

Ref No: CIR/2023/EXAM/0016

Date: 23/05/2023

To,
Phase II MBBS Students,
CDSIMER DSU

Circular- First Internal Assessment for Phase II MBBS Academic year 2022-23


The timetable for the **First Internal assessment (Theory & Practical)** for Phase II MBBS Students is as given below.

THEORY		
DATE & DAY	TIME	SUBJECT
26-06-2023, Monday	10 AM to 1 PM	PHARMACOLOGY
27-06-2023, Tuesday	10 AM to 1 PM	PATHOLOGY
28-06-2023, Wednesday	10 AM to 1 PM	MICROBIOLOGY

PRACTICAL				
DATE	TIME	SUBJECT		
29-06-2023	9 AM to 4 PM	A BATCH	B BATCH	C BATCH
Thursday		PHARMACOLOGY	PATHOLOGY	MICROBIOLOGY
30-06-2023	9 AM to 4 PM	B BATCH	C BATCH	A BATCH
Friday		PHARMACOLOGY	PATHOLOGY	MICROBIOLOGY
01-07-2023	9 AM to 4 PM	C BATCH	A BATCH	B BATCH
Saturday		PHARMACOLOGY	PATHOLOGY	MICROBIOLOGY

Batches for Practical Exams are as follows:

USN	Batch	No. of Students
HSC21MB0001 - HSC21MB0050	A	48
HSC20MB0111		
HSC21MB0051 - HSC21MB0100	B	48
HSC20MB0139		
HSC21MB0101 - HSC21MB0150	C	49


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Portions for First Internal Assessment

Pharmacology:

➤ Theory:

- General Pharmacology complete
- Autonomic nervous system complete
- Skeletal muscle relaxants complete

➤ Practical:

- All the portions covered till 15th June (till complete general pharmacology and all the experiments done including ANS related Computer aided learning (CAL experiments)).

Pathology:

➤ Theory:

- General Pathology all chapters and Hematology- classification of anemias, Nutritional deficiency anemia - Iron deficiency anemia, Megaloblastic anemia.
- Introduction to pathology
- Role of pathologist in diagnosis & management of disease.
- Describe and discuss cellular adaptations , atrophy, hypertrophy, hyperplasia, dysplasia and metaplasia.
- Describe and discuss pathologic calcification.
- Enumerate and describe mediators of acute inflammation.
- Define and describe process of repair and regeneration, including wound healing and types.
- Describe effects of tumor on host including paraneoplastic syndrome.
- Describe immunology and response to cancer.
- Describe mechanism of hypersensitivity reactions.
- Describe pathogenesis and pathology of common bacterial , viral, protozoal and helminthic diseases.
- Enumerate and describe pathogenesis of disorders caused by air pollution, tobacco and alcohol.
- Describe pathogenesis of disorders caused by porotein calorie malnutrition and starvation.
- Describe pathogenesis of obesity and its consequences.

- Enumerate and describe causes of leucocytosis, leucopenia, lymphocytosis and leukemoid reactions.
- Describe pathogenesis, features, haematologic indices and peripheral blood picture of sickle cell anemia and G6PD.

➤ **Practical:**

- Introduction to pathology.
- Introduction to haematology
- Demonstration of haemoglobin estimation, ESR and PCV.
- Red cell indices
- Urine examination (physical , chemical)
- Urine microscopy
- Blood grouping
- Introduction to histopathology.
- Intracellular accumulation of fats, proteins, carbohydrates, pigments.
- Irreversible cell injury – Cell death
- Describe and discuss pathologic calcifications
- Acute Inflammation, repair & chronic Inflammation
- Hemodynamic disorders
- Infections
- Define and describe ischaemia / infarction its type's etiology morphologic changes and clinical effects.

Microbiology:

➤ **Theory:**

- General Bacteriology ---- History, Microscopes, bioterrorism, biofilm, antibiotic resistance morphology of bacteria, bacterial genetics, overview of virology, Overview of parasitic infection, Sterilisation & disinfection, Overview of mycology and topics covered till 25/6/2023 or A day before IA
- Immunology ---- Immunity, Complement system, Antibody, Components of immune system, Antigen - antibody reactions, Immune response, Hypersensitivity, auto immunity, immunodeficiency disorder, transplant and cancer immunology and topics covered till 25/6/2023 or A day before IA

➤ **Practical:**

- Spotters- Block 1, Gram stain, ZN stain, OSPE - Hand hygiene, Glove --donning and doffing, PPE and topics covered till 25/6/2023 or A day before IA