



**THIRD YEAR MBBS INTEGRATED CURRICULUM
(2025-2026)**

INTRODUCTION

PREAMBLE

The word *curriculum* comes from the Latin *curare*, meaning a racecourse, reflecting the structured path of learning. In general, it refers to a course of study; in medical education, it is defined as a planned set of learning experiences aimed at achieving specific outcomes. Curriculum is dynamic, constantly adapting to societal needs, professional requirements, and emerging knowledge.

A narrow view sees it as a list of subjects, while a broader view considers all learning experiences students encounter, including formal, informal, and hidden aspects. Globally, several models exist, such as apprenticeship, discipline-based, integrated, problem-based, and outcome-based. In Pakistan, the most common are the Traditional, Integrated, and Hybrid curricula.

Integrated Medical Curriculum

This model links scientific knowledge with clinical training by organizing learning around themes or organ systems rather than isolated subjects. Its goal is to remove the divide between basic and clinical sciences, improving understanding, retention, and skills.

Forms of Integration:

- **Horizontal Integration:** Coordination among basic science subjects, usually delivered in organ-system–based blocks.
- **Vertical Integration:** Combines basic, clinical, socio-humanistic, and population health themes across all years, with early clinical exposure and emphasis on professional values.

Traditional Medical Curriculum

A discipline-based model where students learn basic sciences (Anatomy, Physiology, Biochemistry) in the first two years through lectures, followed by clinical teaching from the third year onward. Its main limitation is the lack of early clinical relevance, making it harder for students to connect theory with patient care.

Hybrid Curriculum

A blended model that mixes didactic basic science teaching with early clinical exposure, system-based modules, or integrated sessions. It is practical

for institutions transitioning toward full integration while maintaining elements of the traditional structure.

Framework for Curriculum Planning and Development

(Based on International & National Standards)

Sr. No.	Step	Description
1	Identification of Core Issues & Broad Needs	Analyze existing gaps, stakeholder expectations and healthcare priorities.
2	Specific Needs Assessment	Focused assessment of students, faculty, community and regulatory demands.
3	Learning Outcomes & Objectives	Define measurable objectives and competencies aligned with standards. Reflect Knowledge, skills, attitudes, professionalism and ethics.
4	Educational Strategies	Select instructional methods: PBL, simulation, skills lab, integrated modules.
5	Implementation Plan	Include academic calendar, clinical rotations, resource allocation (labs, wards, e-learning) and interdepartmental coordination.
6	Evaluation & Feedback	Collect student & faculty feedback, analyse assessments and review curriculum.

Rationale for MBBS Curriculum at CMH LMC & IOD

The MBBS curriculum at CMH Lahore Medical College & Institute of Dentistry (CMH LMC & IOD) is designed to develop competent, ethical, and socially accountable medical graduates capable of addressing diverse and evolving healthcare needs. It is fully aligned with the NUMS MBBS Curriculum (2026) and the Pakistan Medical & Dental Council (PM&DC) Standards (2024), ensuring quality, uniformity, and compliance with national accreditation requirements.

This hybrid curriculum incorporates key elements from Harden’s Level 7 Integration (Correlation). Whereas, 4th and final year MBBS curricula are still traditional. From first to 3rd year, vertically aligned themes span across these years of the MBBS programme, each comprising a set of sub-themes

organized into modules for both horizontal and vertical integration. These modules are further divided into blocks to ensure balanced content distribution and temporal coordination. Specific topics within each module are designated for integrated sessions, in accordance with the requirements of Harden's Level 7 (Correlation) model where there is occasional vertical integration along with horizontal integration however, disciplinary boundaries are maintained in both teaching and assessment.

The sequencing and alignment of courses and modules—reflected in the curriculum map—are based on guidelines issued by the Pakistan Medical & Dental Council (PM&DC) and the Higher Education Commission (HEC). This educational structure begins with intensive basic science teaching enriched with early clinical exposure and gradually transitions toward advanced clinical learning as students' progress. Vertical themes ensure that key concepts are revisited throughout subsequent years, giving the curriculum a spiral, progressively integrated character.

Although subject boundaries are maintained, most discipline-specific content is taught in the relevant year, while selected components are integrated vertically across subsequent years. This approach supports meaningful conceptual linkages across subjects, fostering interconnected learning and reinforcing one of the core goals of integration: enhancing relevance and understanding.

Assessment strategies are aligned with the block-wise structure of the curriculum, ensuring coherence and supporting comprehensive evaluation of students' competencies in knowledge, skills, and professional attitudes.

Through progressive learning experiences, beginning with foundational sciences, advancing through applied clinical sciences, and culminating in two years of intensive clinical training, the program prepares students for postgraduate education and real-world medical practice. Graduates are expected to demonstrate clinical competence, ethical judgment, communication proficiency, scientific reasoning, and commitment to lifelong learning.

Hybrid Curriculum (Modular + Discipline-Based Structure)

The MBBS programme at CMH LMC & IOD has a hybrid curriculum,

Years I–III: Modular, System-Based Structure

During the first three years, the curriculum is delivered through integrated, system-based modules. Each module draws content from multiple foundational and applied basic science disciplines, including Anatomy, Physiology, Biochemistry, Pathology, Pharmacology, and Community Medicine, to promote a holistic understanding of normal and abnormal human structure and function.

This modular design supports:

- Horizontal integration across foundational basic sciences
- Vertical integration with applied clinical concepts
- Reduced content fragmentation
- Strengthened conceptual cohesion

Teaching and learning activities include interactive lectures, case-based discussions, early clinical exposure, practical skill development, simulation-based sessions, and formative assessments. These approaches help students relate theoretical knowledge to real clinical situations from the earliest stages of their training.

Years IV–V: Discipline-Based Structure with Clinical Immersion

In the final two years, the curriculum transitions to a discipline-based format to accommodate increasing clinical depth and learner maturity.

- **Year IV** focuses on specialized subjects such as Special Pathology, Community Medicine & Public Health, Ophthalmology, and ENT. Learning remains clinically anchored to enhance application and reasoning.
- **Year V** emphasizes intensive, supervised clinical rotations in core disciplines—Medicine, Surgery, Obstetrics & Gynaecology, Paediatrics, and allied specialties. This phase prioritizes workplace-based learning, diagnostic and therapeutic reasoning, procedural proficiency, patient communication, interprofessional collaboration, and professional identity formation.

Longitudinal Themes Across All Years

To ensure holistic professional development, the hybrid model integrates multiple longitudinal themes throughout the programme, including:

- Professionalism and medical ethics
- Communication skills
- Evidence-based medicine (EBM)
- Research methodology and critical appraisal
- Digital literacy and health informatics
- Infection control and patient safety

- Leadership, teamwork, and reflective practice

These themes reinforce students' growth as ethical, socially responsible, and competent future physicians.

MBBS Curriculum Philosophy

The curriculum philosophy blends constructivist, cognitivist, and behaviorist approaches. It allows students to construct their own knowledge based on what they already know and to use that knowledge in purposeful activities requiring decision making, problem solving, and judgments.

Constructivist Approach

- Case-based learning
- Problem-solving
- Collaborative learning
- Reflective practice

Cognitivist Approach

- Structured modular planning
- Spiral curriculum
- Integration and contextual learning

Behaviourist Elements

- Demonstrations
- Skills training
- Feedback-based learning
- Standardized assessments

Spiral Progression

- **Spiral I (Y1–2):** Normal structure and function
- **Spiral II (Y3):** Abnormal structure & function, pathology, microbiology, pharmacology
- **Spiral III (Y4):** Systemic pathology, applied clinical sciences, community health

- **Year V:** Full-time **clinical training** and workplace-based learning

The MBBS curriculum follows Harden's 7 Levels of Integration, with Level 7 (Correlation).

1.PREAMBLE

Integration has been accepted as an important educational strategy in medical education. NUMS believes in continuous curriculum revision through regular reviews and feedback of stakeholders. This curriculum is outcome based, patient centered, community relevant, promotes health and prevents disease. It has been revised by the faculty of basic and clinical sciences from constituent/affiliated colleges in collaboration with NUMS Academic Directorate and NUMS department of Health Professions Education.

2.CURRICULUM PERSPECTIVE

The NUMS curriculum has been developed by incorporating principles from constructivist and behaviorist theories, along with selected aspects of the cognitivist approach. It encourages students to build new knowledge upon their existing understanding and to apply this knowledge in meaningful tasks that involve decision-making, problem-solving, and critical judgment.

3.LEVEL OF INTEGRATION

NUMS implements Correlation, equivalent to Level 7 of Harden's Integration Ladder, during the first three years of the MBBS program. Although discipline-based teaching remains central, an integrated component aligns content across subjects to enhance clinical relevance and conceptual linkage. CMH Lahore Medical College applies the same Level 7 integration in Third Year, with horizontal integration across Pathology, Pharmacology, Forensic Medicine, and Community Medicine, and vertical integration through structured early clinical exposure. Clerkships begin in Third Year and continue through Final Year, culminating in full-time clerkships in MBBS Year V.

4.CURRICULAR ORGANIZATION AND STRUCTURE

- To ensure effective integration within the MBBS program, teaching will be organized across three spirals
- The NUMS MBBS curriculum for the first four years will be delivered in a system-based modular format with a strong emphasis on clinical relevance. From Year III onward, students will receive clinical exposure through rotations and clerkships in wards and outpatient departments.
- Year III will consist of three blocks, each comprising multiple modules. The duration of each module will be determined by the number and complexity of the learning objectives.
- The curriculum will be implemented by multidisciplinary block teams, including faculty from the basic sciences and relevant clinical departments.
- Planning and delivery will be overseen by Block Coordinators, who will support and guide module coordinators to ensure effective implementation.
- Block Coordinators, responsible for organizing teaching and assessment within each module. Appointments will be made by the HoDs in collaboration with the SHaPE.
- Chief Clinical Coordinator and Clinical Coordinator (Names are given , are responsible for managing student placement, teaching, and assessment during clinical rotations.

- CMH LMC will provide block/ module-specific study guides to students for structured learning.

5. PRECLINICAL ASPECTS OF MEDICINE (SPIRAL II-YEAR III)

Integration of Pre-Clinical and Clinical Sciences, including General Pathology, Microbiology, Pharmacology, Community Medicine, and relevant clinical disciplines will be achieved through system-based modules that connect foundational science concepts with clinical problems, ensuring subjects are taught as a cohesive whole. Additional content not fully aligned with a module's central theme will be incorporated where necessary. In Year III, students will study abnormal structure and function and the pharmacological basis of therapeutics in clinically relevant contexts, with Forensic Medicine and Community Medicine integrated where applicable. Students will also undertake clinical rotations in Medicine & Allied, Surgery & Allied with ward tests conducted at the end of each rotation contributing to internal assessment. Longitudinal themes such as Behavioral Sciences, Research Methodology and Evidence-Based Medicine, Infection Control, , Patient Safety and Leadership Management & Professionalism will remain core components throughout the year. Alongside scheduled teaching sessions, students will be expected to engage in self-directed learning to meet the required learning outcomes. They will be encouraged to participate in community service (Rangers hospital), extracurricular activities, and elective courses during summer vacations.

6. COMPETENCIES

Apart from attending scheduled daily sessions, students will be expected to engage in self-directed learning to achieve the intended outcomes of becoming effective community health professionals, critical thinkers and role models, researchers, and leaders. The generic competencies emphasized in Year III include:

- Medical Knowledge
- Clinical Skills
- Communication Skills
- Procedural Skills
- Interpersonal Skills
- Critical Thinking
- Patient Care and Safety
- Health Promotion and Disease Prevention
- Research Skills
- Ethical Understanding and Legal Responsibilities
- Professionalism, Altruism, and Social Accountability

7. LEARNING OUTCOMES

By the end of third year, students will be able to:

- Integrate key concepts from pathology and microbiology to explain disease mechanisms and link them with appropriate treatment strategies and clinical diagnosis.
- Perform and interpret fundamental pathological, pharmacological, and forensic laboratory procedures.
- Apply principles of forensic medicine and medical jurisprudence to evaluate medico-legal cases, conduct basic forensic assessments, and interpret findings in alignment with ethical and legal standards.
- Elicit a relevant and focused history effectively from patients.
- Organize and interpret patient signs and symptoms according to body systems for accurate clinical understanding.
- Exhibit professionalism and social accountability in academic, clinical, and community environments.
- Utilize behavioral science principles to enhance patient interaction, clinical communication, and health-promoting behaviors.
- Employ leadership and management skills in team-based activities, group tasks, and collaborative projects.
- Describe the fundamentals of research methodology, biostatistics, and processes involved in critical appraisal.
- Demonstrate knowledge of infection prevention practices, sterilization techniques, and control of hospital-acquired infections.
- Identify common clinical risks and errors and explain their implications for patient safety.

1. BLOCK COORDINATORS FOR THIRD YEAR MBBS

BLOCKS	NAMES	DESIGNATIONS
BLOCK VII	DR.AYELA EMAN ZIA	ASSOCIATE PROFEESOR
BLOCK VIII	DR.KANWAL HASSAN	ASSITANT PROFESSOR
BLOCK IX	DR.SALMAN RANA	ASSOCIATE PROFEESOR

2.FOCAL PERSONS FOR THIRD YEAR MBBS

NAMES	SUBJECTS
DR.AYELA/DR.RABIA/DR.QURAT	PHARMACOLOGY
DR.KANWAL/DR.AFIA	PATHOLOGY
DR.SADAF NADIR	FORENSIC MEDICINE
DR.SABA SAIF	MEDICINE
BRIG.ADNAN KHALID	SURGERY
DR.ALI ATHAR/DR.IRUM	BEHAVORIAL SCIENCES
DR.QURATULAIN MUSHTAQ	GYNAE AND OBS
DR.TAHIRA	COMMUNITY MEDICINE
DR.SPENTA KAKALIA	PEDIATRICS

3.CHIEF CLINICAL COORDINATOR AND CLINICAL COORDINATOR

CHIEF CLINICAL COORDINATOR	PROF.DR.MUHAMMAD SIDDIQUE
CLINICAL COORDINATOR	BRIG.DR.ADNAN KHALID

ACADEMIC CALENDER OF THIRD YEAR MBBS (2025-2026)

Weeks	Details	Dates	
		From	To
Block VII (12+1 weeks)			
	Start of New Class	24 Nov 2025	
1-4	Academic Classes Block VII (04 weeks) Module I (Foundation II) (4/6 wks)	24 Nov 2025	19 Dec 2025
5	Winter Vacations	22 Dec 2025	26 Dec 2025
6-13	Academic Classes Block VII (08 weeks) Module I (Foundation II) (2/6 wks) Module II (CVS II) (4wks) Module III (Renal) (2wks)	29 Dec 2025	20 Feb 2026
	Drug Awareness Seminar	29 Jan 2026 (Thu)	
	Kashmir Day	05 Feb 2026 (Thu)	
	Block VII Exam		
14	Paper I (Pharmacology + Pathology)	24 Feb 2026 (Tue)	
	Forensic Medicine	26 Feb 2026 (Thu)	
	Behavioral Sciences	27 Feb 2026 (Fri)	
	Block VIII 10+1 weeks		
15-17	Academic Classes Block VIII (04 weeks) Module I (Haem & Immunology II) (3 wks)	02 Mar 2026	19 Mar 2026
	Eid ul Fitr	20 Mar 2026	22 Mar 2026
18	Pakistan Day	23 Mar 2026 (Mon)	
	Spring Vacations	24 Mar 2026	27 Mar 2026
19-25	Academic Classes Block VIII (07 weeks) Module II (Genetics & Neurosciences) (4 wks) Module III (Respiratory System II) (3 wks)	30 Mar 2026	15 May 2026
	Labor Day	01 May 2026 (Fri)	
	Nawa e Sarosh (CMH Literary Festival)	13 May 2026 (Wed)	

26	Block VIII Exam		
	Paper II (Pharmacology + Pathology)	19 May 2026 (Tue)	
	Forensic Medicine	21 May 2026 (Thu)	
	Annual Sports Day	20 May 2026	
	Behavioral Sciences	22 May 2026 (Fri)	
Block IX (11 weeks)			
27	Academic Classes Block IX (01 weeks) Module I (Digestive System & Metabolism II) (1/3 wks)	25 May 2026	29 May 2026
	Eid ul Azha (Tentative)	27-29 May 2026	
28-29	Summer Vacations (2x weeks)	01 June 2026	12 June 2026
30-31	Academic Classes Online (02 weeks) Module I (Digestive System & Metabolism II) (2/3 wks)	15 June 2026	26 June 2026
	Ashura (Tentative)	24 – 25 June 2026	
32-39	Academic Classes Block IX (08 weeks) Module II [Multisystem I(Neoplasia)] (4 wks) Module II [Multisystem II (infectious Diseases)] (4 wks)	29 June 2026	21 Aug 2026
	Life-line Symposium	01 July 2026 (Tue)	
	Annual GK Quiz Competition	07 July 2026 (Tue)	
	Irteqa	09 July 2026 (Thu)	
	Purpose Over Popularity (SYNC)	15 July 2026 (Wed)	
	Olympiad	17 July 2026	
	Trifecta (Opening Ceremony)	24 July 2026	
	Trifecta (Closing Ceremony)	26 July 2026	
	Annual Research Conference	30 July 2026 (Thu)	
	Inter Med Fest	03 Aug 2026	
	Independence Day Event	13 Aug 2026 (Thu)	
	Independence Day	14 Aug 2026 (Fri)	
	Qiraat & Naat Competition & Eid Milad-un-Nabi	20 Aug 2026	
	Prep Leaves Pre-Annual Exam	22 Aug 2026	
	Pre-Annual/ Send-up Exam (Theory + OSPE)	26 Aug 2026	
	Integrated Paper I	26 Aug 2026 (Wed)	
	Integrated Paper II	28 Aug 2026 (Fri)	
	Integrated Paper III	01 Sept 2026 (Tue)	
	Behavioral Sciences	03 Sept 2026 (Thu)	

Forensic Medicine	07 Sept 2026 (Mon)
OSPE/OSCE	08 Sept 2026
Prep Leave Annual Exam	14 Sept 2026
NUMS Annual Professional Exam	29 Sept 2026

PROPOSED CONTACT HOURS

SUBJECTS	Contact Hours
Pathology	260
Pharmacology	300
Forensic Medicine	100
Community Medicine	30
Research Methodology & Evidence based Medicine	20
Medicine & Allied	235
Surgery & Allied	225
Obs/ Gynae	05
Paediatrics	10
Infection control	05
Patient Safety	05
Behavioral Science	50
Leadership and Management	05
Professionalism	05
Co-curricular activities	40
TOTAL HOURS	1295

[Weekly Timetables Schedules 3rd Year MBBS Session 2025-26](#)



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<https://docs.google.com/spreadsheets/d/1i0uk11h7bKgv2hSXElh2WEbf8v4Gmrz0/edit?usp=drivesdk&oid=114370490398002449630&rtpof=true&sd=true>

LECTURE SCHEDULE OF PHARMACOLOGY

Week	Date	Topic Block VII	Instructional Strategy/ Assessment	Name of Instructor
Module-I (Foundation) 6 weeks				
Week 1	Monday 24-11-25	Introduction to Pharmacology	Interactive lecture/ MCQ, SAQ	Dr. Waqar Ahmed Siddiqui
		Routes of administration of drugs	Interactive lecture/ MCQ, SAQ	Dr. Ayela Eman Zia
	Tuesday 25-11-25	Absorption of drugs and factors modifying drug absorption	Interactive lecture/ MCQ, SAQ	Dr. Usman Aslam
		Bioavailability: clinical significance & factors affecting bioavailability	Interactive lecture/ MCQ, SAQ	Dr. Rabia Rafique
	Wednesday 26-11-25	Distribution of drugs, Volume of distribution & Plasma protein binding of drugs	Interactive lecture/ MCQ, SAQ	Dr. Qurat-ul-ain
	Thursday 27-11-25	Excretion of drugs: Drug clearance	Interactive lecture/ MCQ, SAQ	Dr. Waqar Ahmed Siddiqui
	Friday 28-11-25	Half-life of drugs: factors affecting & clinical significance	Interactive lecture/ MCQ, SAQ	Dr. Ayela Eman Zia
Week 2	Monday 1-12-25	Pharmacokinetics	Small group discussion / MCQ, SAQ	All faculty
		Pharmacokinetics	Small group discussion / MCQ, SAQ	All faculty
	Tuesday 2-12-25	Biotransformation of drugs-I	Interactive lecture/ MCQ, SAQ	Dr. Usman Aslam
		Biotransformation of drugs-II	Interactive lecture/ MCQ, SAQ	Dr. Usman Aslam
	Wednesday 3-12-25	Signaling mechanism	Interactive lecture/ MCQ, SAQ	Dr. Quratulain
	Thursday 4-12-25	Drug-receptor Interaction	Interactive lecture/ MCQ, SAQ	Dr. Rabia Rafique
	Friday 5-12-25	Drug Antagonism	Interactive lecture/ MCQ, SAQ	Dr. Usman Aslam
Week 3	Monday 8-12-25	Pharmacodynamics	Small Group discussion/ MCQ, SAQ	All faculty
		Pharmacodynamics	Small Group discussion / MCQ, SAQ	All faculty
	Tuesday 9-12-25	Dose-response Curves	Interactive lecture/ MCQ, SAQ	Dr. Usman Aslam
		Factors modifying Drug Dose & Action	Interactive lecture/ MCQ, SAQ	Dr. Ayela Eman Zia
	Wednesday 10-12-25	Dose regimen, Loading Dose & Maintenance Dose	Interactive lecture/ MCQ, SAQ	Dr. Waqar Ahmed Siddiqui
	Thursday 11-12-25	Adverse Drug Effects	Interactive lecture/ MCQ, SAQ	Dr. Rabia Rafique
	Friday 12-12-25	Pharmacogenetics	Interactive lecture/ MCQ, SAQ	Dr. Qurat-ul-ain

Week	Date	Topic Block VII	Instructional Strategy/ Assessment	Name of Instructor
Week 4	Monday 15-12-25	Test: General Pharmacology	MCQ, SAQ	All Faculty
		Test: General Pharmacology	MCQ, SAQ	All Faculty
	Tuesday 16-12-25	Introduction to ANS	Interactive lecture/ MCQ, SAQ	Dr. Usman Aslam
		Para sympathomimetics-I	Interactive lecture/ MCQ, SAQ	Dr. Ayela Eman Zia
	Wednesday 17-12-25	Para sympathomimetics-II	Interactive lecture/ MCQ, SAQ	Dr. Ayela Eman Zia
	Thursday 18-12-25	Parasympatholytics-I	Interactive lecture/ MCQ, SAQ	Dr. Qurat-ul-ain
	Friday 19-12-25	Parasympatholytics-II	Interactive lecture/ MCQ, SAQ	Dr. Qurat-ul-ain
Winter Break 22 nd Dec to 26 th Dec 2025				
Week 5	Monday 29-12-25	Para sympathomimetics +	Small Group discussion/ MCQ, SAQ	All Faculty
		Parasympatholytics +	Small Group discussion/ MCQ, SAQ	All Faculty
	Tuesday 30-12-25	Sympathomimetics-I	Interactive lecture/ MCQ, SAQ	Dr. Waqar Ahmed Siddiqui
		Sympathomimetics-II	Interactive lecture/ MCQ, SAQ	Dr. Waqar Ahmed Siddiqui
	Wednesday 31-12-25	Alpha Blockers	Interactive lecture/ MCQ, SAQ	Dr. Rabia Rafique
	Thursday 1-1-26	Beta Blockers	Interactive lecture/ MCQ, SAQ	Dr. Rabia Rafique
	Friday 2-1-26	Beta Blockers + Central Sympathoplegics	Interactive lecture/ MCQ, SAQ	Dr. Rabia Rafique
Week 6	Monday 5-1-26	ANS test	MCQ, SAQ	All Faculty
		ANS test	Interactive lecture/ MCQ, SAQ	All Faculty
	Tuesday 6-1-26	Drugs used for glaucoma	Interactive lecture/ MCQ, SAQ	Dr. Ayela Eman Zia
		Autocoids	Interactive lecture/ MCQ, SAQ	Dr. Qurat-ul-ain
	Wednesday 7-1-26	NSAIDs-I	Interactive lecture/ MCQ, SAQ	Dr. Waqar Ahmed Siddiqui
	Thursday 8-1-26	NSAIDs-II	Interactive lecture/ MCQ, SAQ	Dr. Waqar Ahmed Siddiqui
	Friday 9-1-26	Antiseptics & Disinfectants	Interactive lecture/ MCQ, SAQ	Dr. Rabia Rafique
BLOCK VII Module-II (CVS) 4 weeks				
Week 1	Monday 12-1-26	Anti-coagulants I	Interactive lecture/ MCQ, SAQ	Dr. Usman Aslam
		Anti-coagulants II	Interactive lecture/ MCQ, SAQ	Dr. Usman Aslam
	Tuesday 13-1-26	Anti-platelets	Interactive lecture/ MCQ, SAQ	Dr. Waqar Ahmed Siddiqui
		Thrombolytics	Interactive lecture/ MCQ, SAQ	Dr. Ayela Eman Zia

Week	Date	Topic Block VII	Instructional Strategy/ Assessment	Name of Instructor
	Wednesday 14-1-26	Anti-Hypertensive Drugs I	Interactive lecture/ MCQ, SAQ	Dr. Waqar Ahmed Siddiqui
	Thursday 15-1-26	Anti-Hypertensive Drugs II	Interactive lecture/ MCQ, SAQ	Dr. Waqar Ahmed Siddiqui
	Friday 16-1-26	Anti-Hypertensive Drugs III	Interactive lecture/ MCQ, SAQ	Dr. Waqar Ahmed Siddiqui
Week 2	Monday 19-1-26	Blood & Hypertension	Small group discussion / MCQ, SAQ	All faculty
		Blood & hypertension	Small group discussion / MCQ, SAQ	All faculty
	Tuesday 20-1-26	Drugs used in CCF I	Interactive lecture/ MCQ, SAQ	Dr. Usman Aslam
		Drugs used in CCF II	Interactive lecture/ MCQ, SAQ	Dr. Usman Aslam
	Wednesday 21-1-26	Drugs used in IHD I	Interactive lecture/ MCQ, SAQ	Dr. Ayela Eman Zia
	Thursday 22-1-26	Drugs used in IHD II	Interactive lecture/ MCQ, SAQ	Dr. Ayela Eman Zia
	Friday 23-1-26	Blood test	MCQ, SAQ	All faculty
Week 3	Monday 26-1-26	Drugs used in CCF & IHD	Small group discussion / MCQ, SAQ	All faculty
		Drugs used in CCF & IHD	Small group discussion / MCQ, SAQ	All faculty
	Tuesday 27-1-26	Anti-arrhythmic drugs I	Interactive lecture/ MCQ, SAQ	Dr. Waqar Ahmed Siddiqui
		Anti-arrhythmic drugs II	Interactive lecture/ MCQ, SAQ	Dr. Waqar Ahmed Siddiqui
	Wednesday 28-1-26	Anti-arrhythmic drugs III	Interactive lecture/ MCQ, SAQ	Dr. Waqar Ahmed Siddiqui
	Thursday 29-1-26	Anti-hyperlipidemic drugs I	Interactive lecture/ MCQ, SAQ	Dr. Qurat-ul-ain
	Friday 30-1-26	Anti-hyperlipidemic drugs II	Interactive lecture/ MCQ, SAQ	Dr. Qurat-ul-ain
Week 4	Monday 2-2-26	CVS Test	MCQ, SAQ	All faculty
			MCQ, SAQ	All faculty
	Tuesday 3-2-26	Test Discussion: CVS + Blood	Interactive lecture/ MCQ, SAQ	
		Test Discussion: ANS	Interactive lecture/ MCQ, SAQ	
	Wednesday 4-2-26	Test Discussion: General Pharma	MCQ, SAQ	
	Thursday 5-2-26	Kashmir Day Holiday		
	Friday 6-2-26	Integrated Seminar	All departments	
BLOCK VII				

Week	Date	Topic Block VII	Instructional Strategy/ Assessment	Name of Instructor
Module-III (Renal) 2 weeks				
Week 1	Monday	Introduction to Renal Pharmacology	Interactive lecture/ MCQ, SAQ	Dr. Qurat-ul-ain
	9-2-26	Diuretics I	Interactive lecture/ MCQ, SAQ	Dr. Rabia Rafique
	Tuesday	Diuretics II	Interactive lecture/ MCQ, SAQ	Dr. Waqar Ahmed Siddiqui
	10-2-26	Diuretics III	Interactive lecture/ MCQ, SAQ	Dr. Waqar Ahmed Siddiqui
	Wednesday	Diuretics IV	Interactive lecture/ MCQ, SAQ	Dr. Ayela Eman Zia
	11-2-26			
	Thursday	Revision Class	Interactive lecture/ MCQ, SAQ	
	12-2-26			
	Friday		Interactive lecture/ MCQ, SAQ	
	13-2-26			
Week 2	Monday	Diuretics	Small group discussion / MCQ, SAQ	All faculty
	16-2-26	Diuretics	Small group discussion / MCQ, SAQ	All faculty
	Tuesday	Test Diuretics	Interactive lecture/ MCQ, SAQ	
	17-2-26	Test Discussion	Interactive lecture/ MCQ, SAQ	
	Wednesday	Revision: General Pharma	Interactive lecture/ MCQ, SAQ	
	18-2-26			
	Thursday	Revision: ANS	Interactive lecture/ MCQ, SAQ	
	19-2-26			
	Friday	Revision: CVS	Interactive lecture/ MCQ, SAQ	
	20-2-26			
BLOCK EXAM: 23-02-2026 to 27-02-2026				

Department of Pharmacology-3rd year MBBS

Lecture Schedule (2nd March 2026 – 26th May 2026)

Date	Day	Time	Topic	Facilitator
02-03-2026	Monday	8:40 to 9:20	Anti-malarial Drugs I	Dr. Usman
		9:20 to 10:00	Anti-malarial Drugs II	Dr. Usman
03-03-2026	Tuesday	8:40 to 9:20	Hematinics	Dr. Ayela
		11:20 to 12:00	Drug treatment of Rheumatoid Arthritis	Dr. Waqar
04-03-2026	Wednesday	11:20 to 12:00	Pharmacotherapy of Gout	Dr. Ayela
05-03-2026	Thursday	9:20 to 10:00	Heavy Metal Poisoning and Antidotes (Chelating agents)	Dr. Rabia
06-03-2026	Friday	8:40 to 9:20	Immunostimulants including probiotics, vaccines and sera	Dr. Qurat
09-03-2026	Monday	8:00 to 8:40	SGD-Anti-malarials, drugs for Gout & RA	All faculty
		8:40 to 9:20	SGD-Anti-malarials, drugs for Gout & RA	All faculty
10-03-2026	Tuesday	8:40 to 9:20	Immunosuppressants I	Dr. Qurat
		11:20 to 12:00	Immunosuppressants II	Dr. Qurat
11-03-2026	Wednesday	11:20 to 12:00	Central neurotransmission	Dr. Rabia
12-03-2026	Thursday	9:20 to 10:00	Sedative & Hypnotics I	Dr. Ayela
13-03-2026	Friday	8:40 to 9:20	Sedative & Hypnotics II	Dr. Ayela
	Integrated Session	11:40-1:00	Heavy Metal Poisoning (Pharmacology + Forensic Medicine)	Dr. Rabia
16-03-2026	Monday	8:00 to 8:40	SGD- Sedative & Hypnotics & Immunosuppressants	All faculty
		8:40 to 9:20	SGD- Sedative & Hypnotics & Immunosuppressants	All faculty
17-03-2026	Tuesday	8:40 to 9:20	Antihistamines	Dr. Rabia
		11:20 to 12:00	Anti-epileptic drugs I	Dr. Waqar
18-03-2026	Wednesday	11:20 to 12:00	Anti-epileptic drugs II	Dr. Waqar
19-03-2026	Thursday	9:20 to 10:00	Anti-epileptic drugs III	Dr. Waqar
20-03-2026	Friday	8:50 to 9:40	Eid Holidays, Pakistan Day, Spring Vacations	
23-03-2026	Monday	8:00 to 8:50		
		8:50 to 9:40		
24-03-2026	Tuesday	8:50 to 9:40		

		12:40 to 1:30		
25-03-2026	Wednesday	12:40 to 1:30		
26-03-2026	Thursday	9:40 to 10:30		
27-03-2026	Friday	8:50 to 9:40		
30-03-2026	Monday	8:00 to 8:50	Test Hematology & Immunology	All faculty
		8:50 to 9:40	Test Hematology & Immunology	All faculty
31-03-2026	Tuesday	8:50 to 9:40	Local Anesthetics I	Dr. Usman
		12:40 to 1:30	Local Anesthetics II	Dr. Usman
01-04-2026	Wednesday	12:40 to 1:30	General Anesthetics I	Dr. Usman
02-04-2026	Thursday	9:40 to 10:30	General Anesthetics II	Dr. Usman
03-04-2026	Friday	8:50 to 9:40	Alcohols	Dr. Rabia
06-04-2026	Monday	8:00 to 8:50	SGD: LA & GA & Anti-epileptics	All faculty
		8:50 to 9:40	SGD: LA & GA & Anti-epileptics	All faculty
07-04-2026	Tuesday	8:50 to 9:40	General Anesthetics III	Dr. Usman
		12:40 to 1:30	Antidepressants I	Dr. Waqar
08-04-2026	Wednesday	12:40 to 1:30	Antidepressants II	Dr. Waqar
09-04-2026	Thursday	9:40 to 10:30	Antidepressants III	Dr. Waqar
10-04-2026	Friday	8:50 to 9:40	Serotonin receptors & Migraine	Dr. Rabia
	Integrated Session	1:30 to 3:00	Anesthetics (Pharmacology + Surgery)	Dr. Usman

13-04-2026	Monday	8:00 to 8:50	Class test CNS I	All faculty
		8:50 to 9:40	Class test CNS I	All faculty
14-04-2026	Tuesday	8:50 to 9:40	CNS test discussion	Dr. Ayela
		12:40 to 1:30	Antipsychotics I	Dr. Qurat
15-04-2026	Wednesday	12:40 to 1:30	Antipsychotics II	Dr. Qurat
16-04-2026	Thursday	9:40 to 10:30	Antipsychotics III (drugs for bipolar disorders)	Dr. Qurat
17-04-2026	Friday	8:50 to 9:40	Olympiad	
20-04-2026	Monday	8:00 to 8:50	SGD: Anti-psychotics	All faculty
		8:50 to 9:40	SGD: Anti-psychotics	All faculty
21-04-2026	Tuesday	8:50 to 9:40	Opioids I	Dr. Ayela
		12:40 to 1:30	Opioids II	Dr. Ayela
22-04-2026	Wednesday	12:40 to 1:30	Drug Dependence	Dr. Qurat
23-04-2026	Thursday	9:40 to 10:30	Drugs used in Parkinsonism I	Dr. Rabia
24-04-2026	Friday	8:50 to 9:40	Drugs used in Parkinsonism II	Dr. Rabia
	Integrated	1:30 to 3:00	Antipsychotics	Dr. Waqar

	Session		(Pharmacology + Behavioral Sciences)	
27-04-2026	Monday	8:00 to 8:50	SGD: Opioids & Parkinsonism	All faculty
		8:50 to 9:40	SGD: Opioids & Parkinsonism	All faculty
28-04-2026	Tuesday	8:50 to 9:40	Skeletal Muscle Relaxants	Dr. Ayela
		12:40 to 1:30	Skeletal Muscle Relaxants	Dr. Ayela
29-04-2026	Wednesday	12:40 to 1:30	Anti- tuberculosis drugs I	Dr. Usman
30-04-2026	Thursday	9:40 to 10:30	Anti- tuberculosis drugs II	Dr. Usman
01-05-2026	Friday	8:50 to 9:40	Labor Day	
04-05-2026	Monday	8:00 to 8:50	CNS Class test II	All faculty
		8:50 to 9:40	CNS Class test II	All faculty
05-05-2026	Tuesday	8:50 to 9:40	Test Discussion	Dr. Qurat
		12:40 to 1:30	Drugs used in Bronchial Asthma I	Dr. Waqar
06-05-2026	Wednesday	12:40 to 1:30	Mushaira	
07-05-2026	Thursday	9:40 to 10:30	Drugs used in Bronchial Asthma II	Dr. Waqar
08-05-2026	Friday	8:50 to 9:40	Drugs used in Bronchial Asthma III	Dr. Waqar
11-05-2026	Monday	8:00 to 8:50	PBL: Asthma & TB	All faculty
		8:50 to 9:40	PBL: Asthma & TB	All faculty
12-05-2026	Tuesday	8:50 to 9:40	Anti-tussives & Expectorants	Dr. Qurat
		12:40 to 1:30	Quiz competition	
13-05-2026	Wednesday	12:40 to 1:30	Revision Class	Dr. Rabia
14-05-2026	Thursday	9:40 to 10:30	Qiraat & Naat competition	
15-05-2026	Friday	8:50 to 9:40	Revision Class	Dr. Ayela/ Dr. Sidra
	Integrated Session	1:30 to 2:10	Block Revision + Q/A	Dr. Quratulain
18-05-2026	Monday	8:00 to 8:50	Paper II (Pharmacology + Pathology)	
		8:50 to 9:40		
19-05-2026	Tuesday	8:50 to 9:40		
		12:40 to 1:30		
20-05-2026	Wednesday	12:40 to 1:30	Forensic Medicine	
21-05-2026	Thursday	9:40 to 10:30		
22-05-2026	Friday	8:50 to 9:40	Behavioral Sciences	
25-05-2026	Monday	8:00 to 8:50		
		8:50 to 9:40		
26-05-2026	Tuesday	8:50 to 9:40		
		12:40 to 1:30		

Lecture Schedule (25th May 2026 – 22nd Aug 2026)

Date	Day	Time	Topic	Facilitator
26-05-2026	Tuesday	8:50 to 9:40	Eid ul Azha (Tentative) Holidays	
		12:40 to 1:30		
27-05-2026	Wednesday	11:20 to 12:00		
28-05-2026	Thursday	9:20 to 10:00		
29-05-2026	Friday	8:40 to 9:20		
01-06-2026	Monday	8:00 to 8:40	Summer vacations	
		8:40 to 9:20		
02-06-2026	Tuesday	8:40 to 9:20		
		11:20 to 12:00		
03-06-2026	Wednesday	11:20 to 12:00		
04-06-2026	Thursday	9:20 to 10:00		
05-06-2026	Friday	8:40 to 9:20		
	Integrated Session	11:40-1:00		
08-06-2026	Monday	8:00 to 8:40		
		8:40 to 9:20		
09-06-2026	Tuesday	8:40 to 9:20		
		11:20 to 12:00		
10-06-2026	Wednesday	11:20 to 12:00		
11-06-2026	Thursday	9:20 to 10:00		
12-06-2026	Friday	8:50 to 9:40		
15-06-2026	Monday	8:00 to 8:50	LMS based activity (drugs used in protozoal infections)	Dr. Waqar Ahmed
		8:50 to 9:40	LMS based activity (drugs used in protozoal infections)	Dr. Waqar Ahmed
16-06-2026	Tuesday	8:50 to 9:40	LMS based activity (anti-helminthics)	Dr. Ayela Eman Zia
		12:40 to 1:30	LMS based activity (anti-helminthics)	Dr. Ayela Eman Zia
17-06-2026	Wednesday	12:40 to 1:30	LMS based activity (Prokinetics)	Dr. Sidra Zahid
18-06-2026	Thursday	9:40 to 10:30	LMS based activity (Drugs used in IBD & IBS)	Dr. Arooj
19-06-2026	Friday	8:50 to 9:40	LMS based activity (intro to endo, hypothalamic & pituitary hormones)	Dr. Qurat
22-06-2026	Monday	8:00 to 8:50	LMS based activity (androgens & anabolic steroids)	Dr. Usman
		8:50 to 9:40	LMS based activity (androgens & anabolic steroids)	Dr. Usman

23-06-2026	Tuesday	8:50 to 9:40	LMS based activity (drugs used in infertility)	Dr. Ayela Eman Zia
		12:40 to 1:30	LMS based activity (uterine relaxants)	Dr. Rabia Rafiq
24-06-2026	Wednesday	12:40 to 1:30	Ashura (Tentative) Holidays	
25-06-2026	Thursday	9:40 to 10:30		
26-06-2026	Friday	8:50 to 9:40	LMS based activity (oxytocin & ergot alkaloids)	Dr. Qurat

29-06-2026	Monday	8:00 to 8:50	Drugs used in APD	Dr. Usman
		8:50 to 9:40	Drugs used in APD	Dr. Usman
30-06-2026	Tuesday	8:50 to 9:40	Anti-amebic drugs	Dr. Ayela
		12:40 to 1:30	Anti-emetics	Dr. Qurat
01-07-2026	Wednesday	12:40 to 1:30	Drugs used for constipation & diarrhea	Dr. Rabia
02-07-2026	Thursday	9:40 to 10:30	Drugs used in Hepatitis B & C	Dr. Waqar Ahmed Siddiqui
03-07-2026	Friday	8:50 to 9:40	Drugs used in Hepatitis B & C	Dr. Waqar Ahmed Siddiqui
06-07-2026	Monday	8:00 to 8:50	SGD: Drugs used in GIT disorders	All faculty
		8:50 to 9:40	SGD: Drugs used in GIT disorders	All faculty
07-07-2026	Tuesday	8:50 to 9:40	Anti-diabetic drugs I	Dr. Waqar Ahmed Siddiqui
		12:40 to 1:30	Anti-diabetic drugs II	Dr. Waqar Ahmed Siddiqui
08-07-2026	Wednesday	12:40 to 1:30	Anti-diabetic drugs III	Dr. Waqar Ahmed Siddiqui
09-07-2026	Thursday	9:40 to 10:30	Anti-thyroid drugs I	Dr. Ayela
10-07-2026	Friday	8:50 to 9:40	Anti-thyroid drugs II	Dr. Ayela
13-07-2026	Monday	8:00 to 8:50	SGD: Anti-diabetic & Anti-thyroid drugs	All faculty
		8:50 to 9:40	SGD: Anti-diabetic & Anti-thyroid drugs	All faculty
14-07-2026	Tuesday	8:50 to 9:40	Drugs used in osteoporosis	Dr. Rabia
		12:40 to 1:30	Adrenal hormones I	Dr. Usman
15-07-2026	Wednesday	12:40 to 1:30	Adrenal hormones II	Dr. Usman
16-07-2026	Thursday	8:50 to 10:30	Female Sex Hormones	Dr. Qurat
17-07-2026	Friday	8:50 to 9:40	Drugs used in contraception & HRT	Dr. Qurat
20-07-2026	Monday	8:00 to 8:50	SGD: Adrenal hormones & Female sex hormones	All faculty
		8:50 to 9:40	SGD: Adrenal hormones & Female sex hormones	All faculty
21-07-2026	Tuesday	8:50 to 9:40	Anti-viral drugs	Dr. Ayela
		12:40 to 1:30	Anti-viral drugs	Dr. Ayela
22-07-2026	Wednesday	12:40 to 1:30	Introduction to cancer chemotherapy	Dr. Usman
23-07-2026	Thursday	9:40 to 10:30	Anti-cancer drugs	Dr. Usman
24-07-2026	Friday	8:50 to 9:40	Anti-cancer drugs	Dr. Usman
27-07-2026	Monday	8:00 to 8:50	Class test: Endo & GIT	All faculty
		8:50 to 9:40	Class test: Endo & GIT	All faculty

28-07-2026	Tuesday	8:50 to 9:40	General principles of Chemotherapy & Classification	Dr. Rabia
		12:40 to 1:30	Cell wall synthesis inhibitors (penicillins)	Dr. Qurat
29-07-2026	Wednesday	12:40 to 1:30	Cell wall synthesis inhibitors (cephalosporins)	Dr. Waqar
30-07-2026	Thursday	9:40 to 10:30	Miscellaneous cell wall synthesis inhibitors	Dr. Waqar
31-07-2026	Friday	8:50 to 9:40	Protein synthesis inhibitors (tetracyclines)	Dr. Rabia
03-08-2026	Monday	8:00 to 8:50	SGD: Cell wall synthesis inhibitors & tetracyclines	All faculty
		8:50 to 9:40	SGD: Cell wall synthesis inhibitors & tetracyclines	All faculty

04-08-2026	Tuesday	8:50 to 9:40	Protein synthesis inhibitors (macrolides)	Dr. Ayela
		12:40 to 1:30	Protein synthesis inhibitors (aminoglycosides)	Dr. Usman
05-08-2026	Wednesday	12:40 to 1:30	Protein synthesis inhibitors (miscellaneous)	Dr. Qurat
06-08-2026	Thursday	9:40 to 10:30	Quinolones	Dr. Usman
07-08-2026	Friday	8:50 to 9:40	Sulfonamides, trimethoprim & co-trimoxazole	Dr. Waqar
10-08-2026	Monday	8:00 to 8:50	Class test: Chemotherapy	
		8:50 to 9:40	Class test: Chemotherapy	All faculty
11-08-2026	Tuesday	8:50 to 9:40	Anti-fungal drugs	Dr. Ayela
		12:40 to 1:30	Anti-fungal drugs	Dr. Ayela
12-08-2026	Wednesday	12:40 to 1:30	Drugs used in dermatological disorders	Dr. Qurat
13-08-2026	Thursday	9:40 to 10:30	Drug-drug interactions	Dr. Rabia
14-08-2026	Friday	8:50 to 9:40	Independence Day	
17-08-2026	Monday	8:00 to 8:50	SGD: Anti-fungal drugs	All faculty
		8:50 to 9:40	SGD: Anti-fungal drugs	All faculty
18-08-2026	Tuesday	8:50 to 9:40	Test discussion: Chemo	Dr. Rabia
		12:40 to 1:30	Test discussion: Endo & GIT	Dr. Qurat
19-08-2026	Wednesday	12:40 to 1:30	Revision	
20-08-2026	Thursday	9:40 to 10:30	Revision	
21-08-2026	Friday	8:50 to 9:40	Revision: Practical	

22nd Aug - 24th Aug 2026	Prep Leaves Pre-Annual Exam
26th Aug - 11th Sep 2026	Pre-Annual/ Send-up Exam (Theory + OSPE)
25 Aug 2026 (Tue)	12th Rabi Ul Awal (Tentative)
26 Aug 2026 (Wed)	Integrated Paper I
28 Aug 2026 (Fri)	Integrated Paper II
01 Sept 2026 (Tue)	Integrated Paper III
03 Sept 2026 (Thu)	Behavioral Sciences
07 Sept 2026 (Mon)	Forensic Medicine
08th Sep - 11th Sep 2026	OSPE/OSCE

14 th Sep – 29 th Sep 2026	12 th Rabi Ul Awal (Tentative)
29 th Sep 2026	Integrated Paper I

LECTURE SCHEDULE OF (GENERAL PATHOLOGY & MICROBIOLOGY)

Block-I (General Pathology & Microbiology)

WEEK No	Date	Time	Topic	Name of Instructor
	FOUNDATION MODULE			
1	24.11.2025 Monday	0940 to 1030	Introduction to Microbiology	Prof. M. Saeed Anwar
	26.11.2025 Wednesday	0850 to 0940	Bacterial structure	Prof. M. Saeed Anwar
	26.11.2025 Wednesday	0940 to 1030	Introduction and causes of cell injury	Dr. Atiya Begum
	27.11.2025 Thursday	1240 to 1330	Bacterial classification	Dr. Kanwal Cheema
	28.11.2025 Friday	1050 to 1140	Reversible & irreversible cell injury-I	Dr. Atiya Begum
	28.11.2025 Friday	1140 to 1230	SGD-CBL	All Faculty
	28.11.2025 Friday	1320 to 1410	Infection control-I	Dr. Kanwal Cheema
2	01.12.2025 Monday	0940 to 1030	Bacterial growth	Prof. M. Saeed Anwar
	03.12.2025 Wednesday	0850 to 0940	Bacterial genetics	Prof. M. Saeed Anwar
	03.12.2025 Wednesday	0940 to 1030	Necrosis	Dr. Atiya Begum
	04.12.2025 Thursday	1240 to 1330	Mechanisms of cell injury-I	Dr. Atiya Begum
	05.12.2025 Friday	1050 to 1140	Apoptosis	Dr. Atiya Begum

	05.12.2025 Friday	1140 to 1230	SGD-CBL	All Faculty
	05.12.2025	1320 to 1410	Infection control-II	Dr Kanwal Cheema

	Friday			
3	08.12.2025 Monday	0940 to 1030	Sterilization & disinfection-I	Prof. M. Saeed Anwar
	10.12.2025 Wednesday	0850 to 0940	Sterilization & disinfection-II	Prof. M. Saeed Anwar
	10.12.2025 Wednesday	0940 to 1030	Mechanisms of cell injury-II	Dr. Atiya Begum
	11.12.2025 Thursday	1240 to 1330	Bacterial pathogenicity mechanisms	Dr Kanwal Cheema
	12.12.2025 Friday	1050 to 1140	Cellular Adaptations	Dr. Atiya Begum
	12.12.2025 Friday	1140 to 1230	SGD-CBL	All Faculty
	12.12.2025 Friday	1320 to 1410	Infection control-III	Dr Kanwal Cheema
4	15.12.2025 Monday	0940 to 1030	Laboratory diagnosis of Infectious diseases	Prof. M. Saeed Anwar
	17.12.2025 Wednesday	0850 to 0940	Normal Flora	Dr Kanwal Cheema
	17.12.2025 Wednesday	0940 to 1030	Intracellular Accumulations & Pathological calcification	Dr. Atiya Begum
	18.12.2025 Thursday	1240 to 1330	Introduction to inflammation, its causes/types	Dr Babar Yasin
	19.12.2025 Friday	1050 to 1140	Types of inflammatory response & Acute inflammation	Dr Babar Yasin
	19.12.2025 Friday	1140 to 1230	SGD-CBL	All Faculty
Winter Break 22nd–26th Dec 2025				

	29.12.2025 Monday	0940 to 1030	Virology- Structure	Prof. M. Saeed Anwar
	31.12.2025	0850 to 0940	Virology- Classification	Dr Kanwal Cheema
5	Wednesday			
	31.12.2025 Wednesday	0940 to 1030	Events of Acute inflammation	Dr Babar Yasin
	01.01.2026 Thursday	1240 to 1330	Chemical Mediators of Inflammation-I	Dr Babar Yasin
	02.01.2026 Friday	1050 to 1140	CLASS TEST	All Faculty
	02.01.2026 Friday	1140 to 1230		
6	05.01.2026 Monday	0940 to 1030	Viral Pathogenesis	Prof. M. Saeed Anwar
	07.01.2026 Wednesday	0850 to 0940	Parasitology- Introduction & Classification	Prof. M. Saeed Anwar
	07.01.2026 Wednesday	0940 to 1030	Chemical Mediators of Inflammation-II	Dr Babar Yasin
	08.01.2026 Thursday	1240 to 1330	Viral Laboratory Diagnosis	Dr Kanwal Cheema
	09.01.2026 Friday	1050 to 1140	Morphological patterns & outcomes of Acute Inflammation	Dr Babar Yasin
	09.01.2026 Friday	1140 to 1230	SGD-CBL	All Faculty
CVS-MODULE				
7	12.01.2026 Monday	0940 to 1030	Mycology- Introduction & Classification	Prof. M. Saeed Anwar
	14.01.2026 Wednesday	0850 to 0940	Staphylococci	Prof. M. Saeed Anwar
	14.01.2026 Wednesday	0940 to 1030	Chronic Inflammation	Dr Babar Yasin

	15.01.2026 Thursday	1240 to 1330	Staphylococcus aureus	Dr Kanwal Cheema
	16.01.2026 Friday	1050 to 1140	Granulomatous Inflammation / Systemic effects of Inflammation	Dr Babar Yasin
	16.01.2026 Friday	1140 to 1230	SGD-CBL	All Faculty
8	19.01.2026 Monday	0940 to 1030	Streptococcus pyogenes	Prof. M. Saeed Anwar
	21.01.2026 Wednesday	0850 to 0940	Other Streptococci	Dr Kanwal Cheema
	21.01.2026 Wednesday	0940 to 1030	Hemostasis & Thrombosis	Brig M Abdul Naeem
	22.01.2026 Thursday	1240 to 1330	Embolism	Brig M Abdul Naeem
	23.01.2026 Friday	1050 to 1140	Healing & Repair-I	Dr Babar Yasin
	23.01.2026 Friday	1140 to 1230	SGD-CBL	All Faculty
9	26.01.2026 Monday	0940 to 1030	BSI & Septicemia	Prof. M. Saeed Anwar
	28.01.2026 Wednesday	0850 to 0940	Infective Endocarditis	Dr Kanwal Cheema
	28.01.2026 Wednesday	0940 to 1030	Edema	Brig M Abdul Naeem
	29.01.2026 Thursday	1240 to 1330	Hyperemia & Congestion	Brig M Abdul Naeem
	30.01.2026 Friday	1050 to 1140	Infarction	Brig M Abdul Naeem
	30.01.2026 Friday	1140 to 1230	Quiz	All Faculty

10	02.02.2026 Monday	0940 to 1030	Enterobacteriaceae	Prof. M. Saeed Anwar
	04.02.2026 Wednesday	0850 to 0940	Escherichia coli	Prof. M. Saeed Anwar
	04.02.2026	0940 to 1030	Healing & Repair-II	Dr Babar Yasin

	Wednesday			
	05.02.2026 Thursday	1240 to 1330	Kashmir Day-Holiday	
	06.02.2026 Friday	1050 to 1140	Disseminated Intravascular coagulation	Brig M Abdul Naeem
	06.02.2026 Friday	1140 to 1230	SGD-CBL	All Faculty

RENAL-MODULE

11	09.02.2026 Monday	0940 to 1030	Treponema pallidum	Prof. M. Saeed Anwar
	11.02.2026 Wednesday	0850 to 0940	Chlamydia trachomatis	Prof. M. Saeed Anwar
	11.02.2026 Wednesday	0940 to 1030	Shock-I	Brig M Abdul Naeem
	12.02.2026 Thursday	1240 to 1330	Infections of the genitourinary tract	Dr Kanwal Cheema
	13.02.2026 Friday	1050 to 1140	Shock-II	Brig M Abdul Naeem
	13.02.2026 Friday	1140 to 1230	SGD-CBL	All Faculty

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12	16.02.2026 Monday	0940 to 1030	Herpes Simplex Virus	Prof. M. Saeed Anwar
	18.02.2026 Wednesday	0850 to 0940	Human Papilloma Virus	Prof. M. Saeed Anwar
	18.02.2026 Wednesday	0940 to 1030	Revision	Prof Afia Sarwar

19.02.2026 Thursday	1240 to 1330	Neisseria gonorrhoeae	Dr Kanwal Cheema
20.02.2026 Friday	1050 to 1140	Revision	Dr Kanwal Cheema
20.02.2026 Friday	1140 to 1230	SGD-CBL	All Faculty

S No	Date/Day	Time	Topic	Facilitator
			Hematology and Immunology Module	
1.	02.03.26 Monday	8:00-8:40	Plasmodium	Prof. M Saeed Anwar
2.	04.03.26 Wednesday	8:40-9:20	Leishmania	Prof. M Saeed Anwar
3.	04.03.26 Wednesday	9:20-10:00	Innate & Adaptive Immunity	Lt Col Hussain
4.	05.03.26 Thursday	11:20-12:00	Role of B & T cells in immunity	Lt Col Hussain
5.	06.03.26 Friday	10:00-10:40	Trypanosoma	Dr Kanwal Cheema
6.	06.03.26 Friday	10:40-11:20	CBL- EOB exam discussion	Dr Kanwal Cheema Dr Atiya Begum
7.	06.03.26 Friday	11:40-13:00	Integrated Session on Malaria	Dr Kanwal Cheema
8.	09.03.26 Monday	9:20-10:00	Toxoplasma	Prof. M. Saeed Anwar
9.	11.03.26 Wednesday	8:40-9:20	Viral hemorrhagic fever	Prof. M. Saeed Anwar
10.	11.03.26 Wednesday	9:20-10:00	Types of immunoglobulins; Ag-Ab interactions	Lt Col Hussain
11.	12.03.26 Thursday	11:20-12:00	Dengue	Dr Kanwal Cheema
12.	13.03.26 Friday	10:00-10:40	Serological diagnosis of diseases	Lt Col Hussain
13.	13.03.26 Friday	10:40-11:20	CBL-Against the invisible enemy: Immunity in viral infections	All Faculty

S No	Date/Day	Time	Topic	Facilitator
36	20.04.26 Monday	9:40-10:30	Legionella/Mycoplasma	Dr Kanwal Cheema
37	22.04.26 Wednesday	8:50-9:40	Influenza virus	Dr Kanwal Cheema
38	22.04.26 Wednesday	9:40-10:30	Mutations-Genetics basis of diseases	Prof Afia Sarwar
39	23.04.26 Thursday	12:40-1:30	Coronavirus	Dr Kanwal Cheema
40	24.04.26 Friday	10:50-11:40	Autosomal dominant /recessive disorders	Prof Afia Sarwar
41	24.04.26 Friday	11:40-12:30	CBL- Coronavirus: One virus, Many faces	All Faculty
42	27.04.26 Monday	9:40-10:30	Mycobacterium tuberculosis	Dr Kanwal Cheema
43	29.04.26 Wednesday	8:50-9:40	Atypical Mycobacteria	Dr Kanwal Cheema
44	29.04.26 Wednesday	9:40-10:30	Amyloidosis	Lt Col Hussain
45	30.04.26 Thursday	12:40-1:30	Class Test- Immunology	All Faculty
46	01.05.26 Friday		Labour Day Holiday	
47	04.05.26 Monday	9:40-10:30	Measles/ Mumps/Rubella	Dr Kanwal Cheema
48	06.05.26 Wednesday	8:50-9:40	Aspergillus/Mucor	Dr Kanwal Cheema
49	06.05.26 Wednesday	9:40-10:30	Single gene disorders- Structural & receptor protein defects	Prof Afia Sarwar
50	07.05.26 Thursday	12:40-1:30	Single gene disorders-Enzyme defects	Prof Afia Sarwar
51	08.05.26 Friday	10:50-11:40	Karyotyping & Chromosomal disorders	Dr Babur Yasin
52	08.05.26 Friday	11:40-12:30	CBL-	All faculty
	08.05.26 Friday	1:20-3:00	Integrated session-Shortness of breath in children	Pathology & Pediatric dept
53	11.05.26 Monday	9:40-10:30	Chromosomal disorders	Dr Babur Yasin
54	13.05.26 Wednesday	8:50-9:40	Systemic Mycoses	Dr Kanwal Cheema
55	13.05.26	9:40-10:30	Molecular genetic diagnosis	Dr Babur Yasin

	Wednesday			
56	14.05.26 Thursday	12:40-1:30	Qiraat & Naat competition	
57	15.05.26 Friday	10:50-11:40	Fragile-X syndrome and genomic imprinting	Dr Babur Yasin
58	15.05.26 Friday	11:40-12:30	Q & A Session	All faculty
59	15.05.26 Friday	1:20-3:00	Integrated Session	Pathology & Pharmacology

Sr. No	Date	Time	Topic	Name of Instructor
1	25-5-2026 Monday		Holiday	
			26 May 2026 To 29 May 2026 (EID HOLIDAYS)	
	Online LMS-based activity from 15th June to 26th June 2026			
2	15-6-2026 Monday	0940–1030	Salmonella	Prof Kanwal Cheema
3	17-6-2026 Wednesday	0850 – 0940	Shigella/Vibrio cholerae	Prof Kanwal Cheema
4	17-6-2026 Wednesday	0940–1030	Pathogenic effects of smoking & radiation	Dr Atiya Begum
5	18-6-2026 Thursday	1240–1330	Campylobacter/Helicobacter	Prof Kanwal Cheema
6	19-6-2026 Friday	1050–1140	Protein Energy Malnutrition	Dr Atiya Begum
7	19-6-2026 Friday	1140–1230	CBL- Gen Pathology	Dr Azal Arshad
8	22-6-2026 Monday	0940–1030	Giardia	Prof Kanwal Cheema
9	24-6-2026 Wednesday	0850 – 0940	Cryptosporidium	Prof Kanwal Cheema
10	24-6-2026 Wednesday	0940–1030	Micronutrient Deficiencies	Dr Atiya Begum
11	25-6-2026 Thursday	1240–1330	Ashura	

12	26-6-2026 Friday	1050–1140	Ashura	
13	26-6-2026 Friday	1140–1230	Ashura	

On-Campus Classes

14	29-6-2026 Monday	0940–1030	Entamoeba histolytica	Prof Kanwal Cheema
15	01-7-2026 Wednesday	0850 – 0940	Ascaris/Ankylostoma	Prof Kanwal Cheema
16	01-7-2026 Wednesday	0940–1030	Neoplasia- Introduction & Nomenclature	Prof Afia Sarwar
17	02-7-2026 Thursday	1240–1330	Trichuris / Enterobius	Prof Kanwal Cheema
18	03-7-2026 Friday	1050–1140	Benign vs malignant tumours	Prof Afia Sarwar
19	03-7-2026 Friday	1140–1230	CBL-Microbiology	Prof Kanwal Cheema

20	06-7-2026 Monday	0940–1030	Cestodes	Prof Kanwal Cheema
21	08-7-2026 Wednesday	0850 – 0940	Tutorial- Microbiology	All Faculty
22	08-7-2026 Wednesday	0940–1030	Characteristics of malignant tumors-I	Dr Atiya Begum
23	09-7-2026 Thursday	1240–1330	Characteristics of malignant tumors-II	Prof Kanwal Cheema
24	10-7-2026 Friday	1050–1140	Epidemiology of cancer	Prof Afia Sarwar
25	10-7-2026 Friday	1140–1230	CBL- Gen Pathology	All Faculty

26	13-7-2026 Monday	0940–1030	Schistosoma	Prof Kanwal Cheema
27	15-7-2026 Wednesday	0850 – 0940	Viral Hepatitis-I	Prof Kanwal Cheema
28	15-7-2026 Wednesday	0940–1030	Hallmarks of cancer	Prof Afia Sarwar

29	16-7-2026 Thursday	1240– 1330	Viral Hepatitis-II	Prof Kanwal Cheema
30	17-7-2026 Friday	1050– 1140	Oncogenes & their role in cancer	Prof Afia Sarwar
31	17-7-2026 Friday	1140– 1230	CBL- Microbiology	All Faculty
32	20-7-2026 Monday	0940– 1030	HIV-I	Prof Kanwal Cheema
33	22-7-2026 Wednesday	0850 – 0940	HIV-II	Prof Kanwal Cheema
34	22-7-2026 Wednesday	0940– 1030	Tumour suppressor genes	Prof Afia Sarwar
35	23-7-26 Thursday	1240– 1330	Infections in immunocompromised patients	Prof Kanwal Cheema
36	24-7-26 Friday	1050– 1140	Chemical carcinogenesis	Prof Afia Sarwar
37	24-7-26 Friday	1140– 1230	CBL- Gen Pathology	All Faculty

LECTURE SCHEDULE OF FORENSIC MEDICINE

VENUE Lecture Hall G First Floor

Sr. No.	Date	Day	Time	Topic	Teacher
1	24-Nov-25	Mon	1240-0130	Introduction to Forensic Medicine & Toxicology	Prof. Javed Iqbal Khokhar
	Topic: Personal Identity & Trace Evidence + Biological Specimens				
2	27-Nov-25	Thu	0800-0850	Parameters of Identification (in living and dead)	Prof. Sadaf Nadir
3	28-Nov-25	Fri	0940-1030	Determination of Age + Medicolegal Importance of Age	Dr. Salman Pervaiz Rana
4	1-Dec-25	Mon	1240-0130	Determination of Sex	Dr. Salman Pervaiz Rana
5	4-Dec-25	Thu	0800-0850	Determination of Stature & Race	Prof. Sadaf Nadir
6	5-Dec-25	Fri	0940-1030	Special Techniques in Identification - I	Dr. Salman Pervaiz Rana
7	8-Dec-25	Mon	1240-0130	Special Techniques in Identification - II	Prof. Sadaf Nadir
				Topic: Thanatology	
8	11-Dec-25	Thu	0800-0850	Trace Evidence	Prof. Sadaf Nadir
9	12-Dec-25	Fri	0940-1030	Definition, Concept, Diagnosis of Death, Norms, Classification & Brain Death	Dr. Salman Pervaiz Rana
10	15-Dec-25	Mon	1240-0130	Medicolegal aspects of sudden and unexpected deaths, Death Certificate, WHO criteria of death Changes in body after death (Immediate + Early)	Prof. Javed Iqbal Khokhar
11	18-Dec-25	Thu	0800-0850	Algor Mortis + Livor Mortis	Prof. Javed Iqbal Khokhar
12	19-Dec-25	Fri	0940-1030	Rigor Mortis	Prof. Sadaf Nadir
13	29-Dec-25	Mon	1240-0130	Putrefaction	Prof. Sadaf Nadir
14	1-Jan-26	Thu	0800-0850	Very Late Changes after Death + Role of detection of postmortem interval	Prof. Sadaf Nadir

15	2-Jan-26	Fri	0940-1030	Artifacts & Embalming + Selection, Preservation + Dispatch of Specimen	Prof. Sadaf Nadir
16	5-Jan-26	Mon	1240-0130	Block-I-2024 Class Test-I(Autopsy + Personal Identity + Thanatology)	All Staff
				Topic: Traumatology	
17	8-Jan-26	Thu	0800-0850	Mechanical Injuries (Definition, Classification, Mechanisim)	Prof. Javed Iqbal Khokhar
18	9-Jan-26	Fri	0940-1030	Factors modifying appearance of wound + Difference between Antimortem & Postmortem Wounds	Dr. Salman Pervaiz Rana
19	12-Jan-26	Mon	1240-0130	Blunt Trauma (Abrasion)	Prof. Sadaf Nadir
20	15-Jan-26	Thu	0800-0850	Blunt Trauma (Contusion)	Dr. Salman Pervaiz Rana
21	16-Jan-26	Fri	0940-1030	Laceration	Prof. Sadaf Nadir
22	19-Jan-26	Mon	1240-0130	Sharp Edge Injuries	Prof. Sadaf Nadir
23	22-Jan-26	Thu	0800-0850	Manner of infliction of injuries (Fabricated wounds, Defence Wounds, Confessional Torture)	Dr. Salman Pervaiz Rana
24	23-Jan-26	Fri	0940-1030	Medicolegal Aspects of Injuries	Prof. Javed Iqbal Khokhar
25	26-Jan-26	Mon	1240-0130	Firearm – I	Prof. Javed Iqbal Khokhar
26	29-Jan-26	Thu	0800-0850	Firearm – II	Prof. Javed Iqbal Khokhar
27	30-Jan-26	Fri	0940-1030	Blast Injuries	Dr. Salman Pervaiz Rana
28	2-Feb-26	Mon	1240-0130	RTA	Dr. Salman Pervaiz Rana

29	6-Feb-26	Fri	0940-1030	Block-I-2024 Class Test-II(GENERAL TRAUMATOLOGY + FIREARM INJURIES)	All Staff
	MBBS YEAR - III BLOCK - VII MODULE - IX DURATION: 02 WEEKS Genitourinary system				
	Topic: Sexual Offences & Reproduction				
30	09-Feb-26	Mon	1240-0130	Sexual Offences + Medicolegal Examination of Victim of Rape & Sodomy + Collection of sample	Prof. Sadaf Nadir
31	12-Feb-26	Thu	0800-0850	Criminal Abortion	Prof. Sadaf Nadir
32	13-Feb-26	Fri	0940-1030	Infanticide	Prof. Sadaf Nadir
33	16-Feb-26	Mon	1240-0130	Impotence + Pregnancy	Prof. Sadaf Nadir
34	19-Feb-26	Thu	0800-0850	Laws Related to Sexual Offences	Prof. Sadaf Nadir
35	20-Feb-26	Fri	0940-1030	Battered Body Syndrom + SIDS + Sexual Perversion	Prof. Sadaf Nadir
				Block-I Exam 2026	

SECOND BLOCK 2026 (BLOCK VIII 10 + 1 WEEKS)

Topic wise Sr No	Academics Classes Block - VIII (04 Weeks) Module-I (Haem & Immunology II) (03 Weeks) 2nd Mar 2026 19th May 2026
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Day	Date	Time	Topic: General Toxicology	Teacher
Mon	2-Mar-26	1240-0130	Introduction to General Toxocology & Classification of Poisons + General & Medicolegal Aspects of Poisons	Dr. Salman Pervaiz Rana
Fri	6-Mar-26	0940-1030	Routes of Administration, Elimination, Metabolism of Poison, Factors Modifying the Effect of Poison + Diagnosis of poisoning in living and dead	Dr. Salman Pervaiz Rana
Mon	9-Mar-26	1240-0130	Duties of RMP & General Management of poisoning	Prof. Sadaf Nadir
Fri	13-Mar-26	0940-1030	Toxidrome + Coma Cocktail, Toxicity Rating Chart + Imp Definitions	Dr. Salman Pervaiz Rana

Block VIII, Module XVI, Neuroscience				
Day	Date	Time	Topic:	Teacher
Topic: Special Toxicology (Specific Poisons)				

Mon	16-Mar-26	1240-0130	Alcohol	Dr. Salman Pervaiz Rana
20th Mar to 22nd Mar 2026 Eid ul Fitar				
23rd Mar 2026 Pakistan Day				
24th Mar to 27th Mar 2026 Spring Vacations				
Academic Classes Block VIII (07 weeks) Module II (Genetics & Neurosciences) (04 weeks) Module III (Respiratory System II) (03 weeks) 30th May to 15th May 2026				
Topic: Forensic Psychiatry, Heat, Cold, Electrical and Environmental Injuries				
Mon	30-Mar-26	1240-0130	Ashphyxiants	Dr. Amna Shahid
Fri	3-Apr-26	0940-1030	Forensic Psychiatry	Dr. Salman Pervaiz Rana
Mon	6-Apr-26	1240-0130	Effect of Heat and Cold	Dr. Salman Pervaiz Rana
Fri	10-Apr-26	0940-1030	Forensic Psychiatry	Dr. Salman Pervaiz Rana
Mon	13-Apr-26	1240-0130	Death due to Electrocutation + Lightening and Starvation	Prof. Sadaf Nadir
Block VIII, Module XVIII, Respiratory system module, duration 3 weeks				
Fri	17-Apr-26	0940-1030	Violent Asphyxial Deaths (Classification & General Aspect)	Dr. Salman Pervaiz Rana

Mon	20-Apr-26	1240-0130	Suffocation & Positional Asphyxia	Prof. Sadaf Nadir
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Topic: Violent Deaths due to Asphyxia

Fri	24-Apr-26	0940-1030	Hanging	Dr. Salman Pervaiz Rana
Mon	27-Apr-26	0940-1030	Strangulation + Mannual Strangulation, Burking, Bansdola	Prof. Sadaf Nadir

Topic: Specific Poisons

Mon	4-May-26	1240-0130	Drowning	Prof. Sadaf Nadir
Fri	8-May-26	0940-1030	Asprin + Paracetamol	Dr. Salman Pervaiz Rana
Mon	11-May-26	1240-0130	Alcohol	Dr. Salman Pervaiz Rana
Fri	15-May-26	0940-1030	Insecticide	Dr. Salman Pervaiz Rana

BLOCK -II EXAMINATION 2026 (19th to 22nd MAY 2026)

Forensic Medicine Block-II Examination 2026 (21st May 2026, Thu)

PROF. DR. SADAF NADIR
HOD Forensic Medicine

THIRD BLOCK 2026 (BLOCK IX 11 WEEKS)

Academics Classes Block - IX (01 Week)
Module-I (Digestive System & Metabolism II) (1/3 wks)
25th to 29th May 2026

Topic wise Sr No Day	Date	Time	Topic: Corrosive-I	Teacher
Mon	25-May-26	1240-0130	Corrosive - I	Dr. Salman Pervaiz Rana

EID UL AZHA (Tentative) 27-29 May 2026

SUMMER VACATIONS 2026 (1st JUNE To 12th JUNE 2026)

ONLINE ACADEMIC CLASSES

Academics Classes Online - (02 Weeks)
Module-I (Digestive System & Metabolism II) (2/3 wks)
15th to 26th June 2026

Mon	15-Jun-26	1240-0130	Corrosive - II (Online)	Prof. Sadaf Nadir
Mon	22-Jun-26	1240-0130	Irritants (Arsenic) (Online)	Prof. Sadaf Nadir
Day	Date	Time	Topic:	Teacher

Ashura (Tentative) 24 - 25 June 2026

Academics Classes Block IX - (08 Weeks)
Module-II [Multisystem I (Neoplasia)] (4 wks)
29th June to 21st August 2026

Topic: Regular Classes - Law

Mon	29-Jun-26	1240-0130	Law - 1 (Types of Courts)	Prof. Sadaf Nadir
Mon	6-Jul-26	1240-0130	Law - 2 + Professional Misconduct + Evidence	Prof. Sadaf Nadir
Mon	13-Jul-26	1240-0130	Legal Aspects of Medicine (Consent & Med Ethics)	Dr. Salman Pervaiz Rana
Mon	20-Jul-26	1240-0130	Professional Secrecty & Privileged Communication	Prof. Sadaf Nadir
Mon	27-Jul-26	1240-0130	Medical Negligency	Prof. Sadaf Nadir
Mon	3-Aug-26	1240-0130	Important Medical Ordinances I & II (Qisas & Diyat)	Dr. Salman Pervaiz Rana
Mon	10-Aug-26	1240-0130	Class Test of Block-III 2026	All Staff
Mon	17-Aug-26	1240-0130	Deliriants	Prof. Sadaf Nadir

Prep Leaves Pre-Annual Exam 22 Aug 2026 to 24 Aug 2026

Pre-Annual Send-up Exam (Theory + OSPE) 26 Aug 2026 to 11 Sep 2026

Pre-Annual Exam (Theory of Forensic Med) 07 Sep 2026 (Mon)

Pre-Annual Exam (OSPE/OSCE) 08 Sep to 11 Sep 2026

Prep Leaves Annual Exam 14 Sep to 29 Sep 2026

Updated on 2nd July 2026

**PROF. DR. SADAF NADIR
HOD FORENSIC MEDICINE**

INTEGRATED SESSIONS SCHEDULES

Anx A**Schedule for Integrated Sessions:**

Sr no.	Date	Timings	Strategy	Topic	Departments
1	9 th Jan 26'	11:40 am - 12:30 pm	Integrated Lecture	Acute Inflammation	Patho + Pharma
2	23 rd Jan 26'	1:20 pm— 3:00 pm	Integrated lecture	Emergency Hypertension	Pharma + Med
3	30 th Jan 26	1:20 pm— 3:00 pm	Integrated lecture	Peripheral Edema	Patho + Med
4	10 th Feb 26'	8:50 am— 10:30 am	Integrated Seminar	Ischemic Heart Disease (Chest pain)	All Depts Pharma+Patho+FM +BS+Med+Surg+Pa eds+Gynae
5	20 th Feb 26	1:20 pm— 3:00 pm	Integrated Lecture	Impact of Sexual Abuse / Rape	Forensic + Behavioral Sciences

S No	Date	Time	Topic	Departments
1.	6 th March 2026	11:40-01:00	Malaria & its prevention	Pathology +Community Medicine
2.	13 th March 2026	11:40-01:00	Heavy metal poisoning	Pharmacology + Forensic Medicine
3.	3 rd April 2026	1:30-3:00	Fever and headache	Pathology + Medicine
4.	10 th April 2026	1:30-3:00	Anesthetics	Pharmacology + Surgery
5.	24 th April 2026	1:30-3:00	Antipsychotics	Pharmacology +Behavioral Sciences
6.	8 th May 2026	1:30-3:00	Shortness of breath in children	Pathology + Pediatrics
7.	15 th may 2026	1:30-3:00	Block Revision + Q/A	Pathology + Pharmacology

LECTURE SCHEDULE OF SURGERY

CMH LAHORE MEDICAL COLLEGE - DEPARTMENT OF SURGERY

LECTURES SCHEDULE 3RD YEAR MBBS - Session 2025-26

VENUE Lecture Hall G First Floor

Sr. No.	Date	Day	Time	Topic	Teacher
1	26-Nov-25	Wed	0800-0850	Introductory Talk and Orientation Session	Brig Dr Adnan Khalid, SI(M), (Retd)
2	3-Dec-25	Wed	0800-0850	History Taking and Physical Examination	Brig Dr Adnan Khalid, SI(M), (Retd)
3	10-Dec-25	Wed	0800-0850	Physiological Response to Trauma & Stress-1	Prof. Amna Shahab
4	17-Dec-25	Wed	0800-0850	Physiological Response to Trauma & Stress-2	Prof. Amna Shahab
5	31-Dec-25	Wed	0800-0850	Classification & Initial Management of Wounds	Prof. Amna Shahab
6	7-Jan-26	Wed	0800-0850	Wound Healing and its Complications	Prof. Amina Shahab

LECTURE SCHEDULE OF MEDICINE

Week	Date	Topic Block VII	Instructional Strategy/ Assessment	Name of Instructor
Module-I (Foundation) 6 weeks				
Block VII				
Week 1	Friday 28-11-25	Introduction to Clinical Medicine (History taking)	Interactive lecture/ MCQ, SAQ	Prof. Rizwana Kitchlew
Week 2	Friday 5-12-25	General physical examination	Interactive lecture/ MCQ, SAQ	Dr. Saba Saif
Winter Break 22nd Dec to 26th Dec 2025				
Block VII Module-II (CVS) 04 Weeks				
Week 1	Friday 16-01-26	Chest Pain (IHD, Angina, ACS)- History and Evaluation and management	Interactive lecture/ MCQ, SAQ	Dr. Hafiz M. Farhan Siddique
Week 2	Friday 23-01-26	DVT - Risk factors and prevention	Interactive lecture/ MCQ, SAQ	Brig. Javed Iqbal (R)
Week 3	Friday 30-01-26	Pulmonary embolism	Interactive lecture/ MCQ, SAQ	Brig. Khalid Azam Khan (R)
Kashmir Day Holiday 05 Feb 2026				

Week	Date	Topic Block VII	Instructional Strategy/ Assessment	Name of Instructor
Week 4	Friday 06-02-26	BLS	Interactive lecture/ MCQ, SAQ	Prof. Rizwana Kitchlew / Dr. Aniqashfaq
BLOCK VII Module-III (Renal) 2 weeks				
Week 1	Friday 13-02-26	Cardiogenic shock- History and evaluation	Interactive lecture/ MCQ, SAQ	Brig. Javed Iqbal (R) / Dr. Wardah Salman
Week 2	Friday 20-02-26	Septic shock Neurogenic- History and Evaluation	Interactive lecture/ MCQ, SAQ	Dr. Saba Saif / Dr. Mehreen Kamran
Block VII Exam 23 Feb to 27 Feb 2026				

LECTURE SCHEDULE OF COMMUNITY MEDICINE

Foundation (6 Weeks)			Tuesday 09:40 to 10:30	
Sr. No	Date	Time	Topic	Instructor Name
Block I				
1	Tuesday, 25 November, 2025	09:40 to 10:30	Foundation of Public Health / Community Medicine	Prof. Dr. Tahseen Haider Kazmi
2	Tuesday, 2 December, 2025	09:40 to 10:30	Concept of Health Diseases	Dr. Tahira
3	Tuesday, 9 December, 2025	09:40 to 10:30	Dynamics of Disease transmission	Dr. Shireen
4	Tuesday, 16 December, 2025	09:40 to 10:30	Levels of Prevention	Dr. Sana Iqbal
Winter Vacations 22 Dec 2025 to 26 Dec 2025				
5	Tuesday, 30 December, 2025	09:40 to 10:30	Primary Health Care	Dr. Sana Iqbal
6	Tuesday, 6 January, 2026	09:40 to 10:30	Health Care System of Pakista	Dr. Sana Iqbal
CVS (4weeks)				
7	Tuesday, 13 January, 2026	09:40 to 10:30	Risk factors & Prevention of NCDs	Dr. Shireen
8	Tuesday, 20 January, 2026	09:40 to 10:30	Obesity , Metabolic Disorder	Dr. Shireen
9	Tuesday, 27 January, 2026	09:40 to 10:30	Chronic Heart Diseases	Dr. Sana Iqbal
10	Tuesday, 3 February, 2026	09:40 to 10:30	Stroke, Rheumatic Heart Diseases	Dr. Sana Iqbal
Renal (2 Weeks)				
Kashmir Day Holiday 05 Feb 2026				
11	Tuesday, 10 February, 2026	09:40 to 10:30	Renal Hypertension	Dr. Sana Iqbal
12	Tuesday, 17 February, 2026	09:40 to 10:30	Diabetes with Renal Complications	Dr. Sana Iqbal
Block I Exam 23rd Feb 2026 to 27th Feb 2026				
Block II				
1	Tuesday, 3 March, 2026	09:40 to 10:30		
2	Tuesday, 10 March, 2026	09:40 to 10:30		
3	Tuesday, 17 March, 2026	09:40 to 10:30		
Eid ul Fitr 19 March 2026 to 22nd March				

2026

Pakistan Day 23rd MARCH 2026

4	Tuesday, 24 March, 2026	09:40 to 10:30		
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Spring Vacations 30 March 2026 to 03 April 2026

5	Tuesday, 7 April, 2026	09:40 to 10:30		
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6	Tuesday, 14 April, 2026	09:40 to 10:30		
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7	Tuesday, 21 April, 2026	09:40 to 10:30		
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8	Tuesday, 28 April, 2026	09:40 to 10:30		
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Labour Day 1 May 2026

9	Tuesday, 5 May, 2026	09:40 to 10:30		
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10	Tuesday, 12 May, 2026	09:40 to 10:30		
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11		09:40 to 10:30		
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Block II Exam 18 May 2026 to 22nd May 2026

Block III

Eid ul Azha (Tentative) 26-27 May 2026

1	Tuesday, 2 June, 2026	09:40 to 10:30		
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Summer Vacations (3 x weeks) 8th June 2026 to 21st June 2026

2	Tuesday, 23 June, 2026	09:40 to 10:30		
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Ashura (Tentative 25-26 June 2026

3	Tuesday, 30 June, 2026	09:40 to 10:30		
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4	Tuesday, 7 July, 2026	09:40 to 10:30		
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5	Tuesday, 14 July, 2026	09:40 to 10:30		
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6	Tuesday, 21 July, 2026	09:40 to 10:30		
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7	Tuesday, 28 July, 2026	09:40 to 10:30		
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8	Tuesday, 4 August, 2026	09:40 to 10:30		
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9	Tuesday, 11 August, 2026	09:40 to 10:30		
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Independence Day 14th August

10	Tuesday, 18 August, 2026	09:40 to 10:30		
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LECTURE SCHEDULE OF LEADERSHIP AND MANAGEMENT

Sr. No.	Date	Timings	Topic	Facilitator
1	28/11/25	1410-1500 hrs	Professionalism in Healthcare: Building Trust, Ethics & Excellence	Dr.Rizwana Kamran
2	05/12/25	1410-1500 hrs	Communication Types in Healthcare+ Clinical Practice	Dr. Shakila Mushtaq
3	12/12/25	0800-0850 hrs	Accountability in Healthcare: A Professional Obligation	Dr. Shakila Mushtaq
4		1410-1500 hrs	Lifelong Learning/ Role of Punctuality in Healthcare Professionalism	Dr.Rizwana Kamran
5	19/12/25	0800-0850 hrs	Self-awareness and Professional Identity in Healthcare	Dr. Shakila Mushtaq
6		1410-1500 hrs	Understanding Resilience & Adaptability in Healthcare Settings	Dr. Amina Ahmad
7	02/01/26	0800-0850 hrs	Resilience Building Techniques: Coping with Stress& Uncertainty	Dr. Amina Ahmad
8		1410-1500 hrs	Implementing reflective writing Practice: Integrating Reflection into daily life	Dr. Rizwana Kamran
9	09/01/26	0800-0850 hrs	Crisis Management: Strategies for remaining calm under pressure	Dr. Amina Ahmad
10		1410-1500 hrs	Peer Feedback & Collaborative Learning: Enhancing Self-Directed Learning through Gap Dynamics	Dr. Rizwana Kamran

LECTURE SCHEDULE OF BEHAVIORIAL SCIENCES

Week	Date	Topic Block VII	Instructional Strategy/ Assessment	Name of Instructor
Module-I (Foundation)				
6 weeks				
Week 1	Tuesday 25-11-2025	Significance of Behavioral Sciences in clinical practice: Differentiate: 1. Holistic Vs. Traditional Allopathic Medicine 2. Culture & Medical Practice	Interactive lecture/ Group discussion FA: MCQs, SAQs, SEQs and OSCE	Dr. Iram Mansoor
	Thursday 27-11-2025	NPIs: Breaking Bad News and its models	Interactive lecture/ Group discussion FA: MCQs, SAQs, SEQs and OSCE	Dr. Ali Ather
Week 2	Tuesday 2-12-25	Non Pharmacological Interventions' (NPIs) Health Care Models and their Clinical Applications; Three models	Interactive lecture/ Group discussion FA: MCQs, SAQs, SEQs and OSCE	Dr. Iram Mansoor
			Interactive lecture/ Group discussion FA: MCQs, SAQs, SEQs and OSCE	Dr. Ali Ather
	Thursday 4-12-25	NPIs: Crisis Intervention/Disaster Management		
Week 4	Tuesday 16-12-25	NPIs: Information Care (IC)	Interactive lecture/ Group discussion FA: MCQs, SAQs, SEQs and OSCE	Dr. Iram Mansoor

Week	Date	Topic Block VII	Instructional Strategy/ Assessment	Name of Instructor
	Thursday 18-12-25	Medical Ethics and Professionalism (Four Ethical Pillars, consent, and confidentiality)	Interactive lecture/Role play/ Case Scenarios/ Small group discussions(SGD) FA: MCQs, SAQs, SEQs and OSCE	Dr. Ali Ather
Winter Break 22 nd Dec to 26 th Dec 2025				
Week 5	Tuesday 30-12-25	NPIs: Handling difficult Patients	Interactive lecture/Role play/ Case Scenarios/ Small group discussions(SGD) FA: MCQs, SAQs, SEQs and OSCE	Dr. Iram Mansoor
	Thursday 1-1-26	Rights and responsibilities of doctors and patients	Interactive lecture/Role play/ Case Scenarios/ Small group discussions(SGD) FA: MCQs, SAQs, SEQs and OSCE	Dr. Ali Ather
Week 6	Tuesday 6-1-26	NPIs: Counselling skills	Interactive lecture/Role play/ Case Scenarios/ Small group discussions(SGD) FA: MCQs, SAQs, SEQs and OSCE	Dr. Iram Mansoor
	Thursday	Understand Psychological Reactions	Interactive lecture/Role play/	Dr. Ali Ather

Week	Date	Topic Block VII	Instructional Strategy/ Assessment	Name of Instructor
	8-1-26	in Doctor-Patient Relationship Understand Professionalism in Health Care	Case Scenarios/ Small group discussions(SGD) FA: MCQs, SAQs, SEQs and OSCE	
BLOCK VII Module-II (CVS) 4 weeks				
Week 1	Tuesday 13-1-26	NPIs: Conflict Resolution & Its models	Interactive lecture/ MCQ, SAQ	Dr. Iram Mansoor
	Thursday 15-1-26	History of Mental Health Acts in Pakistan Recent Psychiatric health laws in Pakistan	Interactive lecture/ MCQ, SAQ	Dr. Ali Ather
Week 2	Tuesday 20-1-26	Describe Neurobiological and Psychological Basis of Behaviour: Learning (Classical conditioning)	Interactive lecture/ MCQ, SAQ	
	Thursday 22-1-26	<u>Explain following cultural and social aspects in medical practice:</u> Sociology and health	Interactive lecture/ MCQ, SAQ	
Week 4	Tuesday 3-2-26	<u>Understand human behaviour through Principles of Psychology:</u> Perception	Interactive lecture/ MCQ, SAQ	Dr. Iram Mansoor
			Interactive lecture/ MCQ, SAQ	Dr. Ali Ather
	Thursday 5-2-26	<u>Explain following cultural and social aspects in medical practice:</u> Anthropology and health Kashmir Day Holiday		

Week	Date	Topic Block VII	Instructional Strategy/ Assessment	Name of Instructor
BLOCK VII Module-III (Renal) 2 weeks				
Week 1	Tuesday 10-2-26	<u>Describe Neurobiological and Psychological Basis of Behaviour:</u> Emotions	Interactive lecture/ MCQ, SAQ	Dr. Iram Mansoor
	Thursday 12-2-26	Demonstration of Breaking Bad News	Role play OSCE	Dr. Ali Ather

LECTURE SCHEDULE OF GYNAE & OBS

Block 1: 13 weeks

Foundation module: 6 weeks

Week 2

Date	Time	Topic	Instructional strategy	Facilitator
4. 12.25	0850 to 0940 hrs	Normal Labor: Female Pelvis and fetal skull anatomy	LGIS, CBL	Dr Qurratulain Mushtaq

Cardiovascular system: 4 weeks

Week 2

Date	Time	Topic	Instructional strategy	Facilitator
22.1.26	0850 to 0940 hrs	Hypertension in pregnancy	LGIS, CBL	Prof Nilofar Mustafa

Renal system: 2 weeks

Date	Time	Topic	Instructional strategy	Facilitator
19.2.26	0850 to 0940 hrs	Obstetric shock (Sepsis, PPH)	LGIS, CBL	Dr Shazia Tufail

Block II : 11 weeks**Hematology and immunology: 3 weeks**

Date	Topic	Instructional strategy	facilitator
4	Iron deficiency Anemia in pregnancy	LGIS, CBL	Prof Nilofar Mustafa

Genetics & Neuroscience: 4 weeks

Date	Topic	Instructional strategy	facilitator
5	Fits in pregnancy: Eclampsia, Epilepsy	LGIS, CBL	Dr Pakeeza Aslam
Respiratory diseases :3 weeks			
6	Asthma in pregnancy	LGIS, CBL	Dr Shazia Tufail
Digestive system and metabolism:			
7	Diabetes in pregnancy	LGIS, CBL	Prof Nilofar Mustafa
Multisystem module- I : Neoplasia			
8	Cervical cancer screening	LGIS, CBL	Dr Pakeeza Aslam
Multisystem module-II : Infectious disease			
9	Vaginal discharges / Lower genital tract infections	LGIS, CBL	Dr Qurratulain Mushtaq

INTERNAL ASSESSMENT(TOS)

Internal Assessment (Theory) – MBBS Year III

Criteria	Percentage	Blocks I / II/ III
Continuous assessment : (Average score of class tests/ quizzes etc)	03 %	Marks obtained* 3 / Total Marks
EOB Exam; For each discipline;	05 %	Marks obtained* 5 / Total Marks
Attendance	02 %	▪ 95 % = 02 ▪ 90- 94 % = 1.5 ▪ 85 - 89 % = 01
Exam : Theory Paper I, II & III	10 %	Marks obtained*10 /Total Marks
Final IA	20%	

Internal Assessment (Practical) – MBBS Year III

Criteria	Percentage	Blocks I / II/ III
Continuous assessment (EOB)	05%	Marks obtained * 5/Total Marks
Attendance	02 %	▪ 95 % = 02 ▪ 90- 94 % = 1.5 ▪ 85 - 89 % = 01
Practical books/Logbooks	01%	Obtained marks * 01 / Total marks
Discipline/Attitude, Responsibility and Teamwork	02 %	Obtained marks* 02 / Total marks
Pre Annual Practicals	10%	Marks obtained* 10 /Total Marks
Final IA	20%	

TABLE OF SPECIFICATION & BLUEPRINT ASSESSMENT

PAPER – I							
Total Marks: = 100 Marks of theory paper = 80 Internal assessment(20%) =20 Pass Marks =50		Paper Components Part-A: 80 x MCQs (1 mark each) Time = 90 min (80 Marks will be rationalized to 56 Marks) Part B: 06 x SAQs (4 marks each) (24 marks) Time = 90 min Total Duration Time =180 min Cognitive level ○ MCQs: Recall: Application Ratio = 25: 75 ○ SAQs: 100% Application					
No.	Modules	Subjects (min 45 % in each subject)					
		PATHOLOGY				PHARMACOLOGY	
		General Pathology		Microbiology			
		(including 2 MCQ of Clinical Subjects)		(including 3 MCQ of Clinical Subjects)		(including 5 MCQ of Clinical Subjects)	
		MCQs	SAQ	MCQs	SAQ	MCQs	SAQ
1	Foundation II	9	1	14	1	25	1 [from gen & 1 from ANS]
2	CVS II	4	-	5		11	1
3	Renal System	5	1	3		4	
Total		18 Marks	2 x 4 = 8 Mks	22 Marks	1 x 4 = 4 Mks	40 Marks	3 x 4 = 12 Mks

* MCQ for Clinical Subjects may be selected from NUMS Clinical Subjects MCQ bank. However, paper setting shall be done by the Basic Science faculty along with medical educationist

PAPER – II							
Total Marks =100 Marks of theory paper=80 Internal assessment 20%=20 Pass Marks =50		Paper Components Part-A: 80 x MCQs (1 mark each) Time = 90 min (80 Marks will be rationalized to 56 Marks) Part B: 06 x SAQs (4 marks each) (24 marks) Time = 90 min Total Duration Time =180 min Cognitive level ○ MCQs: Recall: Application Ratio = 25: 75 ○ SAQs: 100% Application					
No.	Modules	Subjects (min 45 % in each subject)					
		PATHOLOGY				PHARMACOLOGY	
		General Pathology		Microbiology			
		(including 2 MCQ of Clinical Subjects)		(including 3 MCQ of Clinical Subjects)		(including 5 MCQ of Clinical Subjects)	
		MCQs	SAQ	MCQs	SAQ	MCQs	SAQ
1	Hem & Immunology II	6	1	6	1	8	1
2	Genetics & Neurosciences	6		6	1	22	1
3	Respiratory System II	3		13		10	1
Total		15 Marks	1 x 4 = 4 Mks	25 Marks	2 x 4 = 8 Mks	40 Marks	3 x 4 = 12 Mks

* MCQ for Clinical Subjects may be selected from NUMS Clinical Subjects MCQ bank. However, paper setting shall be done by the Basic Science faculty along with medical educationist

PAPER – III							
Total Marks: = 100 Marks Marks of theory paper = 80 Internal assessment (20%)= 20 Pass Marks = 50			Paper Components Part-A: 80 x MCQs (1 mark each)Time = 90 min (80 Marks will be rationalized to 56 Marks) Part B: 06 x SAQs (4 marks each) (24 marks) Time = 90 min Total Duration Time =180 min Cognitive level ○ MCQs: Recall: Application Ratio = 25: 75 ○ SAQs: 100% Application				
No.	Modules	Subjects (min 45 % in each subject)					
		PATHOLOGY				PHARMACOLOGY	
		General Pathology		Microbiology			
		(including 2 MCQ of Clinical Subjects)		(including 3 MCQ of Clinical Subjects)		(including 5 MCQ of Clinical Subjects)	
		MCQs	SAQ	MCQs	SAQ	MCQs	SAQ
1	Digestive System & Metabolism II	3		16	1	22	1
2	Multisystem I (Neoplasia)	7	1	6	1	2	1
3	Multisystem II (Infectious Diseases)	-	-	8		16	1
Total		10 Marks	1 x 4 = 4 Marks	30 Mks	2 x 4 = 8 Mks	40 Marks	3 x 4 = 12 Mks

* MCQ for Clinical Subjects may be selected from NUMS Clinical Subjects MCQ bank. However, paper setting shall be done by the Basic Science faculty along with medical educationist

Paper-I
BLUEPRINT, YEAR III BLOCK VII 2026
GENERAL PATHOLOGY/ MICROBIOLOGY (THEORY)

(I=IMPACT ,F=FREQUENCY)

Module	Topic Area	Learning Outcomes	(I x F)	Value=IXF/T	MCQs Value x No of MCQs			SAQs
					Must Know	Good to Know	Nice to Know	
GENERAL PATHOLOGY TOTAL					18			2
Foundation II	Cell Injury, Death & Adaptations	- Differentiate reversible & irreversible cell injury, morphological features, causes. - Explain necrosis & apoptosis. - Correlate cellular adaptation (hypertrophy, hyperplasia, metaplasia, atrophy) with examples. - Interpret fatty change, intracellular accumulations, clinical examples.	2×2 = 4	0.03	3		1	1
	Inflammation & Repair	- Classify acute vs chronic inflammation - Explain mediators (histamine, prostaglandins, cytokines) - Summarize wound healing stages & complications.	3×3 = 9	0.08	2			
		- Differentiate between types of granulomas - Correlate granulomatous inflammation with clinical presentation	3×3 = 9	0.08	3			
CVS	Hemodynamics	- Distinguish edema, hyperemia, and congestion by evaluating mechanisms and correlating with clinical signs. - Apply Virchow’s triad to predict thrombus formation and its outcomes.	3×3 = 9	0.08	3	-	-	

		- Classify emboli and relate to pulmonary/systemic infarction. - Correlate infarction patterns with vascular supply and tissue vulnerability.										
		Explain lab findings in DVT/pulmonary embolism.	2×1 = 2	0.01	1	-	-					
	Shock	- Differentiate types of shock based on cause and hemodynamic profile. - Describe stages of shock (initial, progressive, irreversible) and their impact on organs.	3×3 = 9	0.08	3	1	-	1				
		Brief notes on MODS (Multiple Organ Dysfunction Syndrome).	1×2 = 2	0.01	1	—						
MICROBIOLOGY TOTAL					22			1				
Foundation II	Basic Morphology & Physiology Normal Flora Sterilization & Disinfection	Correlate basic morphological, physiological, genetic traits with pathogenic mechanisms.	3×3 = 9	0.08	2	-	1	1				
		Match members of normal flora with anatomical locations.	2×2 = 4	0.03	1	-						
		Appraise sterilization/disinfection methods.	3×3 = 9	0.08	3	1						
	Infection Control	Apply safety & infection control measures in lab/clinical settings (incl. HAIs).	2×2 = 4	0.03	1	1						
	Bacteriology (Gram+ Cocci)	Correlate morphology, pathogenesis, lab diagnosis, virulence factors of G+ cocci.	3×3 = 9	0.08	3	-						
	Virology	Differentiate classes of viruses, outline lab diagnosis, paraphrase pathogenesis.	2×2 = 4	0.03	1							
	Parasitology	Classify medically important parasites by site of infection.	2×2 = 4	0.03								
	Mycology	Classify fungi by morphology & human diseases.	2×2 = 4	0.03								
CVS Module	Septicemia & Septic Emboli	Analyze how bloodstream infections contribute to thromboembolic complications by explaining the role of septic emboli pathogens (S. aureus,	2×3 = 6	0.05								

		Streptococcus spp., Candida) in endothelial damage, septic thrombi, and infarctions.			2	-	1	
	Infective Endocarditis	Explain the role of key pathogens causing infective endocarditis (S. viridans, S. aureus, Enterococci): pathogenesis, entry routes, virulence factors, lab diagnosis, prevention.	3×3 = 9	0.08	2	-		
	Renal System	Genitourinary infections	Identify bacterial pathogens causing infections of renal system and relate them clinically	3×3 = 9	0.08	3	-	
GRAND TOTAL					40			3

Paper-II

BLUEPRINT, YEAR III BLOCK VIII 2026

GENERAL PATHOLOGY/ MICROBIOLOGY (THEORY)

(I=IMPACT ,F=FREQUENCY)

Module	Topic Area	Learning Outcomes	(I x F)	Value=IX F/T	Cognitive Level – Application			
					MCQs Value x No of MCQs			SAQs
					Must Know	Good to Know	Nice to Know	
GENERAL PATHOLOGY TOTAL					15			1
Haematology & Immunology	Immunity & Disorders of Blood	Apply knowledge of normal and pathological immune mechanisms—including hypersensitivity, autoimmunity, immunodeficiency, HLA compatibility, and graft rejection—to interpret clinical scenarios and guide safe transplantation practices.	3x3=9	0.14	4	1	1	1
Genetics & Neurosciences	Genetic Disorders	Apply principles of inheritance and the biochemical/molecular basis of Mendelian and multifactorial disorders to interpret diagnostic findings, explain cytogenetic abnormalities, and correlate structural, receptor, and enzyme defects with clinical presentations and management. Correlate common congenital anomalies and syndromic infections with their genetic basis, and apply this understanding to diagnostic interpretation and effective patient counseling. Describe the role of genetic counseling for families with inherited disorders.	3x3=9	0.14	5	1		

Respiratory System	Environmental & Nutritional Diseases	Evaluate harmful effects of smoking, alcohol, radiation on lung pathology. Outline occupational lung diseases (e.g., silicosis, asbestosis) and preventive measures.	2x2=4	0.06	1	2		
MICROBIOLOGY TOTAL					25			2
Haematology & Immunology	Microbiology of Hemoparasites	Correlate the etiology, pathogenesis, and laboratory diagnosis of hemoparasitic infections (e.g., Plasmodia, Leishmania, Toxoplasma, Trypanosomes) and viral hemorrhagic fevers, and relate them to their clinical presentations and management.	3x3=9	0.14	6	-	-	1
Genetics & Neurosciences	CNS Microbiology	Apply knowledge of morphology, virulence, pathogenesis, and lab diagnosis of key CNS pathogens to interpret and manage meningitis, encephalitis, poliomyelitis, rabies, and related CNS infections.	3x3=9	0.14	4	2		1
Respiratory System	Microbiology of RTI	Analyze the modes of transmission, pathogenesis, and lab diagnosis of common respiratory viruses to guide prevention and control strategies. Differentiate key bacterial pathogens of the upper and lower respiratory tract, interpret lab results, and apply this knowledge to guide diagnosis, treatment, and outbreak prevention. Apply diagnostic principles for fungal and mycobacterial respiratory infections to plan evidence-based management, assess drug resistance, and implement infection control.	2x3=6	0.09	1	2	1	
			3x3=9	0.14	3	1	1	
			3x3=9	0.14	3	1		
GRAND TOTAL					40			3

Paper-III

BLUEPRINT, YEAR III BLOCK IX 2026

GENERAL PATHOLOGY/ MICROBIOLOGY (THEORY)

(I=IMPACT ,F=FREQUENCY)

Module	Topic Area	Learning Outcomes	(I x F)	Value=I XF/T	Cognitive Level – Application			
					MCQs Value x No of MCQs			SAQs
					Must Know	Good to Know	Nice to Know	
GENERAL PATHOLOGY TOTAL					10			1
Digestive System & Metabolism	Nutritional Disorders	- Assess the causes and consequences of protein-energy malnutrition (PEM) such as marasmus and kwashiorkor, and correlate biochemical, morphological, and systemic changes to patient presentation and management. - Distinguish between major micronutrient deficiencies (A, D, K, C, B-complex, iron, iodine) by interpreting their biochemical roles and explaining their pathological features and clinical signs.	2x3 = 6	0.09	2	1		

Multisystem I (Neoplasia)	Neoplasia	- Explain core concepts of neoplasia and distinguish benign from malignant tumors using standard nomenclature; analyze their morphological and biological features to interpret diagnostic findings. - Evaluate molecular mechanisms of carcinogenesis, including genetic and environmental factors; interpret biological behavior of tumors (growth, spread) and appraise mechanisms of local invasion and metastasis. - Correlate human tumor viruses (EBV, HPV, HBV/HCV, HTLV) with oncogenesis; justify the use of tumor markers, lab diagnosis, vaccination, and screening for cancer prevention and monitoring.	3×3 = 9	0.14	5	1	1	1
MICROBIOLOGY TOTAL						30		2
Digestive System & Metabolism	Microbiology of GIT Infections	Correlate the morphology, pathogenesis, transmission, lab diagnosis, and prevention of major bacterial enteric pathogens (e.g., Salmonella, Shigella, Vibrio, Helicobacter pylori, Campylobacter) to guide diagnosis and outbreak control of diarrheal Diseases	3×3 = 9	0.14	6			1
		Interpret the clinical significance, lab diagnosis, and prevention of intestinal parasitic and protozoal infections (e.g., Entamoeba histolytica, Giardia, Cryptosporidium) and helminthic infections (nematodes, trematodes, cestodes).	3×3 = 9	0.14	4	1	-	
		Evaluate the virology, transmission, lab markers, and prevention strategies for viral enteric infections, especially Viral Hepatitis (A & E) and Rotavirus Gastroenteritis	3×3 = 9	0.14	4	1		

Multisystem I (Neoplasia)	Neoplasia	Correlate the morphology, pathogenesis, lab diagnosis, prevention strategies, and clinical impact of infections in immunocompromised patients, with emphasis on HIV/AIDS and common opportunistic bacterial pathogens	3×3 = 9	0.14	5	-	1	1
Multisystem II (Infectious Diseases)	Infectious Diseases	Interpret the transmission routes, key diagnostic tests, and clinical relevance of TORCH infections (Toxoplasmosis, Other [syphilis, varicella-zoster], Rubella, Cytomegalovirus, Herpes simplex) and explain their implications for fetal and neonatal Health	2x2 =4	0.06	2	1		
		Analyze the morphology, pathogenesis, lab workup, and prevention of zoonotic and opportunistic pathogens (Brucella, Pasteurella, Yersinia, Rickettsia, Actinomyces, Nocardia); plan diagnostic investigations for PUO with bacterial, fungal, or parasitic causes.	2×2 = 4	0.06	2			
		Differentiate spirochete infections (Leptospira, Borrelia, Treponema); evaluate systemic fungal pathogens (Candidiasis, Histoplasmosis); justify infection control measures for HAIs (MRSA, VRE, Pseudomonas) and interpret antimicrobial resistance mechanisms.	2×2 = 4	0.06	2		1	
GRAND TOTAL					40			3

Paper-I

BLUEPRINT, YEAR III 2026 **PHARMACOLOGY (THEORY)**

(I=IMPACT ,F=FREQUENCY)

MODULE 1. Foundation Module	Impact	Frequency	I x F	Weightage (IxF/ total IF)	TOTAL MCQs	MCQs from this topic	
Discuss the Introduction & Historical Overview, branches and divisions of pharmacology and sources of drugs	1	1	1	0.00877193	40	0.35	0
§-Explain the basic principles of pharmacokinetics – absorption, distribution, metabolism, and excretion and relate them with clinical significance	3	3	9	0.078947368	40	3.15	3
Describe the concepts of pharmacodynamics – drug-receptor interaction, dose-response relationships, therapeutic index.	2	3	6	0.052631579	40	2.10	2
Identify the factors that influence drug action and individual variation in drug response.	1	2	2	0.01754386	40	0.70	1
Outline the principles of rational prescribing [Routes of drug Adminstration]	1	2	2	0.01754386	40	0.70	1
Describe the concept and calculation of volume of distribution and clearance.	2	2	4	0.035087719	40	1.40	1
Justify the clinical use of Non-Steroidal Anti-Inflammatory Drugs (NSAIDs) in inflammation	3	3	9	0.078947368	40	3.15	3
Rationalize selection and application of antiseptics and disinfectants in clinical and laboratory settings with reference to microbiological control and infection prevention.	1	1	1	0.00877193	40	0.35	1
Correlate the physiology and distribution of autonomic receptors with the mechanism of action and therapeutic applications of parasympathomimetic, anticholinesterases	2	2	4	0.035087719	40	1.40	1
Analyze the pharmacology, indications, adverse effects, and management of organophosphate poisoning, including the role of oximes.	2	2	4	0.035087719	40	1.40	1
Describe the therapeutic use of anticholinergic agents	3	3	9	0.078947368	40	3.15	3

Differentiate the pharmacological actions, therapeutic uses, and clinical differences among catecholamines (adrenaline, noradrenaline, dopamine, dobutamine) and non-catecholamine sympathomimetics (e.g., ephedrine, amphetamines, alpha/beta2 agonists).	2	2	4	0.035087719	40	1.40	2
Justify the use of adrenergic blockers (alpha and beta) and central sympatholytics in various clinical scenarios such as hypertension and cardiac conditions.	3	3	9	0.078947368	40	3.15	3
Explain the mechanism and rationale for drug treatment of glaucoma, including the role of autonomic drugs.	3	3	9	0.078947368	40	3.15	3
CARDIOVASCULAR MODULE				0	40	0	
Explain mechanism and use of anticoagulants, antiplatelets, and thrombolytics in thromboembolic disorders.	3	3	9	0.078947368	40	3.15	3
Justify drug selection for ischemic heart disease and hypertension	3	3	9	0.078947368	40	3.15	3
Describe pharmacotherapy for heart failure	2	3	6	0.052631579	40	2.10	2
Describe pharmacotherapy for Arrhythmias	1	2	2	0.01754386	40	0.70	2
Describe pharmacotherapy for hyperlipidaemia	2	2	4	0.035087719	40	1.40	1
RENAL MODULE				0	40	0	
Differentiate diuretics (loop, thiazide, K+ sparing) based on site of action and indications.	3	3	9	0.078947368	40	3.15	3
justify the clinical use of osmotic diuretics and carbonic anhydrase inhibitors	1	2	2	0.01754386	40	0.70	1
Total			114				40

Paper-II

BLUEPRINT, YEAR III (2026)

PHARMACOLOGY (THEORY)

Haematology and immunology Module	Impact	Frequency	I x F	Weightage (IxF/ total IF)	TOTAL MCQs	MCQs from this topic	
• Justify the drug treatment of hematinics for anemia	3	3	9	0.073770492	40	2.95	3
• Justify the drug treatment of malaria	3	3	9	0.073770492	40	2.95	3
• Describe the pharmacotherapy of Gout and Rheumatoid Arthritis	2	2	4	0.032786885	40	1.31	1
• Validate the use of immunostimulants including probiotics, immunosuppressants, vaccines and sera	1	1	1	0.008196721	40	0.32	1
• Discuss heavy metal poisoning and chelating agents	1	1	1	0.008196721	40	0.32	0
Genetic and Neurosciences Module	0	0	0	0	40	0	0
• Apply understanding of central neurotransmitters and their pathways to explain the mechanism of action of centrally acting drugs.	1	1	1	0.008196721	40	0.32	0
• Differentiate classes of antipsychotics and justify their selection based on the type and severity of psychotic disorders.	3	2	6	0.049180328	40	1.96	2
• Select appropriate classes of antidepressants and explain their use based on the neurochemical basis of depression and patient factors.	3	3	9	0.073770492	40	2.95	3
• Differentiate between inhalational and intravenous general anesthetics and justify their selection in surgical procedures based on patient status and procedure type.	2	2	4	0.032786885	40	1.31	1
• Explain the mechanism and clinical application of local anesthetics for different procedures and pain management.	2	3	6	0.049180328	40	1.96	2
• Explain the mechanism and clinical application of opioids in pain management.	2	3	6	0.049180328	40	1.96	2
• Justify the use of dopaminergic and adjunct drugs in Parkinson's disease by correlating with its pathophysiology.	2	2	4	0.032786885	40	1.31	1

Analyze seizure type and patient profile to select appropriate anti-epileptic drugs and explain their mechanisms and monitoring.	3	3	9	0.073770492	40	2.95	3
Rationalize acute and prophylactic drug treatment plans for migraine based on its pathophysiology.	3	3	9	0.073770492	40	2.95	3
Appraise the clinical use of sedative-hypnotic and anxiolytic drugs for insomnia and anxiety disorders considering patient safety.	3	3	9	0.073770492	40	2.95	3
Correlate the effect of substances of abuse (alcohol, opioids, heroin) on body to its plan for aversion therapy.	1	1	1	0.008196721	40	0.32	0
Analyze the effects of alcohol on the CNS and justify treatment plans for alcohol withdrawal and intoxication.	1	1	1	0.008196721	40	0.32	1
Differentiate between centrally acting and peripherally acting muscle relaxants and justify their use in spasticity and muscle spasm conditions.	2	2	4	0.032786885	40	1.31	1
RESPIRATORY MODULE			0	0	40	0	
Develop a management plan for cough and obstructive pulmonary disorders (Asthma, COPD) with justification	3	3	9	0.073770492	40	2.95	3
Design and justify pharmacotherapy of tuberculosis.	3	3	9	0.073770492	40	2.95	3
Validate the use of antihistamines in various allergic disorders	3	3	9	0.073770492	40	2.95	3
Differentiate the indications and mechanisms of action of expectorants and antitussives	1	2	2	0.016393443	40	0.65	1
Total			122				40

Paper-III
BLUEPRINT, YEAR III (2026)
PHARMACOLOGY (THEORY)

MODULE digestive system and metabolism (Endocrine)	Impact	Frequency	I x F	Weightage (IxF/ total IF)	TOTAL MCQs	MCQs from this topic	
• Develop and justify evidence-based pharmacologic management plans for common GI disorders including peptic ulcer disease	3	3	9	0.072580645	40	2.90	3
• Develop and justify evidence-based pharmacologic management plans for vomiting, constipation, diarrhea	2	2	4	0.032258065	40	1.29	2
• Develop and justify evidence-based pharmacologic management plans for hepatitis B, C	2	3	6	0.048387097	40	1.93	2
• Select and justify appropriate anti-amoebic and anti-helminthic therapies	2	3	6	0.048387097	40	1.93	2
• Justify different pharmacological treatment options for all types of diabetes mellitus, including insulin regimens and oral hypoglycemics, based on pathophysiology and patient-specific considerations	3	3	9	0.072580645	40	2.90	3
• Rationalize the selection and monitoring of thyroid and anti-thyroid drugs in hyperthyroidism and hypothyroidism, linking drug choice with thyroid function tests and patient response	2	3	6	0.048387097	40	1.93	2
• Justify the therapeutic uses of drugs for osteoporosis and adrenal hormone disorders, correlating mechanisms with clinical indications and monitoring	3	3	9	0.072580645	40	2.90	3
• Justify the clinical use of gonadal hormones for contraception, hormone replacement, and infertility treatment, based on reproductive physiology and patient factors	2	3	6	0.048387097	40	1.93	2
• Correlate the physiology and distribution of autonomic receptors with the mechanism of action and therapeutic applications of parasympathomimetic, anticholinesterases	2	3	6	0.048387097	40	1.93	2
• Rationalize different pharmacologic approaches to infertility management, including ovulation induction and hormonal support, aligned with underlying pathophysiology	2	2	4	0.032258065	40	1.29	1

MULTI-SYSTEM MODULE (NEOPLASIA)			0	0	40	0	
Classify anticancer drugs according to their mechanism of action and describe their clinical use.	2	2	4	0.032258065	40	1.29	1
Justify the drug treatment of viral infections (Herpes Simplex, Varicella Zoster, Influenza, COVID, Cytomegalovirus, HIV)	2	2	4	0.032258065	40	1.29	1
INFECTIOUS MODULE			0	0	40	0	
Differentiate between the pharmacological classes and clinical uses of Penicillins, Cephalosporins	3	3	9	0.072580645	40	2.90	3
Differentiate between the pharmacological classes and clinical uses of vancomycin, carbapenems, monobactams	3	3	9	0.072580645	40	2.90	3
Differentiate between the pharmacological classes and clinical uses of protein synthesis inhibitors (tetracyclines, macrolide etc)	3	3	9	0.072580645	40	2.90	3
Differentiate between the pharmacological classes and clinical uses of aminoglycosides	2	3	6	0.048387097	40	1.93	2
Differentiate between the pharmacological classes and clinical uses of sulfonamides and quinolones	3	3	9	0.072580645	40	2.90	3
Differentiate between the pharmacological classes and clinical uses antifungals	2	3	6	0.048387097	40	1.93	2
Total			121				40

BLUEPRINT, YEAR III BLOCK VII 2026
FORENSIC MEDICINE & TOXICOLOGY (THEORY)

(I=IMPACT ,F=FREQUENCY)

Topic Area	LEARNING OUTCOMES	(I x F)	Value=IXF /T	MCQs Value x No of MCQs			SAQs
				Must Know	Good to Know	Nice to Know	
INTRODUCTION TO FORENSIC MEDICINE	Describe the role of Forensic Medicine in crime detection, crime investigation, legal proceedings and administration of justice	2x1=2	0.007			1	01
PERSONAL IDENTITY	- Describe the concept and medicolegal significance of both living, Dead and decomposed and mutilated from burnt bodies, skeletal and fragmentary remains by using appropriate parameters of personal identity. - Identify key parameters and methods of identification.	3x3 =9	0.03	1			
	Apply scientific techniques for identification (Forensic odontology, Radiology, anatomy, Osteometry, Dactyloscopy, DNA Analysis/fingerprint, Super imposition etc.).	3x3 =9	0.03	1			
Thanatology &AUTOPSY	Describe death from medical, biological and legal perspectives and	2x2=4	0.01		1		01

	its relevance in certification, legal processes and criminal investigations						
	Identify cause, manner, mode, mechanisms, medicolegal aspects and indicators of death.	2x2=4	0.01		1		
	Correlate between the physical and biochemical changes occurring in various body tissues after death under different environmental conditions and time period to the medico-legal aspects of sudden and unexpected deaths.	3x3-9	0.03	1			
	Define an autopsy and classify its types	2x2=4	0.01		1		
	Apply methods to estimate time since death using postmortem changes and interpret findings in relation to the fatal period.	2x1=2	0.007				
	Differentiate true pathological findings from post-mortem artefacts and outline safety precautions and occupational hazards related to autopsy practice.	3 x 3=9	0.03	1			
	Describe the standard autopsy protocol, including external and internal examination steps,	3x3-9	0.03	1			

	- identify different ammunitions - Explain the components of firearm wound complex with reference to distance of fire						
BLAST INJURIES	Describe the mechanics of blast and interpret injuries resulting from blast	2x2=4	0.01		1		
Sexual Offences /Reproduction	Examination of sexually assaulted victim and medicolegal certification	3x3=9	0.03	1			
	Discuss sexual perversions	1x2=2	0.007				
	Identify infanticide and criminal and non-accidental violence or abuse to a newborn, infant or child.	3x3=9	0.03	1			
	Describe criminal abortion and identify its medicolegal aspects	3x3=9	0.03	1			
Biological Specimens	Define the Locard's exchange principle and appraise the forensic importance of Biological specimens (Blood, Semen, Saliva, Vomitus, Breath, Urine, Hair).	3x2=6	0.02	1			1
	Follow the process of collection, preservation and dispatch biological and non-biological specimens	3x3=9	0.03	1			
General Toxicology		1x1=1	0.003	1			

	- Define toxicology and its various branches - Follow the steps of diagnosis and general management of poisoning - Describe the legal duty of doctor in case of poisoning	3x3=9	0.03	1			
Specific Poisons	Discuss the effects of Neurotic (somniferous, delirians and inebrians) prevailing in our society along with medico-legal aspects	3x3=9	0.03	1			
Forensic Psychiatry	- Distinguish between true and feigned insanity. - Advise on procedure of restraint of the mentally ill in accordance to mental Health Act - List limitations to civil and criminal responsibilities of mentally ill.	2x1=2	0.007			1	
Transportation and Regional Injuries	Differentiate among the various possible etiologies of transportational and regional injuries of Head (Scalp, Skull, Brain) and Face, Vertebral column and its contents, Neck	2x3=6	0.02	1			
Specific Poisons	Discuss the effects of specific poisons (asphyxiants and corrosives) prevailing in our society along with medico-legal aspects	2x2=4	0.01		1		1

Heat, Cold, Electrical injuries	Compare and contrast Heat, Cold, Electrical injuries with emphasis on their medicolegal aspects.	2x3=6	0.02	1			
Asphyxial Deaths	Recognize signs of violent death, mechanical, chemical and environmental asphyxia death and their medico legal implications.	3x3=9	0.03	1			
Specific Poisons	Discuss the effects of specific poisons prevailing in our society along with medico-legal aspects Study of following poisons/drugs: - Salicylates and paracetamol - Poisonous Plants and animals (Datura, Tobacco and Snake) - Inorganic elements, Arsenic, lead, Mercury, Phosphorus, Insecticides, Aluminum Phosphide, Organophosphorus compounds	3x3=9	0.03	1			
Medical Ethics	Apply ethical principles of medicine as physicians/ in their clinical clerkships according to national as well as international code of ethics	2x1=2	0.007		1		1
Law in relation to medical man	Identify the principles of inter professional and patient interaction in clinical practice	2x2=4	0.01				

	Correlate the medical ethics while examining patient to medical negligence and professional misconduct	3x3=9	0.03	1			
	Justify the guarding of professional secrets and privileged communication.	2x2=4	0.01		1		
	Describe evidence and its types and recording of evidence in the court of law	3x3=9	0.03	1			
	Define and classify consent. Discuss the factors that modify the consent	3x3=9	0.03	1			
	Debate on legal and ethical aspect of organ transplantation.	1x1=1	0.003			1	
	Employ the moral and ethical implications of medical procedures (Artificial insemination, Therapeutic abortions, Euthanasia, Biomedical research) in clinical practice	1x1=1	0.003				
	Discuss structure and functions of PM&DC	1x1=1	0.003				
	Describe privileges and obligations of RMP	3x3=9	0.03	1			
	Total	284		25	12	3	7

(PREANNUAL/ANNUAL PROFESSIONAL PRACTICAL EXAM)

Pharmacology

Table of specifications for Pre-Annual/Annual Professional Practical Exam 2026

Practical	= 120
Internal Assessment	= 30
Total marks	= 150
Pass Marks	= 75

Gen Viva Voce		Practical		Gen Viva + Practical	Internal Assessment	Total
Int Examiner	Ext Examiner	OSCE/Practical	Notebook	120	30	150
30	30	55	5			

Station	Practical	Marks
Station No. 1	P drug or prescription writing	05 marks
Station No. 2	Calculations or Biostatistics	05 marks
Station No. 3	To fill up table related to Pharmacodynamic Practical and to answer the short questions	05 marks
Station No. 4	To construct dose response curve on graph paper by using the given data	05 marks
Station No. 5	Dosage forms of drugs	05 marks
Station No. 6,7,8	Observed Stations(Pharmacodynamic Practical's of frogs and rabbits	10 marks each

05 Unobserved stations of 05 marks each = 25 Marks

***Lab work: 03 Practical (Observed) (Pharmacodynamics) of 10 marks each = 30 Marks**

- To study the effects of drugs on frog's heart

- To study the effects of drugs on blood vessels of frog
- To study the effects of drugs on CNS of frog-I (CNS stimulants)
- To study the effects of drugs on CNS of frog-II (CNS depressants)
- To study the effects of drugs on rabbit's eye
- To observe the effects of drugs on rabbit's ileum
- To prepare dose response curve of Ach on intestinal smooth muscle of rabbits.
- To study antagonism between Ach and atropine on rabbit's ileum.

General Pathology/ Microbiology

Table of specifications for Pre-Annual/Annual Professional Practical Exam 2026

Practical	= 120
Internal Assessment	= 30
Total marks	=150
Pass Marks	= 75

Gen Viva Voce		Practical			Internal Assessment	Total
Int Examiner	Ext Examiner	*OSPE	Practical Performance	Notebook	30	150
30	30	36	20	04		

*Marks Distribution (OSPE/Practical):

Unobserved stations (OSPE): 3 x 12 Stations= 36 marks from list below:

General Pathology		Microbiology
1. Identify following on slides	k. Squamous cell Carcinoma	1. Identify different types of blood culture bottles
a. Hyperplasia and Atrophy	l. Hyperaemia/Congestion	2. Demonstrate understanding of blood culture collection technique
b. Metaplasia and Hydropic change	m. Coronary thrombus	3. Identification of different bacteria
c. Fatty Change	n. Atherosclerosis	4. Interpret Culture and Sensitivity of selected bacteria
d. Intracellular accumulations (Melanin, Hemosiderin)	o. Myocardial Infarction	5. Identification of fungi and yeast
e. Coagulative necrosis and caseous necrosis	p. Calcification	6. Interpret ELISA report for HIV B & C
f. Acute inflammation	q. Malarial parasites	
g. Chronic inflammation	r. LD bodies	
	s. Granuloma	
	t. Lipoma	

h. Lipoma	u. Leiomyoma	
i. Leiomyoma	v. Basal cell carcinoma	
j. Basal cell carcinoma	w. Squamous cell Carcinoma	
	2. Interpret report of lipid profile	

Practical/ Performance: 5 x 4 Practical = 20 marks (Select from the list given below)

S. No	Practical Topic	S. No	Practical Topic
1.	Gram Stain	7.	Urine R.E
2.	ZN Stain	8.	Biochemical/ Sugar set
3.	Catalase Test	9.	Stool R/E/ Ova / Cyst
4.	Coagulase test	10.	Pregnancy Test
5.	Oxidase Test	11.	Focusing of microscope at low high and oil immersion for identification of tissue
6.	Motility Test		

Forensic Medicine

Table of specifications for Pre-Annual/Annual Professional Practical Exam 2026

Practical = 80

Internal Assessment = 20

Pass Marks = 50

Gen Viva Voce		Lab Work		Internal Assessment	Total
Internal Examiner	Ext Examiner	Practical/OSCE	Practical Notebook and Forensic Daybook marks 5+5	20	100
20	20	30			

