

**Jinnah Medical & Dental College**  
**MBBS I - Batch 28 – 2025**  
**HEMATOPOIETIC MODULE – WEEK 1**

Lecture Venue: LH001 (Building B)

|               |                                                                                                                                                                                       |  |                                                                                        |  |                                                                                                                                                                                                                               |                                                                                                                                                                                        |  |                                                                              |           |                                                                                                                                                                               |                                                                                                                                                                                                               |  |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 9:00-9:50     |                                                                                                                                                                                       |  | 9:55-10:45                                                                             |  |                                                                                                                                                                                                                               | 11:15-12:45                                                                                                                                                                            |  |                                                                              | 1:30-3:00 |                                                                                                                                                                               |                                                                                                                                                                                                               |  |
| MON<br>Aug 4  | PHYSIOLOGY<br>Blood Composition<br>Dr. Faiza                                                                                                                                          |  | BIOCHEMISTRY<br>Hemoglobin Types & Structure<br>Ms. Sabeela                            |  | PHYSIOLOGY<br>Erythropoiesis<br>Dr. Sara                                                                                                                                                                                      |                                                                                                                                                                                        |  | MEDICAL EDUCATION<br>Locomotor Module Exam Review<br>Dr. Nadia               |           | 1:30-2:20<br>LH001 - ISLAMIAT – Mr. Zahid Ali<br>LH002 - ETHICS (Non-Muslims) – Dr. Atif                                                                                      |                                                                                                                                                                                                               |  |
| TUES<br>Aug 5 | 9:00-9:50<br>BIOCHEMISTRY<br>Oxygen<br>Dissociation Curve<br>Dr. Shahid                                                                                                               |  | 9:55-10:45<br>PHYSIOLOGY<br>Hemoglobin & Iron Metabolism<br>Dr. Sara                   |  | 11:15-12:05<br>BIOCHEMISTRY<br>Iron Metabolism<br>Dr. Shaista                                                                                                                                                                 |                                                                                                                                                                                        |  | 12:10-1:00<br>PHYSIOLOGY<br>Anemia Classification & RBC Indices<br>Dr. Faiza |           | PHYSIOLOGY PRACTICAL<br>Peripheral Blood Film Preparation<br>ABC-PHYSIO LAB<br>BIOCHEMISTRY PRACTICAL<br>Flame Photometry & Specimen Collection-Dr. Muzna<br>DEF-BIOCHEM LAB  |                                                                                                                                                                                                               |  |
| WED<br>Aug 6  | 9:00-9:50<br>BIOCHEMISTRY<br>Hemoglobin Synthesis & Degradation Abnormalities<br>Dr. Shahid                                                                                           |  | 9:55-10:45<br>PHYSIOLOGY<br>Hemolytic, Megaloblastic & Deficiency Anemias<br>Dr. Faiza |  | 11:15-12:05<br>BIOCHEMISTRY<br>Hemoglobinopathies<br>Dr. Rubina                                                                                                                                                               |                                                                                                                                                                                        |  | 12:10-1:00<br>PHYSIOLOGY<br>Polycythemia<br>Dr. Sara                         |           | PHYSIOLOGY PRACTICAL<br>Peripheral Blood Film Preparation<br>DEF-PHYSIO LAB<br>BIOCHEMISTRY PRACTICAL<br>Flame Photometry & Specimen Collection-Dr. Sakina<br>ABC-BIOCHEM LAB |                                                                                                                                                                                                               |  |
| THUR<br>Aug 7 | 9:00-10:30<br>ABC-Professional Communication-LH001<br>Ms. Aisha Adil<br>D:TR1-Biochemistry Tutorial 1<br>E: Skills Lab-PPE, Gloving & Sharps-Surgery<br>F:TR2-Biochemistry Tutorial 1 |  |                                                                                        |  |                                                                                                                                                                                                                               | 11:15-12:45<br>DEF-Professional Communication-LH001<br>Ms. Aisha Adil<br>A:TR1-Biochemistry Tutorial 1<br>B: Skills Lab-PPE, Gloving & Sharps-Surgery<br>C:TR2-Biochemistry Tutorial 1 |  |                                                                              |           |                                                                                                                                                                               | BIOCHEMISTRY PRACTICAL<br>Spectrometry & Plasma Protein Estimation-Dr. Hashma<br>ABC-BIOCHEM LAB<br>D:TR1-Physiology Tutorial 1<br>E:TR2-Physiology Tutorial 1<br>F: Skills Lab-PPE, Gloving & Sharps-Surgery |  |
| FRI<br>Aug 8  | 9:00-9:50<br>PHYSIOLOGY<br>Blood Groups ABO System<br>Dr. Faiza                                                                                                                       |  | 9:55-10:45<br>ANATOMY<br>Lymphoid Tissue & Immune System<br>Dr. Nadia                  |  | 11:15-12:45<br>BIOCHEMISTRY PRACTICAL<br>Spectrometry & Plasma Protein Estimation<br>DEF-BIOCHEM LAB -Dr. Sakina<br>A:TR1-Physiology Tutorial 1<br>B:TR2-Physiology Tutorial 1<br>C: Skills Lab-PPE, Gloving & Sharps-Surgery |                                                                                                                                                                                        |  |                                                                              |           | 2:00-3:00<br>PHYSICAL TRAINING<br>LH001                                                                                                                                       |                                                                                                                                                                                                               |  |

SELF STUDY / EXTRA CURRICULAR ACTIVITIES

**Jinnah Medical & Dental College**  
**MBBS I - Batch 28 – 2025**  
**HEMATOPOIETIC MODULE – WEEK 2**

Lecture Venue: LH001 (Building B)

|                                          |                                                                              |                                                                                    |           |                                                                                                                                                                                                         |                                                                     |             |                                                                                                                                                                                          |
|------------------------------------------|------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                          | 9:00-9:50                                                                    | 9:55-10:45                                                                         |           |                                                                                                                                                                                                         |                                                                     |             | 1:30-3:00                                                                                                                                                                                |
| MON<br>Aug 11                            | 9:00-9:50<br>PHYSIOLOGY<br>Blood Groups Rh System<br>Dr. Faiza               | 9:55-10:45<br>PHYSIOLOGY<br>Homeostasis & Thrombocytes<br>Dr. Sara                 | TEA BREAK | 11:15-12:45<br>PHYSIOLOGY PRACTICAL<br>Blood Grouping & Cross Matching<br>DEF-PHYSIO LAB<br>A: Skills Lab-PPE, Gloving & Sharps-Surgery<br>B:TR1-Biochemistry Tutorial 1<br>C:TR2-Physiology Tutorial 1 |                                                                     | LUNCH BREAK | BEHAVIORAL SCIENCES TEST<br>Locomotor Module                                                                                                                                             |
| TUES<br>Aug 12                           | 9:00-9:50<br>PHYSIOLOGY<br>Clotting Cascade & Bleeding Disorders<br>Dr. Sara | 9:55-10:45<br>ANATOMY<br>Lymph Node Structure & Histology<br>Dr. Sahrish           |           | 11:15-12:05<br>PHYSIOLOGY<br>Hemorrhagic & Thromboembolic Conditions<br>Dr. Sara                                                                                                                        | 12:10-1:00<br>BIOCHEMISTRY<br>Vitamin B12 Folic Acid<br>Dr. Shaista |             | PHYSIOLOGY PRACTICAL<br>Blood Grouping & Cross Matching<br>ABC-PHYSIO LAB<br>D: Skills Lab-PPE, Gloving & Sharps-Surgery<br>E:TR1-Biochemistry Tutorial 1<br>F:TR2-Physiology Tutorial 1 |
| WED<br>Aug 13                            | 9:00-9:50<br>ANATOMY<br>Thymus Structure & Histology<br>Dr. Baqir            | 9:55-10:45<br>PHYSIOLOGY<br>Genesis & General Characteristics of WBCs<br>Dr. Faiza |           | 11:15-12:05<br>BIOCHEMISTRY<br>Vitamins E & K<br>Dr. Shahid                                                                                                                                             | 12:10-1:00<br>PHYSIOLOGY<br>Reticuloendothelial System<br>Dr. Alina |             | PBL 1.1<br>A:TR1 D; TR4<br>B:TR2 E: TR5<br>C:AM1 F: AM2                                                                                                                                  |
| THUR<br>Aug 14                           | INDEPENDENCE DAY                                                             |                                                                                    |           | INDEPENDENCE DAY                                                                                                                                                                                        |                                                                     |             | INDEPENDENCE DAY                                                                                                                                                                         |
| FRI<br>Aug 15                            | 9:00-10:30<br>PBL 1.2<br>A:TR1 D; TR4<br>B:TR2 E: TR5<br>C:TR3 F: AM         |                                                                                    |           | 10:35-11:05<br>PBL 1.3<br>POST PBL Session<br>LH001<br>Dr. Alina                                                                                                                                        | 11:15-12:05<br>PHYSIOLOGY<br>Immunity: Types & Innate<br>Dr. Alina  |             | 12:10-1:00<br>ANATOMY<br>Tonsils Structure & Histology<br>Dr. Asma                                                                                                                       |
| SELF STUDY / EXTRA CURRICULAR ACTIVITIES |                                                                              |                                                                                    |           |                                                                                                                                                                                                         |                                                                     |             |                                                                                                                                                                                          |

LUNCH BREAK  
SELF STUDY / EXTRA CURRICULAR ACTIVITIES

**Jinnah Medical & Dental College**  
**MBBS I - Batch 28 – 2025**  
**HEMATOPOIETIC MODULE – WEEK 3**

**Lecture Venue: LH101**

|                                                                         | 9:00-9:50                                                                                                                                                                      | 9:55-10:45                                                              |           | 11:15-12:05                                                                                                                                                                          | 12:10-1:00                                                    | 12:30-1:00  | 1:00-1:45                     | 1:30-3:00                                                                                                                                                                           |                                         |
|-------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|-------------|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| MON<br>Aug 18                                                           | PHYSIOLOGY<br>Cell Mediated Immunity<br>Dr. Alina                                                                                                                              | BIOCHEMISTRY<br>Plasma Proteins<br>Dr. Shahid                           | TEA BREAK | ANATOMY PRACTICAL<br>Lymphatic Organs: Lymph Nodes & Thymus<br>ABC-HISTO LAB-Dr. Saoud<br>D:TR1-Physiology Tutorial 2<br>E:TR2-Physiology Tutorial 2<br>F: TR4-Physiology Tutorial 2 |                                                               | LUNCH BREAK | SELF STUDY / EXTRA CURRICULAR | ANATOMY PRACTICAL<br>Lymphatic Organs: Lymph Nodes & Thymus<br>DEF-HISTO LAB-Dr. Saoud<br>A:TR1-Physiology Tutorial 2<br>B:TR2-Physiology Tutorial 2<br>C:TR4-Physiology Tutorial 2 |                                         |
| TUES<br>Aug 19                                                          | PHYSIOLOGY PRACTICAL<br>Bleeding & Clotting Time<br>ABC-PHYSIO LAB<br>BIOCHEMISTRY PRACTICAL<br>Electrophoresis & ELISA<br>DEF-BIOCHEM LAB-Dr. Muzna                           |                                                                         |           | PHYSIOLOGY<br>Humoral Immunity<br>Dr. Alina                                                                                                                                          | BIOCHEMISTRY<br>Immunoglobulins<br>Dr. Shahid                 |             |                               | PHYSIOLOGY PRACTICAL<br>Bleeding & Clotting Time<br>DEF-PHYSIO LAB LAB<br>BIOCHEMISTRY PRACTICAL<br>Electrophoresis & ELISA<br>ABC-BIOCHEM LAB – Dr. Hashma                         |                                         |
| WED<br>Aug 20                                                           | PHYSIOLOGY PRACTICAL<br>DLC (Differential Leucocyte Count)<br>ABC-PHYSIO LAB<br>D: TR1-Physiology Tutorial 3<br>E:TR2-Biochemistry Tutorial 2<br>F:TR4-Biochemistry Tutorial 2 |                                                                         |           | PHYSIOLOGY<br>Passive Immunity & Immunization<br>Dr. Alina                                                                                                                           | ANATOMY<br>Spleen: Gross & Microscopic Structure<br>Dr. Baqir |             |                               | PHYSIOLOGY PRACTICAL<br>DLC (Differential Leucocyte Count)<br>DEF-PHYSIO LAB<br>A:TR1-Physiology Tutorial 3<br>B: TR2-Biochemistry Tutorial 2<br>C:TR4-Biochemistry Tutorial 2      |                                         |
| THUR<br>Aug 21                                                          | 9:00-10:30<br>ABC-Professional Communication-LH001<br>Ms. Aisha Adil<br>A: TR1-Biochemistry Tutorial 2<br>B:TR2-Physiology Tutorial 3<br>C:TR4-Physiology Tutorial 3           |                                                                         |           | 11:15-12:45<br>DEF-Professional Communication-LH001<br>Ms. Aisha Adil<br>D:TR1-Biochemistry Tutorial 2<br>E: TR2-Physiology Tutorial 3<br>F:TR4-Physiology Tutorial 3                |                                                               |             |                               | ANATOMY PRACTICAL<br>Lymphatic Organs: Spleen & Tonsils<br>DEF-HISTO LAB-Dr. Khizar<br>PHYSIOLOGY PRACTICAL<br>ESR-Erythrocyte Sedimentation Rate<br>ABC-PHYSIO LAB                 |                                         |
| FRI<br>Aug 22                                                           | PHYSIOLOGY<br>Allergy & Hypersensitivity<br>Dr. Alina                                                                                                                          | ANATOMY<br>Lymphoid Organs Hemopoiesis & Clinical Anatomy<br>Dr. Meesam |           | ANATOMY PRACTICAL<br>Lymphatic Organs: Spleen & Tonsils<br>ABC-HISTO LAB-Dr. Khizar<br>PHYSIOLOGY PRACTICAL<br>ESR-Erythrocyte Sedimentation Rate<br>DEF-PHYSIO LAB                  |                                                               |             |                               | PRAYER                                                                                                                                                                              | 2:00-3:00<br>PHYSICAL TRAINING<br>LH001 |
| HEMATOPOIETIC MODULE TEST<br>Monday, August 25-Tuesday, August 26, 2025 |                                                                                                                                                                                |                                                                         |           |                                                                                                                                                                                      |                                                               |             |                               |                                                                                                                                                                                     |                                         |