and Physiology)			Topics for Skill Lab with Venue		Schedule for Practical / Small Group Discussion											
			(Anatomy Histology Practical) Cerebellum Venue-Histology laboratory (Dr. Minahil Haq) (Biochemistry Practical) Estimation of Serum HDL (Physiology Practical) Ophthalmoscopy Venue – Physiology Lab	Day	Histology Practical		Biochemistry Practical		Supervised by HOD	Physiology Practical		Physiology SGD		Supervised by HOD	Biochemistry SGD	
Batch	Teacher Name	Batch			Teacher Name	Batch	Teacher Name	Batch		Teacher Name	Batch	Teacher Name				
Sr. No	Batch	Roll No.		Monday	C	Supervised by HOD	B	Dr. Rahat		E	Dr. Kamil	A	Dr. Aneela		D	Dr. Uzma
1.	A	01-70		Tuesday	D		C	Dr. Nayab		A	Dr. Aneela	B	Dr. Shazia		E	Dr. Almas
2.	B	71-140		Wednesday	E		D	Dr. Uzma		B	Dr. Shazia	C	Dr. Nayab		A	Dr. Romessa
3.	C	141-210		Thursday	B		A	Dr. Almas		D	Dr. Iqra	E	Dr. Iqra		C	Dr. Nayab
4.	D	211-280		Saturday	A		E	Dr. Romessa		C	Dr. Nayab	D	Dr. Kamil		B	Dr. Rahat

Table No. 3 Batch Distribution with Venues and Teachers Name for Problem Based Learning (PBL) Sessions

Sr No.	Batches	Roll No	Venue	Teachers	Sr No.	Batches	Roll No	Venue	Teachers
1.	A1	(01-35)	Lecture Hall no.05 Physiology	Dr. Sana Latif (Demonstrator Biochemistry)	6.	C2	(176-210)	Lecture Hall no.04 (Basement)	Dr. Nayab Zonish (PGT Physiology)
2.	A2	(36-70)	Lecture Hall #.04 (1st Floor Anatomy)	Dr. Farah (Demonstrator of Physiology)	7.	D1	(210-245)	Lecture Hall no.02 (Basement)	Dr. Iqra Ayub (PGT Physiology)
3.	B1	(71-105)	Anatomy Museum (First Floor Anatomy)	Dr. Romessa (Demonstrator Biochemistry)	8.	D2	(246-280)	Conference Room (Basement)	Dr. Muhammad Usman (PGT Physiology)
4.	B2	(106-140)	Lecture Hall no.03 (First Floor)	Dr. Sadia Baqir (Senior Demonstrator of Anatomy)	9.	E1	(281-315)	New Lecture Hall no.01	Dr. Ramsha (PGT Physiology)
5.	C1	(141-175)	Lecture Hall no.05 (Basement)	Dr. Ali Zain (PGT Physiology)	10	E2	(315 onwards)	Lecture Hall no.04	Dr. Jawad Hassan (Demonstrator Physiology)

Table No. 6 Venues for Large Group Interactive Session (LGIS)

Odd Roll Numbers	New Lecture Hall Complex Lecture Theater # 01
Even Roll Number	New Lecture Hall Complex Lecture Theater # 04

Second Year Timetable for CNS Module-I (Fifth Week)
(01-09-2025 To 06-09-2025)

Date/Day	8:00am-9:20am	9:20am – 10:10am		10:10am – 10:30am	10:30am-11:20am		11:20am-12:10pm		12:10pm-12:30pm	12:30pm – 2:00pm		Home Assignments
01-09-2025 Monday	Practical & CBL/SGD Topics & Venue Mentioned at the end	PHYSIOLOGY (LGIS)		Break	MEDICINE		FAMILY MEDICINE		Break	SGD / DISSECTION		SDL Physiology Introduction to cerebellum Neuronal circuits of cerebellum
		Manifestations of Cerebellar Disease	Poly synaptic reflexes & transaction of spinal cord, role of brain stem in controlling motor function & lesions of motor system		Stroke		Approach to a patient with neuronal disease			Basal Ganglia		
		Dr Fazania (Even)	Dr. Sidra (Odd)		Dr Javeria Malik (Even)	Dr Faran Maqbool (Odd)	Dr. Sadia					
02-09-2025 Tuesday	Practical & CBL/SGD Topics & Venue Mentioned at the end	PHYSIOLOGY (LGIS)			PHYSIOLOGY SDLNO. 7		BEHAVIORAL SCIENCES			SGD / DISSECTION		SDL Physiology Basal Ganglia & Lesions
		Poly synaptic reflexes & transaction of spinal cord, role of brain stem in controlling motor function & lesions	Manifestations of Cerebellar Disease		Limbic System & function of Hypothalamus		Memory & Emotions			Limbic system and Reticular Formation		
		Dr. Sidra (Even)	Dr Fazania (Odd)		Dr. Maryam (Odd)	Dr. Iqra (Even)	Dr. M. Azeem Rao (Even)	Dr. Zarnain Umar (Odd)				
03-09-2025 Wednesday	Practical & CBL/SGD Topics & Venue Mentioned at the end	PHYSIOLOGY (LGIS)			RADIOLOGY		SURGERY			CBL/SGD/ DISSECTION		SDL Biochemistry Synthesis of Cholesterol and its regulation
		Basal Ganglia & Lesions	Motor Cortex & Physiological importance of Neocortex, Cortico Spinal or Pyramidal tracked, Extra pyramidal Systems		CT scan and MRI (Brain and Spinal Cord)		Poly trauma patient			CBL(Middle Cerebral Artery Stroke) Blood supply of Brain and Clinicals		
		Dr. Uzma (Even)	Dr Maryam (Odd)		Dr Anum Zahoor (even)	Dr Faisal (odd)	Dr. Fraz Mehmood (Even)	Dr. Ali Tasaddaq(Odd)				
04-09-2025 Thursday	Practical & CBL/SGD Topics & Venue Mentioned at the end	PHYSIOLOGY (LGIS)			ANATOMY (LGIS)		BEHAVIORAL SCIENCES			SGD / DISSECTION		SDL Anatomy Cranial nerves 8-12, Basal Ganglia, Limbic system and Reticular Formation
		Motor Cortex & Physiological importance of Neocortex, Cortico Spinal or Pyramidal tracked, Extra pyramidal Systems	Basal Ganglia & Lesions		Development of Cranium	Development of Cranium	Metacognition			Radiological Imaging of CNS		
		Dr Maryam (Even)	Dr. Uzma (Odd)		Prof. Dr. Ifra Saeed (Odd)	Prof. Dr. Saima (Even)	Dr. Zarnain Umar(even)	Dr. Sadia Yasir(odd)				
05-09-2025 Friday	8:00 AM – 9:00 AM		9:00 AM – 10:00 AM		10:00 – 11:00AM		11:00AM – 12:00PM		SDL Anatomy			
	QURAN TRANSLATION IV		QURAN TRANSLATION V		BIOCHEMISTRY (LGIS)		PHYSIOLOGY SDL NO.8					
	Momalat-I		Momalat-II		Metabolism of Glycerophospholipids and sphingophospho lipid	Ketone Body Metabolism	Learning & Memory					
	Mufti Naeem Sherazi (Odd)		Mufti Naeem Sherazi (Even)		Dr. Kashif (Even)		Dr. Aneela (Odd)		Dr Nayab (Even)	Dr. Iqra (Odd)		
06-09-2025 Saturday	Practical & CBL/SGD Topics & Venue Mentioned at the end	PHYSIOLOGY SDL NO. 09		Break	PHYSIOLOGY SDL NO. 10		ISLAMİYAT		Break	SGD/ DISSECTION		SDL Biochemistry Online Clinical Evaluation
		Gasal Ganglia & its Lesions			Sensory Pathways for Transmitting somatic Signals		Haj tul Wida Khutba			Cross Sectional Study / Dissection		
		Dr. Maryam (Odd)	Dr. Iqra (Even)		Dr. Jawad (Even)		Dr. Usman (Odd)	Mufti Naeem Shirazi				

Table No. 1 (Time: 12:20pm – 02:00pm)

Batch Distribution for Practical Skills (all subjects) CBL / Small Group Discussion (Biochemistry and Physiology)			Topics for Skill Lab with Venue		Schedule for Practical / Small Group Discussion											
			(Anatomy Histology Practical) Cerebrum. Venue-Histology laboratory (Dr. Sadia Baqir) (Biochemistry Practical) Lipid Solubility & Acrolein test (Physiology Practical) Determination of field of vision Venue – Physiology Lab	Day	Histology Practical		Biochemistry Practical		Supervised by HOD	Physiology Practical		Physiology SGD		Supervised by HOD	Biochemistry SGD	
					Batch	Teacher Name	Batch	Teacher Name		Batch	Teacher Name	Batch	Teacher Name		Batch	Teacher Name
Sr. No	Batch	Roll No.		Monday	C	Supervised by HOD	B	Dr. Rahat	Supervised by HOD	E	Dr. Kamil	A	Dr. Aneela	Supervised by HOD	D	Dr. Uzma
1.	A	01-70	Tuesday	D	C		Dr. Nayab	A		Dr. Aneela	B	Dr. Shazia	E		Dr. Almas	
2.	B	71-140	Wednesday	E	D		Dr. Uzma	B		Dr. Shazia	C	Dr. Nayab	A		Dr. Romessa	
3.	C	141-210	Thursday	B	A		Dr. Almas	D		Dr. Iqra	E	Dr. Iqra	C		Dr. Nayab	
4.	D	211-280	Saturday	A	E		Dr. Romessa	C		Dr. Nayab	D	Dr. Kamil	B		Dr. Rahat	

Table No. 2 Batch Distribution and Venues for Anatomy Small Group DiscussionSGDs / Dissections

• Anatomy CBL: Middle Cerebral Artery Stroke • Physiology SGD: Basal Ganglia & limbic system (Venue: Lecture Hall No 5) • Biochemistry SGD: Ketone body metabolism (Venue: Lecture Hall No 2)	Batches	Roll No	Anatomy Teacher	Venue	Supervised by Prof. Dr. Ayesha Yousaf
	A	01-90	Dr. Gaiti Ara	New Lecture Hall Complex # 01	
	B	91-180	Dr. Minahil Haq	New Lecture Hall Complex # 04	
	C	181-270	Dr. Tariq Furqan	Anatomy Lecture Hall 04	
	D	271 onwards	Dr. Sadia Baqir	Anatomy Lecture Hall 03	

Table No. 3 Batch Distribution with Venues and Teachers Name for Problem Based Learning (PBL) Sessions

Sr No.	Batches	Roll No	Venue	Teachers	Sr No.	Batches	Roll No	Venue	Teachers
1.	A1	(01-35)	Lecture Hall no.05 Physiology	Dr. Sana Latif (Demonstrator Biochemistry)	6.	C2	(176-210)	Lecture Hall no.04 (Basement)	Dr. Nayab Zonish (PGT Physiology)
2.	A2	(36-70)	Lecture Hall #.04 (1st Floor Anatomy)	Dr. Farah (Demonstrator of Physiology)	7.	D1	(210-245)	Lecture Hall no.02 (Basement)	Dr. Iqra Ayub (PGT Physiology)
3.	B1	(71-105)	Anatomy Museum (First Floor Anatomy)	Dr. Romessa (Demonstrator Biochemistry)	8.	D2	(246-280)	Conference Room (Basement)	Dr. Muhammad Usman (PGT Physiology)
4.	B2	(106-140)	Lecture Hall no.03 (First Floor)	Dr. Sadia Baqir (Senior Demonstrator of Anatomy)	9.	E1	(281-315)	New Lecture Hall no.01	Dr. Ramsha (PGT Physiology)
5.	C1	(141-175)	Lecture Hall no.05 (Basement)	Dr. Ali Zain (PGT Physiology)	10	E2	(315 onwards)	Lecture Hall no.04	Dr. Jawad Hassan (Demonstrator Physiology)

No PBL during this week

Table No. 6 Venues for Large Group Interactive Session (LGIS)

Odd Roll Numbers	New Lecture Hall Complex Lecture Theater # 01
Even Roll Number	New Lecture Hall Complex Lecture Theater # 04

Schedule for LMS Based Weekly Online Assessments for Second Year MBBS (CNS Module-I) Batch 51

The online assessment for CNS Module-I for Second Year MBBS will be as per following schedule:

Class	Module	Day & Date	Time of Assessment	Focal person	Department Responsible
Second Year MBBS	CNS Module-I	Monday 11 th August,2025	9:00 pm-9:30pm	Prof. Dr Ayesha Yousaf	Anatomy
		Tuesday 12 th August,2025	9:00 pm-9:30pm	Prof. Dr Samia Sarwar	Physiology
		Wednesday 13 th August, 2025	9:00 pm-9:30pm	Dr Aneela Jamil	Biochemistry
		Monday 18 th August,2025	9:00 pm-9:30pm	Prof. Dr Ayesha Yousaf	Anatomy
		Tuesday 19 th August, 2025	9:00 pm-9:30pm	Prof. Dr Samia Sarwar	Physiology
		Thursday 20 th August,2025	9:00 pm-9:30pm	Dr Aneela Jamil	Biochemistry
		Monday 25 th August,2025	9:00 pm-9:30pm	Prof. Dr Ayesha Yousaf	Anatomy
		Tuesday 26 th August,2025	9:00 pm-9:30pm	Prof. Dr Samia Sarwar	Physiology
		Wednesday27th August,2025	9:00 pm-9:30pm	Dr Aneela Jamil	Biochemistry

Second Year Timetable for CNS Module-I (Sixth Week)
(08-09-2025 to 17-09-2025)

Date / Day	8:00 AM – 9:00 AM	12:00-02:00pm
08-09-2025 Monday	Module Assessment	
09-09-2025 Tuesday		
10-09-2025 Wednesday		
11-09-2025 Thursday	Block Assessment	
12-09-2025 Friday		
13-09-2025 Saturday		
15-09-2025 Monday		
16-09-2025 Tuesday		
17-09-2025 Wednesday		

Note: Detailed notice regarding content, time and venue will be issued accordingly

Note: Timetable Subject to change according to the current circumstances.

Special Senses Module Time Table

Second Year MBBS

Session 2024-2025

Batch- 51

Second Year MBBS Time Table For Special Senses Module (First Week)
(18-09-2025 To 24-09-2025)

Date / Day	8:00am-9:20am	9:20am – 10:10am		10:10am-10:30am	10:30am-11:20am		11:20am-12:10pm		12:10pm-12:30pm	12:30pm – 2:00pm	Home Assignments(2HRS)						
18-09-2025 Thursday	Practical & CBL/SGD Topic mentioned at the end	PHYSIOLOGY LGIS		Break	ANATOMY LGIS		BEHAVIORAL SCIENCES		Break	SGD/DISECTION	SDL Physiology Introduction to Physiology of Eye & Optics of vision. General Principles of optics, Physiological basis for errors of refraction						
		Introduction to Physiology of Eye & Optics of vision. General Principles of optics, Physiological basis for errors of refraction			Histology of Eye-I		Development of Eye-I			Perception							
		Dr. Uzma (Even)			Dr. Fareed (Odd)		Assist. Prof. Dr. Maria (Even)			Prof. Dr. Ifra Saeed (Odd)		Dr. Mahmood Ali (even)		Dr. Sadia Yasir (Odd)			
19-09-2025 Friday																	
20-09-2025 Saturday	Practical & CBL/SGD Topic mentioned at the end	PHYSIOLOGY LGIS		Break	PBL 1 (SESSION I)		EYE		Break	SGD/DISECTION	SDL Physiology Fluid system of the eye Intraocular pressure, Function of the Structural Elements of the Retina						
		Introduction to Physiology of external ear, Middle ear			Introduction to Physiology of Eye & Optics of vision. General Principles of optics, Physiological basis for errors of refraction		PBL Team			Cataract & Glaucoma		Norma Basalis					
		Dr. Fareed (Even)			Dr. Uzma (Odd)					Dr. Sidra Jabeen (Even)		Dr. Ambreen (Odd)					
22-09-2025 Monday	Practical & CBL/SGD Topic mentioned at the end	PHYSIOLOGY LGIS			Practical & CBL/SGD Topic mentioned at the end Tuesday Batch 17-09-2024		ANATOMY LGIS			Break	CBL/DISECTION	SDL Anatomy Norma frontalis					
		Fluid system of the eye Intraocular pressure, Function of the Structural Elements of the Retina					Functions of Inner ear, Physiology of Hearing				Development of Eye-I		Histology of Eye-I		Lateral and occipital aspect of cranium (Norma lateralis & occipitalis)		
		Dr. Uzma (Even)					Dr Fareed (Odd)				Prof. Dr. Ifra Saeed (Even)		Assist. Prof. Dr. Maria (Odd)		Extra Dural hemorrhage		
23-09-2025 Tuesday	8:00 AM – 9:00 AM		9:00 AM – 10:00 AM		10:00 – 11:00AM		11:00AM – 12:00PM		SDL Biochemistry Receptors								
	SGD/DISECTION	BIOCHEMISTRY (LGIS)		ISLAMIYAT		PBL 1 (SESSION II)											
	Scalp	Receptors		Neurotransmitters		Imaniat (hadith)		PBL team									
Dr. Uzma (Even)		Dr. Aneela (Odd)		Mufti Naem Sherazi													
24-09-2025 Wednesday	8:00am-9:20am		9:20am – 10:10am		10:10am-10:30am	10:30am-11:20am		11:20am -12:50pm		12:50pm - 01:10pm	01:10pm -02:00pm	SDL Anatomy verticalis and basalis					
	Practical & CBL/SGD Topic mentioned at the end	BIOCHEMISTRY (LGIS)		Break	FAMILY MEDICINE		SGD/DISECTION		Break	PAK STUDIES							
		Neurotransmitters			Receptors		Approach to a patient with earache			Mandible, Temporomandibular joint			Pakistan ki jughraiyyai ahmiyat aur difai haisiyat				
		Dr. Aneela (Even)			Dr. Uzma (Odd)		Dr. Sadia						Qari Aman Ullah				

Table No. 1 (Time: 12:20pm – 02:00pm)

Batch Distribution for Practical Skills (all subjects) CBL / Small Group Discussion (Biochemistry and Physiology)			Topics for Skill Lab with Venue	Schedule for Practical / Small Group Discussion												
				Day	Histology Practical		Biochemistry Practical		Supervised by HOD	Physiology Practical		Physiology SGD		Supervised by HOD	Biochemistry SGD	
					Batch	Teacher Name	Batch	Teacher Name		Batch	Teacher Name	Batch	Teacher Name		Batch	Teacher Name
Sr. No	Batch	Roll No.	- Cornea (Anatomy Histology Practical) Venue-Histology laboratory-Dr. Gaiti Ara (Biochemistry Practical) Interpetation of Labs Reports Venue- Biochemistry laboratory - Examination of Visual Acuity (Physiology Practical) Venue – Physiology Lab	Monday	C	Supervised by HOD	B	Dr. Rahat	Supervised by HOD	E	Dr. Kamil	A	Dr. Aneela	Supervised by HOD	D	Dr. Uzma
1.	A	01-70		Tuesday	D		C	Dr. Nayab		A	Dr. Aneela	B	Dr. Shazia		E	Dr. Almas
2.	B	71-140		Wednesday	E		D	Dr. Uzma		B	Dr. Shazia	C	Dr. Nayab		A	Dr. Romessa
3.	C	141-210		Thursday	B		A	Dr. Almas		D	Dr. Iqra	E	Dr. Iqra		C	Dr. Nayab
4.	D	211-280		Saturday	A		E	Dr. Romessa		C	Dr. Nayab	D	Dr. Kamil		B	Dr. Rahat

Table No. 2 Batch Distribution and Venues for Anatomy Small Group Discussion SGDs / Dissections

	• Physiology SGD: Physiology of Vision (Venue: Lecture Hall No 5) • Biochemistry SGD: Neurotransmitter • Anatomy CBL: Extradural Hemorrhage	Batches	Roll No	Anatomy Teacher	Venue	Supervised by Prof. Dr. Ayesha Yousaf
		A	01-90	Dr. Sadia Baqir	New Lecture Hall Complex # 01	
		B	91-180	Dr. Gaiti Ara	New Lecture Hall Complex # 04	
		C	181-270	Dr. Minahil	Anatomy Lecture Hall 04	
		D	271 onwards	Dr. Tariq Furqan	Anatomy Lecture Hall 03	

Table No. 3 Batch Distribution with Venues and Teachers Name for Problem Based Learning (PBL) Sessions & Biomedical Ethics Club Activity

Sr No.	Batches	Roll No	Venue	Teachers	Sr No.	Batches	Roll No	Venue	Teachers
1.	A1	(01-35)	Lecture Hall no.05 Physiology	Dr. Sana Latif (Demonstrator Biochemistry)	6.	C2	(176-210)	Lecture Hall no.04 (Basement)	Dr. Nayab Zonish (PGT Physiology)
2.	A2	(36-70)	Lecture Hall #.04 (1 st Floor Anatomy)	Dr. Farah (Demonstrator of Physiology)	7.	D1	(210-245)	Lecture Hall no.02 (Basement)	Dr. Iqra Ayub (PGT Physiology)
3.	B1	(71-105)	Anatomy Museum (First Floor Anatomy)	Dr. Romessa (Demonstrator Biochemistry)	8.	D2	(246-280)	Conference Room (Basement)	Dr. Uzma Zafar (APWMO Biochemistry)
4.	B2	(106-140)	Lecture Hall no.03 (First Floor)	Dr. Gaiti Ara (Senior Demonstrator of Anatomy)	9.	E1	(281-315)	New Lecture Hall no.01	Dr. Ramsha (PGT Physiology)
5.	C1	(141-175)	Lecture Hall no.05 (Basement)	Dr. Ali Zain (PGT Physiology)	10	E2	(315 onwards)	Lecture Hall no.04	Dr. Jawad Hassan (Demonstrator Physiology)

Table No. 6 Venues for Large Group Interactive Session (LGIS)

Odd Roll Numbers	New Lecture Hall Complex Lecture Theater # 01
Even Roll Number	New Lecture Hall Complex Lecture Theater # 04

Second Year MBBS Time Table For Special Senses Module (Second Week)
(25-09-2025 To 01-10-2025)

Date / Day	8:00am-9:20am		9:20am – 10:10am		10:10am-10:30am	10:30am-11:20am		11:20am-12:10pm		12:10pm-12:30pm	12:30pm – 2:00pm		Home Assignments(2HRS)
25-09-2025 Thursday	Practical & CBL/SGD Topic mentioned at the end		PHYSIOLOGY LGIS		Break	ENT		BIOCHEMISTRY (LGIS)		Break	SGD/DISSECTION		SDL Anatomy Orbit boundaries Extraocular muscles
			Photochemistry of vision &Physiological basis for photo transduction	Hearing abnormalities, Tuning fork tests and audiometry		Nasal polyp& Sinusitis & Diseases of External Nose		Role Of Vitamin A In Vision	G-Proteins		Face		
			Prof. Dr. Samia /Dr. Uzma (Even)	Dr. Aneela (Odd)		Dr. Sundas Masood (Even)	Dr. Ashar (Odd)	Dr.Almaas(Even)	Dr. Uzma/ Dr. Aneela (Odd)				
26-09-2025 Friday	Practical & CBL/SGD Topic mentioned at the end		PHYSIOLOGY LGIS			ANATOMY (LGIS)		BIOCHEMISTRY (LGIS)			CBL/ DISSECTION		SDL Biochemistry G-Proteins
			Functions of Inner ear, Physiology of Hearing	Fluid system of the eye Intraocular pressure, Function of the Structural Elements of the Retina		Histology of Eye-II	Development of Eye-II	G-Proteins	Role Of Vitamin A In Vision		Orbit Extraocular muscles (oculomotor nerve palsy)		
			Dr. Fareed (Even)	Dr. Uzma (Odd)		Assist. Prof. Dr. Maria (Even)	Prof. Dr. Ifra Saeed (Odd)	Dr. Uzma/ Dr. Aneela (Even)	Dr. Almaas (Odd)				
27-09-2025 Saturday	Practical & CBL/SGD Topic mentioned at the end		PHYSIOLOGY LGIS			ANATOMY (LGIS)		BEHAVIORAL SCIENCES			SGD/DISSECTION		SDL Physiology Photochemistry of vision &Physiological basis for photo transduction
			Hearing abnormalities, Tuning fork tests and audiometry	Photochemistry of vision &Physiological basis for photo transduction		Development of Eye-II	Histology of Eye-II	Sleep & Arousal			Eyelids and Lacrimal apparatus		
			Dr. Aneela (Even)	Prof. Dr. Samia / Dr. Uzma(Odd)		Prof. Dr. Ifra Saeed (Even)	Assist. Prof. Dr. Maria (Odd)	Dr. Mahmood Ali (Odd)	Dr. Sadia Yasir (Even)				
29-09-2025 Monday	Practical & CBL/SGD Topic mentioned at the end		PHYSIOLOGY LGIS			ANATOMY (LGIS)		EYE			SGD/DISSETION		SDL physiology Vestibular system
			Light & dark adaptation, Color vision, Neural functions of the retina, Central neurophysiology of vision, Neural pathways for analysis of visual information	Vestibular system		Histology of Ear	Development of Pharyngeal Apparatus	Conjunctivitis Chalazion			Vessels and Nerves of Orbit		
			Dr. Uzma (Even)	.Dr. Sidra (odd)		Assist. Prof. Dr. Maria (Odd)	Prof. Dr. Ifra Saeed (Even)	Dr. Salman (Even)	Dr. Wajeeha (Odd)				
30-09-2025 Tuesday	8:00 AM – 9:00 AM		9:00 AM – 10:00 AM		10:00 – 11:00AM		11:00AM – 12:00PM		SDL Anatomy Vessels and Nerves of orbit				
	EYE		PHYSIOLOGY LGIS		ISLAMIAT		SGD/DISECTION						
	Ocular trauma & Ocular Procedures		Vestibular system	Light & dark adaptation, Color vision, Neural functions of the retina, Central neurophysiology of vision, Neural pathways for analysis of visual information	Zimidaari aur taluqaat		Eyeball						
	Dr. Wajeeha (Even)	Dr. Saira (Odd)			Muftii Naeem Sherazi								
			.Dr. Sidra (Even)	Dr. Uzma (Odd)									
01-10-2025 Wednesday	8:00am-9:20am		9:20am – 10:10am		10:10am-10:30am	10:30am-11:20am		11:20am -12:50pm		12:50pm - 01:10pm	01:10pm -02:00pm		SDL Biochemistry Role Of Vitamin A In Vision Mid Online Clinical Evaluation
	Practical & CBL/SGD Topic mentioned at the end		ANATOMY (LGIS)		Break	BIOCHEMISTRY (LGIS)		SGD/DISECTION		Break	PAK STUDIES		
			Development of Pharyngeal Apparatus	Histology of Ear		Second messenger system	Second messenger system	Parotid & Temporal region			Pakistan k hamsaya mumalik se taluqaat / Aqliayt ka Tahafooz		
			Prof. Dr. Ifra Saeed (Odd)	Assist. Prof. Dr. Maria (Even)		Dr . Uzma (Even)	Dr Aneela (Odd)				` Qari Aman Ullah		

Table No. 1 (Time: 12:20pm – 02:00pm)

Batch Distribution for Practical Skills (all subjects) CBL / Small Group Discussion (Biochemistry and Physiology)			Topics for Skill Lab with Venue		Schedule for Practical / Small Group Discussion									
			- Retina (Anatomy Histology Practical) Venue-Histology laboratory-Dr. Minahil (Biochemistry Practical) Biochemical Analysis of CSF Venue- Biochemistry laboratory - Examination of 8th Cranial Nerve (Vestibular function) (Physiology Practical) Venue – Physiology Lab	Day	Histology Practical		Biochemistry Practical		Supervised by HOD	Physiology Practical		Physiology SGD		Supervised by HOD	Biochemistry SGD
	Batch	Teacher Name		Batch	Teacher Name	Batch	Teacher Name	Batch		Teacher Name	Batch	Teacher Name		
Monday	C	Supervised by HOD		B	Dr. Rahat	E	Dr. Kamil	A		Dr. Aneela	D	Dr. Uzma		
Tuesday	D			C	Dr. Nayab	A	Dr. Aneela	B		Dr. Shazia	E	Dr. Almas		
Wednesday	E			D	Dr. Uzma	B	Dr. Shazia	C		Dr. Nayab	A	Dr. Romessa		
Thursday	B			A	Dr. Almas	D	Dr. Iqra	E		Dr. Iqra	C	Dr. Nayab		
Saturday	A			E	Dr. Romessa	C	Dr. Nayab	D		Dr. Kamil	B	Dr. Rahat		
Table No. 2 Batch Distribution and Venues for Anatomy Small Group Discussion SGDs / Dissections														
- Physiology SGD: Physiology of hearing & Balance (Venue: Lecture Hall No 5) - Biochemistry SGD: G-Proteins - Anatomy CBL: Oculomotor Nerve Palsy			Batches	Roll No	Anatomy Teacher	Venue	Supervised by Prof. Dr. Ayesha Yousaf							
			A	01-90	Dr. Sadia Baqir	New Lecture Hall Complex # 01								
			B	91-180	Dr. Gaiti Ara	New Lecture Hall Complex # 04								
			C	181-270	Dr. Minahil	Anatomy Lecture Hall 04								
			D	271 onwards	Dr. Tariq Furqan	Anatomy Lecture Hall 03								

Table No. 3 Batch Distribution with Venues and Teachers Name for Problem Based Learning (PBL) Sessions

Sr No.	Batches	Roll No	Venue	Teachers	Sr No.	Batches	Roll No	Venue	Teachers
1.	A1	(01-35)	Lecture Hall no.05 Physiology	Dr. Sana Latif (Demonstrator Biochemistry)	6.	C2	(176-210)	Lecture Hall no.04 (Basement)	Dr. Nayab Zonish (PGT Physiology)
2.	A2	(36-70)	Lecture Hall #.04 (1 st Floor Anatomy)	Dr. Farah (Demonstrator of Physiology)	7.	D1	(210-245)	Lecture Hall no.02 (Basement)	Dr. Iqra Ayub (PGT Physiology)
3.	B1	(71-105)	Anatomy Museum (First Floor Anatomy)	Dr. Romessa (Demonstrator Biochemistry)	8.	D2	(246-280)	Conference Room (Basement)	Dr. Uzma Zafar (APWMO Biochemistry)
4.	B2	(106-140)	Lecture Hall no.03 (First Floor)	Dr. Gaiti Ara (Senior Demonstrator of Anatomy)	9.	E1	(281-315)	New Lecture Hall no.01	Dr. Ramsha (PGT Physiology)
5.	C1	(141-175)	Lecture Hall no.05 (Basement)	Dr. Ali Zain (PGT Physiology)	10	E2	(315 onwards)	Lecture Hall no.04	Dr. Jawad Hassan (Demonstrator Physiology)

Table No. 6 Venues for Large Group Interactive Session (LGIS)

Odd Roll Numbers	New Lecture Hall Complex Lecture Theater # 01
Even Roll Number	New Lecture Hall Complex Lecture Theater # 04

Second Year MBBS Time Table For Special Senses Module (Third Week)
(02-10-2025 To 08-10-2025)

Date / Day	8:00am-9:20am			9:20am – 10:10am		10:10am-10:30am	10:30am-11:20am		11:20am-12:10pm		12:10pm-12:30pm	12:30pm – 2:00pm		Home Assignments(2HRS)
02-10-2025 Thursday	Practical & CBL/SGD Topic mentioned at the end			PHYSIOLOGY LGIS		Break	JOINT SESSION		RADIOLOGY		Break	SGD/DISSECTION		Anatomy SDL Temporal and Infra temporal region, Pterygopalatine fossa
				Lesions of visual pathway and its effects on field of vision, Movements of eye ball along with neural control	Sense of Taste and pathophysiology		Deafness		General radiologic concepts			Infratemporal fossa-I		
				Dr. Uzma (Even)	Dr. Kamil (Odd)		Anatomy, Physiology, ENT (Dr. Arshad)		Dr. Saba (Even)	Dr. Maryam Azam (Odd)				
03-10-2025 Friday	ENT		PHYSIOLOGY LGIS		ANATOMY LGIS		EYE		SGD/DISSECTION			Infratemporal fossa-II	SDL Physiology Sense of Smell and pathophysiology	
	Deflected Nasal Septum (DNS) & Rhinitis		Sense of Taste and pathophysiology	Lesions of visual pathway and its effects on field of vision, Movements of eye ball along with neural control	Development of Ear		Development of Nose		Reflective Error & Strabismus					
	Dr. Tabsum (Even)	Dr. Fatima (Odd)	Dr. Kamil (Even)	Dr. Uzma (Odd)	Assist. Prof. Dr. Maria (Even)		Prof. Dr. Ifra Saeed (Odd)		Dr. Sidra Jabeen (Even)	Dr. Salman (Odd)				
04-10-2025 Saturday	Practical & CBL/SGD Topic mentioned at the end			PHYSIOLOGY LGIS		Break	ANATOMY LGIS		SGD/DISSECTION		SGD/DISSECTION	Anatomy SDL External and middle ear		
				Physiology of accommodation and clinical abnormalities	Sense of Smell and pathophysiology		Development of Nose	Development of Ear	Pterygopalatine fossa				External and middle ear	
				Prof.Dr. Samia Sarwar/ Dr Uzma (Even)	Dr. Kamil (Odd)		Prof. Dr. Ifra Saeed (Even)	Assist. Prof. Dr. Maria (odd)						
06-10-2025 Monday	Practical & CBL/SGD Topic mentioned at the end			PHYSIOLOGY LGIS			ANATOMY LGIS		ENT		SGD/DISSECTION	Inner ear		SDL Physiology Sense of Taste and pathophysiology
				Sense of Smell and pathophysiology	Physiology of accommodation and clinical abnormalities		Development of Palate	Development of Palate	Otitis Media Ear Discharge &Hearing Problems in Children					
				Dr Kamil (Even)	Prof.Dr. Samia Sarwar/ Dr Uzma (Odd)		Prof. Dr. Ifra Saeed (Odd)	Assist. Prof. Dr. Maria (Even)	Dr. Haitum (Even)	Dr. Fatima (Odd)				
07-10-2025 Tuesday	8:00 AM – 9:00 AM			9:00 AM – 10:00 AM		10:00 – 11:00AM		11:00AM – 12:00PM		SDL Biochemistry 2 nd Messenger System				
	Practical & CBL/SGD Topic mentioned at the end			ENT		ISLAMIAT		ISLAMIAT						
				Facial fractures		Uswa-e-hasna		Halal ke Ahmiat						
				Dr. Nida (Even)	Dr. Farhat (Odd)	Mufti Naem Sherazi		Mufti Naeem Shirazi						
08-10-2025 Wednesday	8:00am-9:20am			9:20am – 10:50am		10:50am – 11:10am	11:10am – 12:00pm		12:00pm – 12:50pm		12:50pm – 01:10pm	01:10pm – 02:00pm		End Online clinical Evaluation
	Practical & CBL/SGD Topic mentioned at the end			SGD/DISECTION		Break	PHYSIOLOGY SDL No. 01		SGD/DISECTION		Break	PAKSTUDIES		
				Nose and paranasal sinuses			Functions of Inner ear, Physiology of Hearing		Cross Sectional Anatomy			Pakistan k qudrati wasail-maadniyaat / Zaraat		
							Dr. Fareed (Even)	Dr Ali Zain (Odd)				Qari Aman Ullah		

Table No. 1 (Time: 12:20pm – 02:00pm)

Batch Distribution for Practical Skills (all subjects) CBL / Small Group Discussion (Biochemistry and Physiology)			Topics for Skill Lab with Venue	Schedule for Practical / Small Group Discussion												
			- External & Internal Ear (Anatomy Histology Practical) Venue- Histology laboratory-Dr. Sadia Baqir (Biochemistry Practical) Biochemical Analysis of Aqueous Humor Venue- Biochemistry laboratory - Performance of Hearing Test (cochlear function) (Physiology Practical) Venue – Physiology Lab	Day	Histology Practical		Biochemistry Practical		Supervised by HOD	Physiology Practical		Physiology SGD		Supervised by HOD	Biochemistry SGD	
					Batch	Teacher Name	Batch	Teacher Name		Batch	Teacher Name	Batch	Teacher Name		Batch	Teacher Name
Sr. No	Batch	Roll No.		Monday	C	Supervised by HOD	B	Dr. Rahat	E	Dr. Kamil	A	Dr. Aneela	D	Dr. Uzma		
1.	A	01-70		Tuesday	D		C	Dr. Nayab	A <th>Dr. Aneela</th> <th>B</th> <th>Dr. Shazia</th> <th>E</th> <th>Dr. Almas</th>	Dr. Aneela	B	Dr. Shazia	E	Dr. Almas		
2.	B	71-140		Wednesday	E		D	Dr. Uzma	B	Dr. Shazia	C	Dr. Nayab	A	Dr. Romessa		
3.	C	141-210		Thursday	B		A	Dr. Almas	D	Dr. Iqra	E	Dr. Iqra	C	Dr. Nayab		
4.	D	211-280		Saturday	A		E	Dr. Romessa	C	Dr. Nayab	D	Dr. Kamil	B	Dr. Rahat		
5.	E	281-onwards		Topics for SGDs / CBL with Venue												
Table No. 2 Batch Distribution and Venues for Anatomy Small Group Discussion SGDs / Dissections																

			- Physiology SGD: Physiology of Taste & Smell (Venue: Lecture Hall No 5) - Biochemistry CBL: Night Blindness	Batches	Roll No	Anatomy Teacher	Venue	Supervised by Prof. Dr. Ayesha Yousaf
				A	01-90	Dr. Sadia Baqir	New Lecture Hall Complex # 01	
				B	91-180	Dr. Gaiti Ara	New Lecture Hall Complex # 04	
				C	181-270	Dr. Minahil	Anatomy Lecture Hall 04	
				D	271 onwards	Dr. Tariq Furqan	Anatomy Lecture Hall 03	

Table No. 3 Batch Distribution with Venues and Teachers Name for Problem Based Learning (PBL) Sessions

Sr No.	Batches	Roll No	Venue	Teachers	Sr No.	Batches	Roll No	Venue	Teachers
1.	A1	(01-35)	Lecture Hall no.05 Physiology	Dr. Sana Latif (Demonstrator Biochemistry)	6.	C2	(176-210)	Lecture Hall no.04 (Basement)	Dr. Nayab Zonish (PGT Physiology)
2.	A2	(36-70)	Lecture Hall #.04 (1 st Floor Anatomy)	Dr. Farah (Demonstrator of Physiology)	7.	D1	(210-245)	Lecture Hall no.02 (Basement)	Dr. Iqra Ayub (PGT Physiology)
3.	B1	(71-105)	Anatomy Museum (First Floor Anatomy)	Dr. Romessa (Demonstrator Biochemistry)	8.	D2	(246-280)	Conference Room (Basement)	Dr. Rahat Afzal (Senior Demonstrator Biochemistry)
4.	B2	(106-140)	Lecture Hall no.03 (First Floor)	Dr. Gaiti Ara (Senior Demonstrator of Anatomy)	9.	E1	(281-315)	New Lecture Hall no.01	Dr. Ramsha (PGT Physiology)
5.	C1	(141-175)	Lecture Hall no.05 (Basement)	Dr. Ali Zain (PGT Physiology)	10	E2	(315 onwards)	Lecture Hall no.04	Dr. Jawad Hassan (Demonstrator Physiology)

Table No. 6 Venues for Large Group Interactive Session (LGIS)

Odd Roll Numbers	New Lecture Hall Complex Lecture Theater # 01
Even Roll Number	New Lecture Hall Complex Lecture Theater # 04

Tentative Schedule for LMS Based Weekly Online Assessments for Second Year MBBS (Special Senses Module) Batch 51

The online assessment for Special Senses Module for Second Year MBBS will be as per following schedule:

Class	Module	Day & Date	Time of Assessment	Focal person	Department Responsible
Second Year MBBS	Special Senses Module	Thursday 25 th October,2025	9:00 pm-9:30pm	Prof. Dr Ayesha Yousaf	Anatomy
		Friday 26 th October,2025	9:00 pm-9:30pm	Prof. Dr Samia Sarwar	Physiology
		Saturday 27 th October,2025	9:00 pm-9:30pm	Dr Aneela Jamil	Biochemistry

Note: All dates are subject to change.

Second Year MBBS Time Table For Special Senses Module (Fourth Week)
(09-10-2025 To 15-10-2025)

Date / Days	08:00am – 02:00pm
09-10-2025 Thursday	Assessment Week
10-10-2025 Friday	
11-10-2025 Saturday	
13-10-2025 Monday	
14-10-2025 Tuesday	
15-10-2025 Wednesday	

Note: Timetable Subject to Change According to The Current Circumstances.

Integrated Clinically Oriented Modular Curriculum for Second Year MBBS

Endocrinology Module Time Table

Second Year MBBS

Session 2024-2025

Batch- 51

Second Year MBBS Timetable for Endocrinology Module (First Week)
(16-10-2025 To 22-10-2025)

Date / Day	8:00am-9:20am		9:20am – 10:10am		10:10am-10:30am	10:30am-11:20am		11:20am-12:10pm		12:10pm-12:30pm	12:30pm – 2:00pm		Home Assignments(2HRS)	
16-10-2025 Thursday	Practical & CBL/SGD Topic mentioned at the end		PHYSIOLOGY LGIS		Break	ANATOMY LGIS		PAKSTUDIES (SDL)		Break	SGD/DISSECTION		SDL Anatomy Bones of neck, strangulation bone fracture	
			Introduction to endocrinology & Signal transduction I	Hypothalamic–pituitary axis& GH		Histology of pituitary& pineal gland	Development of pituitary&. pineal gland	Tareek e Khatm e Naboat / Muslim Milat ke Buniyad			Bones of neck Hyoid bone& Cervical Vertebrae			
			Dr. Faizania (Even)	Dr. Kamil (Odd)		Asst Prof Dr. Maria Tasleem (Even)	Prof. Dr Ifra Saeed (Odd)	Qari Aman Ullah (not attended)						
17-10-2025 Friday	Practical & CBL/SGD Topic mentioned at the end		PHYSIOLOGY LGIS			ANATOMY LGIS		BIOCHEMISTRY LGIS			SGD/DISECTION		SDL Anatomy Torticollis (Wry Neck), Spread of Infections, Surgical Landmark within fascias od neck	
			Hypothalamic–pituitary axis& GH	Introduction to endocrinology & Signal transduction I		Histology of pituitary & pineal gland	Development of pituitary&. pineal gland	Classification & Mechanism of action of Endocrine Hormone,	Thyroid Hormone		Superficial and deep fascias of the neck			
			Dr Kamil (Even)	Dr. Faizania (Odd)		Asst Prof Dr. Maria Tasleem (Odd)	Prof. Dr Ifra Saeed (Even)	Dr.Rahat (Even)	Dr. Almas (Odd)					
18-10-2025 Saturday	Practical & CBL/SGD Topic mentioned at the end		PHYSIOLOGY LGIS			PAKSTUDIES		RADIOLOGY			CBL/DISSECTION		SDL physiology Hypothalamic–pituitary axis& GH	
			Introduction to endocrinology & Signal transduction-II	Abnormalities of growth hormone secretion		Islam Ka Mashi Nizam		Basics of Radiology			Superficial structures of neck (Stnocleido mastoid region of neck, posteripor cervical region suboccipital trangle)			
			Dr. Faizania (Even)	Dr. Kamil (Odd)		Qari Aman Ullah (not attended)		Dr Fiza (even)	Dr Zeenat (odd)					
20-10-2025 Monday	Practical & CBL/SGD Topic mentioned at the end		PHYSIOLOGY LGIS			PAKSTUDIES		PBL 1 (SESSION-I)			SGD/DISECTION		SDL Physiology Introduction to endocrinology & Signal transduction	
			Abnormalities of growth hormone secretion	Abnormalities of growth hormone secretion		2 Qoumi Nazria / Islami Mumliqat Qiyam		PBL Team			Lateral cervical region (Muscles)			
			Dr. Kamil (Even)	Dr. Faizania (Odd)		Qari Aman Ullah (not attended)								
21-10-2025 Tuesday	8:00 AM – 9:00 AM		9:00 AM – 10:00 AM			10:00 – 11:00AM		11:00AM – 12:00PM			SDL Biochemistry Classification of endocrine hormones			
	BEHAVIOURAL SCIENCES LGIS		PHYSIOLOGY (LGIS)			SGD/DISECTION								
	Professionalism in healthcare		Insulin and Glucagon: Structure and metabolic functions	Hormones of posterior pituitary gland (Oxytocin and ADH)		Lateral cervical region (Neurovasscular Organization)								
	Dr. Zarnain Umar (even)	Dr. SadiaYasir (odd)	Dr. Sidra (Even)	Dr. Kamil (Odd)										
22-10-2025 Wednesday	Practical & CBL/SGD Topic mentioned at the end		PEADS		Break	ANATOMY		PBL 1 (SESSION-II)		Break	SGD/DISECTION		SDL Biochemistry Mechanism of Action of Hormones	
			Growth problems due to Endocrine causes			Development of thyroid and parathyroid gland	Histology of thyroid and para thyroid gland	PBL Team			Anterior cervical region (Anterior Triangles of neck)			
			Dr. Hina Sattar			Dr. Prof. Ifra Saeed (Even)	Asst Prof Dr. Maria Tasleem (Odd)							

Table No. 1 (Time: 12:20pm – 02:00pm)																
Batch Distribution for Practical Skills (all subjects) CBL / Small Group Discussion (Biochemistry and Physiology)			Topics for Skill Lab with Venue		Schedule for Practical / Small Group Discussion											
					Day	Histology Practical		Biochemistry Practical			Physiology Practical		Physiology SGD			Biochemistry SGD
	Batch	Teacher Name	Batch	Teacher Name		Batch	Teacher Name	Batch	Teacher Name		Batch	Teacher Name				
Sr. No	Batch	Roll No.	- Pituitary gland (Anatomy, Histology Practical) (Dr. Sadia Baqir) - Blood glucose estimation (Biochemistry practical) - Examination of pupillary reaction (Physiology practical)	Monday	C	Supervised by HOD	B	Dr. Rahat	Supervised by HOD	E	Dr. Farid/ Dr. Ali Zain	A	Dr. Sheena/ Dr. Ali Zain	Supervised by HOD	D	Dr. Uzma
1.	A	01-70		Tuesday	D		C	Dr. Romessa		A	Dr. Sheena/ Dr. Nazia	B	Dr. Uzma/ Dr. Nazia		E	Dr. Almas
2.	B	71-140		Wednesday	E		D	Dr. Uzma		B	Dr. Uzma/ Dr. Farhat	C	Dr. Fahd		A	Dr. Romessa
3.	C	141-210		Thursday	B		A	Dr. Almas		D	Dr. Maryam/ Dr. Afsheen	E	Dr. Farid/ Dr. Ali Zain		C	Dr. Romessa
4.	D	211-280		Saturday	A		E	Dr. Romessa		C	Dr. Fahd	D	Dr. Maryam/ Dr. Afsheen		B	Dr. Rahat
5.	E	281-onwards														
			Topics for SGDs / CBL with Venue		Table No. 2 Batch Distribution and Venues for Anatomy Small Group Discussion SGDs / Dissections											
- Anatomy CBL: Torticollis - Physiology SGD: Signal transduction & Growth hormone. - Biochemistry SGD: Classification of Endocrines Hormone & Mechanism of Action			Batches	Roll No	Subgroup		Anatomy Teacher		Venue							
			A	01-60	A1: Roll no1-15 A2: Roll no16-30 A3: Roll no31- 45 A4: Roll no 46-60		Dr Sadia Aman (Assistant Professor)		New Lecture Hall Complex 02							
			B	61-120	B1: Roll no61-75 B2: Roll no76-90 B3: Roll no91-105 B4: Roll no106-120		Dr Minhail (Senior Demonstrator)		New Lecture Hall Complex 03							
			C	121-180	C1: Roll no121-135 C2: Roll no16-150 C3: Roll no151-165 C4: Roll no166-180		Dr. Tariq Furqan (Demonstrator)		Anatomy Lecture Hall 03							
			D	181- 240	D1: Roll no181-195 D2: Roll no196-210 D3: Roll no211-225 D4: Roll no226-240		Dr Maryam (P.G Trainee)		Anatomy Lecture Hall 04							
			E	241- 300	E1: Roll no241-255 E2: Roll no256-270 E3: Roll no271-285 E4: Roll no286-300		Dr Sana (P.G Trainee)		New Lecture Hall Complex 04							
			F	251- onwards	F1: Roll no301-315 F2: Roll no316-330 F3: Roll no331-345 F4: Roll no 346-onwards		Dr Sara Bano (Assistant Professor)		New Lecture Hall Complex 01							
			Supervised by Prof. Dr. Ayesha Yousaf													

Table No. 3 Batch Distribution with Venues and Teachers Name for Problem Based Learning (PBL) Sessions									
Sr No.	Batches	Roll No	Venue	Teachers	Sr No.	Batches	Roll No	Venue	Teachers
1.	A1	(01-35)	Lecture Hall no.05 Physiology	Dr. Sana Latif (DemonstratorBiochemistry)	6.	C2	(176-210)	Lecture Hall no.04 (Basement)	Dr. Nayab Zonish (PGT Physiology)
2.	A2	(36-70)	Lecture Hall #.04 (1st FloorAnatomy)	Dr. Farah (Demonstrator of Physiology)	7.	D1	(210-245)	Lecture Hall no.02 (Basement)	Dr. Iqra Ayub (PGT Physiology)
3.	B1	(71-105)	Anatomy Museum (First FloorAnatomy)	Dr. Romessa (Demonstrator Biochemistry)	8.	D2	(246-280)	Conference Room (Basement)	Dr. Rahat Afzal (Senior Demonstrator Biochemistry)
4.	B2	(106-140)	Lecture Hall no.03 (First Floor)	Dr. Sajjad (Senior Demonstrator of Anatomy)	9.	E1	(281-315)	New Lecture Hall no.01	Dr. Ramsha (PGT Physiology)
5.	C1	(141-175)	Lecture Hall no.05 (Basement)	Dr. Ali Zain (PGT Physiology)	10	E2	(315 onwards)	Lecture Hall no.04	Dr. Jawad Hassan (Demonstrator Physiology)

Table No. 6 Venues for Large Group Interactive Session (LGIS)	
Odd Roll Numbers	New Lecture Hall Complex Lecture Theater # 03
Even Roll Number	New Lecture Hall Complex Lecture Theater # 02

Table No. 1 (Time: 12:20pm – 02:00pm)

Batch Distribution for Practical Skills (all subjects) CBL / Small Group Discussion (Biochemistry and Physiology)			Topics for Skill Lab with Venue		Schedule for Practical / Small Group Discussion											
			• Pituitary gland (Anatomy, Histology Practical) (Dr. Sadia Baqir) • Blood glucose estimation (Biochemistry practical) • Examination of pupillary reaction (Physiology practical)	Day	Histology Practical		Biochemistry Practical		Supervised by HOD	Physiology Practical		Physiology SGD		Supervised by HOD	Biochemistry SGD	
					Batch	Teacher Name	Batch	Teacher Name		Batch	Teacher Name	Batch	Teacher Name			
				Sr. No	Batch	Roll No.	Monday	C		B	Dr. Rahat	E	Dr. Kamil		A	Dr. Aneela	D	Dr. Uzma
1.	A	01-70	Tuesday	D	C	Dr. Khalid	A	Dr. Aneela		B	Dr. Shazia	E	Dr. Almas			
2.	B	71-140	Wednesday	E	D	Dr. Uzma	B	Dr. Shazia	C	Dr. Nayab	A	Dr. Romessa				
3.	C	141-210	Thursday	B	A	Dr. Almas	D	Dr. Iqra	E	Dr. Iqra	C	Dr. Khalid				
4.	D	211-280	Saturday	A	E	Dr. Romessa	C	Dr. Nayab	D	Dr. Kamil	B	Dr. Rahat				

Table No. 2 Batch Distribution and Venues for Anatomy Small Group Discussion SGDs / Dissections

• Anatomy CBL: Torticollis • Physiology SGD: Signal transduction & Growth hormone. • Biochemistry SGD: Classification of Endocrines Hormone & Mechanism of Action	Batches	Roll No	Anatomy Teacher	Venue	Supervised by Prof. Dr. Ayesha Yousaf
	A	01-60	Dr. Sara Bano	New Lecture Hall Complex # 03	
	B	61-120	Dr. Sadia Aman	Anatomy Museum	
	C	121-180	Dr. Gaiti Ara	New Lecture Hall Complex # 01	
	D	181- 240	Dr. Sadia Baqir	Anatomy Lecture Hall 03	
	E	241- 300	Dr. Tariq Furqan	Anatomy Lecture Hall 04	
	F	301 onwards	Dr. Minahil Haq	New Lecture Hall Complex # 04	

Table No. 3 Batch Distribution with Venues and Teachers Name for Problem Based Learning (PBL) Sessions

Sr No.	Batches	Roll No	Venue	Teachers	Sr No.	Batches	Roll No	Venue	Teachers
1.	A1	(01-35)	Lecture Hall no.05 Physiology	Dr. Sana Latif (Demonstrator Biochemistry)	6.	C2	(176-210)	Lecture Hall no.04 (Basement)	Dr. Nayab Zonish (PGT Physiology)
2.	A2	(36-70)	Lecture Hall #.04 (1 st Floor Anatomy)	Dr. Farah (Demonstrator of Physiology)	7.	D1	(210-245)	Lecture Hall no.02 (Basement)	Dr. Iqra Ayub (PGT Physiology)
3.	B1	(71-105)	Anatomy Museum (First Floor Anatomy)	Dr. Romessa (Demonstrator Biochemistry))	8.	D2	(246-280)	Conference Room (Basement)	Dr. Rahat Afzal (APWMO Biochemistry)
4.	B2	(106-140)	Lecture Hall no.03 (First Floor)	Dr. Tariq Furrqan (Senior Demonstrator of Anatomy)	9.	E1	(281-315)	New Lecture Hall no.01	Dr. Nayab (PGT Biochemistry)
5.	C1	(141-175)	Lecture Hall no.05 (Basement)	Dr. Ali Zain (PGT Physiology)	10	E2	(315 onwards)	Lecture Hall no.04	Dr. Jawad Hassan (Demonstrator Physiology)

Table No. 6 Venues for Large Group Interactive Session (LGIS)

Odd Roll Numbers	New Lecture Hall Complex Lecture Theater # 01
Even Roll Number	New Lecture Hall Complex Lecture Theater # 04

Endocrinology Module (Second Week)
(23-10-2025 To 29-10-2025)

Date / Day	8:00 AM – 9:00 AM		9:00 AM – 10:00 AM		10:00 – 11:00AM	11:00AM – 12:00PM		Home Assignments (2HRS)				
23-10-2025 Thursday	BIOMEDICAL ETHICS		PHYSIOLOGY LGIS)		ISLAMIAYT	BIOCHEMISTRY LGIS		SDL Anatomy Cervical Lymphadenopathy Spinal Accessory Nerve Injury				
	History of Medical Ethics		Hormones of posterior pituitary gland (Oxytocin and ADH)	Insulin and Glucagon: Structure and metabolic functions	Rasalat & Itihad e Umat		Thyroid Hormone			Classification & Mechanism of action of Endocrine Hormone,		
	Dr. Arsalan Even	Dr. Maria Odd	Dr. Kamil (Even)	Dr. Sidra (Odd)	Mufti Naeem Shirazi		Dr. Almas (Even)			Dr. Rahat (Odd)		
24-10-2025 Friday	8:00am-9:20am		9:20am – 10:10am		10:10am-10:30am	10:30am-11:20am		11:20am-12:10pm	12:10pm-12:30pm	12:30pm – 2:00pm	Home Assignments (2HRS)	
	Practical & CBL/SGD Topic mentioned at the end		PHYSIOLOGY LGIS		Break	ANATOMY LGIS		PBL 2 (SESSION-I)		Break	SGD/DISSECTION	SDL Physiology Insulin and Glucagon
			Regulation of blood Glucose & Diabetes mellitus	Aldosterone and Cortisol		Histology of thyroid parathyroid gland	Development of thyroid ¶thyroid gland	PBL Team			Anterior cervical region (Vessels of Neck)	
			Dr. Sidra (Even)	Dr. Sheena (Odd)		Asst Prof Dr. Maria Tasleem (Even)	Prof. Dr Ifra Saeed (Odd)				SGD/DISSECTION	SDL Physiology Aldosterone and Cortisol
25-10-2025 Saturday	Practical & CBL/SGD Topic mentioned at the end		PHYSIOLOGY LGIS			ISLAMIAYT		SGD/DISSECTION			Submandibular region	SDL Physiology
			Aldosterone and Cortisol	Regulation of blood Glucose & Diabetes mellitus		Itihad e Umat		Root of neck (arteries, veins & nerves)				
			Dr. Sheena (Even)	Dr. Sidra (Odd)		Mufti Naeem Shirazi						
27-10-2025 Monday	Practical & CBL/SGD Topic mentioned at the end		PHYSIOLOGY LGIS			BIOCHEMISTRY (LGIS)		PBL 2 (SESSION-II)			Deep structures of neck, prevertebral muscles	SDL Anatomy Surgical Access to anterior triangle of the neck, Carotid pulse Carotid endarterectomy Vagus nerve injury
			Thyroid hormone: Production, storage and release	Abnormalities of adrenocortical hormone		Insulin & Glucagon - I	Parathyroid Hormone & Calcitonin	PBL Team				
			Prof. Dr. Samia Sarwar/ Dr. Iqra (Even)	Dr. Sheena (Odd)		Dr. Aneela (Even)	Dr. Uzma Zafar (Odd)					
28-10-2025 Tuesday	Practical & CBL/SGD Topic mentioned at the end		PATHOLOGY			PHYSIOLGY (LGIS)		JOINT SESSION			Soft palate	SDL Biochemistry Type I & II Diabetes Mellitus Glucose Tolerance Test Curves
			Hypothyroidism and hyperthyroidism			Abnormalities of Adrenocortical hormone	Thyroid hormone: Production, storage and release	Patient Diabetes mellitus				
			Dr. Rabiya (Even)	Dr. Sara (Odd)		Dr. Sheena (Even)	Prof. Dr. Samia Sarwar/ Dr. Iqra (Odd)	Anatomy, Physiology, Medicine, Pathology & Surgery				
29-10-2025 Wednesday	Practical & CBL/SGD Topic mentioned at the end		PHYSIOLOGY LGIS			ANATOMY LGIS		GYNAE & OBS			Thyroid & Parathyroid glands	SDI Biochemistry Sythesis & Mechnism of Action of Adrenocortical Hormones Online clinical Evaluation
			Physiological role of thyroid hormone	Calcium homeostasis (Vitamin D, parathyroid hormone and calcitonin)		Development of adrenal gland and pancreas	Histology of adrenal gland & pancreas	Endocrine disorders in pregnancy (diabetes mellitus thyroid disorders)				
			Prof. Dr. Samia Sarwar/ Dr. Iqra (Even)	Dr. Sidra (Odd)		Prof. Dr Ifra Saeed (Even)	Asst Prof Dr. MariaTasleem (Odd)	Dr. Shehla Manzoor (Even)	Dr. Ruqiya Saleem (Odd)			

Table No. 1 (Time: 12:20pm – 02:00pm)																		
Batch Distribution for Practical Skills (all subjects) CBL / Small Group Discussion (Biochemistry and Physiology)			Topics for Skill Lab with Venue		Schedule for Practical / Small Group Discussion													
			- Thyroid & Parathyroid gland (Anatomy, Histology) (Dr. Sadia Baqir) - Practical G.T.T (Biochemistry practical) - Checking for color vision (Physiology practical) (Physiology practical)	Day	Histology Practical		Biochemistry Practical		Supervised by HOD	Physiology Practical		Physiology SGD		Supervised by HOD	Biochemistry SGD			
Batch	Teacher Name	Batch			Teacher Name	Batch	Teacher Name	Batch		Teacher Name								
Sr. No	Batch	Roll No.		Monday	C	Supervised by HOD	B	Dr. Rahat		Supervised by HOD	E	Dr. Kamil	A		Dr. Aneela	Supervised by HOD	D	Dr. Uzma
1.	A	01-70		Tuesday	D		C	Dr. Khalid			A	Dr. Aneela	B		Dr. Shazia		E	Dr. Almas
2.	B	71-140		Wednesday	E		D	Dr. Uzma			B	Dr. Shazia	C		Dr. Nayab		A	Dr. Romessa
3.	C	141-210		Thursday	B		A	Dr. Almas			D	Dr. Iqra	E		Dr. Iqra		C	Dr. Khalid
4.	D	211-280		Saturday	A		E	Dr. Romessa			C	Dr. Nayab	D		Dr. Kamil		B	Dr. Rahat
5.	E	281-onwards		Table No. 2 Batch Distribution and Venues for Anatomy Small Group Discussion SGDs / Dissections														
			Topics for SGDs / CBL with Venue		Batches	Roll No	Anatomy Teacher	Venue	Supervised by Prof. Dr. Ayesha Yousaf									
			Anatomy CBL: Multi Nodular Goitre with Hypothyroidism		A	01-60	Dr. Sara Bano	New Lecture Hall Complex # 03										
			Physiology SGD: Thyroid Hormones		B	61-120	Dr. Sadia Aman	Anatomy Museum										
			Biochemistry CBL: Addison’s Disease		C	121-180	Dr. Gaiti Ara	New Lecture Hall Complex # 01										
					D	181- 240	Dr. Sadia Baqir	Anatomy Lecture Hall 03										
					E	241- 300	Dr. Tariq Furqan	Anatomy Lecture Hall 04										
					F	301 onwards	Dr. Minahil Haq	New Lecture Hall Complex # 04										
Table No. 3 Batch Distribution with Venues and Teachers Name for Problem Based Learning (PBL) Sessions & Biomedical Ethics Club Activity																		
Sr No.	Batches	Roll No	Venue	Teachers	Sr No.	Batches	Roll No	Venue	Teachers									
1.	A1	(01-35)	Lecture Hall no.05 Physiology	Dr. Sana Latif (Demonstrator Biochemistry)	6.	C2	(176-210)	Lecture Hall no.04 (Basement)	Dr. Nayab Zonish (PGT Physiology)									
2.	A2	(36-70)	Lecture Hall #.04 (1 st Floor Anatomy)	Dr. Farah (Demonstrator of Physiology)	7.	D1	(210-245)	Lecture Hall no.02 (Basement)	Dr. Iqra Ayub (PGT Physiology)									
3.	B1	(71-105)	Anatomy Museum (First Floor Anatomy)	Dr. Romessa (Demonstrator Biochemistry)	8.	D2	(246-280)	Conference Room (Basement)	Dr. Rahat Afzal (APWMO Biochemistry)									
4.	B2	(106-140)	Lecture Hall no.03 (First Floor)	Dr. Tariq Furrqan (Senior Demonstrator of Anatomy)	9.	E1	(281-315)	New Lecture Hall no.01	Dr. Nayab (PGT Biochemistry)									
5.	C1	(141-175)	Lecture Hall no.05 (Basement)	Dr. Ali Zain (PGT Physiology)	10	E2	(315 onwards)	Lecture Hall no.04	Dr. Jawad Hassan (Demonstrator Physiology)									
				Table No. 6 Venues for Large Group Interactive Session (LGIS)														
				Odd Roll Numbers		New Lecture Hall Complex Lecture Theater # 01												
				Even Roll Number		New Lecture Hall Complex Lecture Theater # 04												

Endocrinology Module (Third Week)
(30-10-2025 To 05-11-2025)

Date / Day	8:00 AM – 9:00 AM	9:00 AM – 10:00 AM		10:00 – 11:00AM		11:00AM – 12:00PM		Home Assignments (2HRS)			
30-10-2025 Thursday	ISLAMIAYAT	PHYSIOLOGY LGIS		BIOCHEMISTRY LGIS		FAMILY MEDICINE		SDL Physiology Thyroid Hormones			
	Amal Bin Maroof	Calcium homeostasis (Vitamin D, parathyroid hormone and calcitonin)	Physiological role of thyroid hormone	Parathyroid Hormone & Calcitonin	Insulin & Glucagon - I	Approach to Patient Diabetes mellitus					
	Mufti Naeem Sherazi	Dr. Sidra (Even)	Prof. Dr. Samia Sarwar/ Dr. Iqra (Odd)	Dr. Uzma Zafar (Even)	Dr. Aneela (Odd)	Dr. Sadia Khan					
31-10-2025 Friday	8:00am-9:20am	9:20am – 10:10am		10:10am- 10:30am	10:30am-11:20am		11:20am-12:10pm		12:10pm- 12:30pm	12:30pm – 2:00pm	Home Assignments(2HRS)
	Practical & CBL/SGD Topic mentioned at the end	Early Clinical Exposure (ECE)									SDL Biochemistry Hypoglycemia Diabetic Ketoacidosis & Hyperosmolar Hyperglycemic State
01-11-2025 Saturday	Practical & CBL/SGD Topic mentioned at the end	PHYSIOLOGY LGIS		Break	ANATOMY LGIS		BIOCHEMISTRY LGIS		SGD/DISSECTION	Larynx & trachea	Anatomy SDL Hyperthyroidism, Hypothyroidism: Thyroid Nodules Goiter
		Abnormalities of thyroid hormone (Goiter, hypothyroidism and hyperthyroidism)	Bone pathophysiology (rickets, osteomalacia, osteoporosis, hypo and hyperparathyroidism)		Histology of adrenal gland and pancreas	Development of adrenal gland and pancreas	Adrenocortical Hormones - I	Insulin & Glucagon - II			
		Prof. Dr.Samia Sarwar/ Dr. Iqra (Even)	Dr. Sidra (Odd)		Assist. Prof. Dr. Maria (Even)	Prof. Dr. Ifra Saeed (Odd)	Dr. Kashif (Even)	Dr. Aneela (Odd)			
03-11-2025 Monday	Practical & CBL/SGD Topic mentioned at the end	PHYSIOLOGY (LGIS)			BIOCHEMISTRY LGIS		BIOCHEMISTRY LGIS		SGD/DISSECTION	Pancreas	SDL Anatomy Thyroid and para thyroid gland Online clinical Evaluation
		Bone pathophysiology (rickets, osteomalacia, osteoporosis, hypo and hyperparathyroidism)	Abnormalities of thyroid hormone (Goiter, hypothyroidism and hyperthyroidism)		Insulin & Glucagon - II	Adrenocortical Hormones - I	Blood Glucose Regulation	Adrenocortical Hormones - II			
		Dr. Sidra (Even)	Prof. Dr. Samia Sarwar/ Dr. Iqra(Odd)		Dr. Aneela (Even)	Dr. Kashif (Odd)	Dr. Uzma Zafar (Even)	Dr. kashif (Odd)			
		BIOCHEMISTRY LGIS			SGD/DISECTION		SGD/DISECTION		SGD/DISECTION		
04-11-2025 Tuesday	Practical & CBL/SGD Topic mentioned at the end	Adrenocortical Hormones - II	Blood Glucose Regulation		Adrenal gland (revisit)				Alimentary layer Pharynx, esophagus	SDL Physiology Abnormalities of	
		Dr. Kashif (Even)	Dr. UzmaZafar(Odd)								
		PHYSIOLOGY SDL No.01			SGD/DISECTION		SGD/DISECTION		SGD/DISECTION		
05-11-2025 Wednesday	Practical & CBL/SGD Topic mentioned at the end	Regulation of blood Glucose & Diabetes mellitus			Disection/ Spotting				Disection/ Spotting	SDL Anatomy Cleft Palate Palatal Laryngeal Paralysis Foreign Body Aspiration Indirect Laryngoscopy	
		Dr Fareed (Even)	Dr Maryam (Odd)								

Table No. 1 (Time: 12:20pm – 02:00pm)

Batch Distribution for Practical Skills (all subjects) CBL / Small Group Discussion (Biochemistry and Physiology)			Topics for Skill Lab with Venue		Schedule for Practical / Small Group Discussion											
			- Endocrinology, Adrenal gland & Pancrease (Anatomy, Histology Practical (Dr. Sadia Baqir) - G.T.T / Revision (Biochemistry practical) - CBL: Adrenocortical hormones (Practical batch) student’s presentations Lab	Day	Histology Practical		Biochemistry Practical		Supervised by HOD	Physiology Practical		Physiology SGD		Supervised by HOD	Biochemistry SGD	
					Batch	Teacher Name	Batch	Teacher Name		Batch	Teacher Name	Batch	Teacher Name		Batch	Teacher Name
Sr. No	Batch	Roll No.	Monday	C	Supervised by HOD	B	Dr. Rahat	E		Dr. Kamil	A	Dr. Aneela	D		Dr. Uzma	
1.	A	01-70	Tuesday	D		C	Dr. Khalid	A		Dr. Aneela	B	Dr. Shazia	E		Dr. Almas	
2.	B	71-140	Wednesday	E		D	Dr. Uzma	B		Dr. Shazia	C	Dr. Nayab	A		Dr. Romessa	
3.	C	141-210	Thursday	B		A	Dr. Almas	D		Dr. Iqra	E	Dr. Iqra	C		Dr. Khalid	
4.	D	211-280	Saturday	A		E	Dr. Romessa	C		Dr. Nayab	D	Dr. Kamil	B		Dr. Rahat	

Table No. 2 Batch Distribution and Venues for Anatomy Small Group Discussion SGDs / Dissections

• Physiology SGD: Insulin and Glucose Metabolism • Biochemistry CBL: Thyrotoxicosis	Batches	Roll No	Anatomy Teacher	Venue	Supervised by Prof. Dr. Ayesha Yousaf
	A	01-60	Dr. Sara Bano	New Lecture Hall Complex # 03	
	B	61-120	Dr. Sadia Aman	Anatomy Museum	
	C	121-180	Dr. Gaiti Ara	New Lecture Hall Complex # 01	
	D	181- 240	Dr. Sadia Baqir	Anatomy Lecture Hall 03	
	E	241- 300	Dr. Tariq Furqan	Anatomy Lecture Hall 04	
	F	301 onwards	Dr. Minahil Haq	New Lecture Hall Complex # 04	

Table No. 3 Batch Distribution with Venues and Teachers Name for Problem Based Learning (PBL) Sessions

Sr No.	Batches	Roll No	Venue	Teachers	Sr No.	Batches	Roll No	Venue	Teachers
1.	A1	(01-35)	Lecture Hall no.05 Physiology	Dr. Sana Latif (Demonstrator Biochemistry)	6.	C2	(176-210)	Lecture Hall no.04 (Basement)	Dr. Nayab Zonish (PGT Physiology)
2.	A2	(36-70)	Lecture Hall #.04 (1 st Floor Anatomy)	Dr. Farah (Demonstrator of Physiology)	7.	D1	(210-245)	Lecture Hall no.02 (Basement)	Dr. Iqra Ayub (PGT Physiology)
3.	B1	(71-105)	Anatomy Museum (First Floor Anatomy)	Dr. Romessa (Demonstrator Biochemistry)	8.	D2	(246-280)	Conference Room (Basement)	Dr. Rahat Afzal (APWMO Biochemistry)
4.	B2	(106-140)	Lecture Hall no.03 (First Floor)	Dr. Tariq Furrqan (Senior Demonstrator of Anatomy)	9.	E1	(281-315)	New Lecture Hall no.01	Dr. Nayab (PGT Biochemistry)
5.	C1	(141-175)	Lecture Hall no.05 (Basement)	Dr. Ali Zain (PGT Physiology)	10	E2	(315 onwards)	Lecture Hall no.04	Dr. Jawad Hassan (Demonstrator Physiology)

Table No. 6 Venues for Large Group Interactive Session (LGIS)

Odd Roll Numbers	New Lecture Hall Complex Lecture Theater # 01
Even Roll Number	New Lecture Hall Complex Lecture Theater # 04

Tentative Schedule for LMS Based Weekly Online Assessments for Second Year MBBS (Endocrinology Module) Batch 51

The online assessment for Endocrinology Module for Second Year MBBS will be as per following schedule:

Class	Module	Day & Date	Time of Assessment	Focal person	Department Responsible
Second Year MBBS	Endocrinology Module	Thursday 23 rd October,2025	9:00 pm-9:30pm	Prof. Dr Ayesha Yousaf	Anatomy
		Friday 24 th October,2025	9:00 pm-9:30pm	Prof. Dr Samia Sarwar	Physiology
		Saturday 25 th October,2025	9:00 pm-9:30pm	Dr Aneela Jamil	Biochemistry

Note: All dates are subject to change.

Endocrinology Module (Fourth Week)
(06-11-2025 To 15-15-2025)

Date / Days	Tentative Schedule for Endocrinology Sesnes Module Assessment	Time
06-11-2025 Thursday	Module Assessment	08:00am - 02:00pm
07-11-2025 Friday		08:00am - 02:00pm
09-11-2024 Saturday		08:15am - 09:15am
10-11-2024 Monday	Block-III Assessment	08:15am - 09:15am
11-11-2024 Tuesday		08:15am - 09:15am
12-11-2025 Wednesday		08:15am - 09:15am
13-11-2025 Thursday		08:00am - 02:00pm
14-11-2025 Friday		08:00am - 02:00pm
15-11-2025 Saturday		08:00am - 02:00pm

Note: Timetable Subject to Change According to The Current Circumstances.
