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**CBME based Curriculum student's Teaching Schedule for the month of December**
**(MBBS 1ST PROFESSIONAL SESSION 2022-2023)**

| DAY/ TIME | 9-10 AM | 10-11 AM | 11AM –1 PM | 1-2 PM | 2-3PM | 3-4 PM | 4-5 PM |
|---|---|---|---|---|---|---|---|
| **12/12/22 Monday** | **Anatomy (Lecture)** Introduction and history of anatomy (AN1.1) | **PY 1.1: Structure and functions of a mammalian cell (Lecture)** | **Anatomy ( Small Group Discussion)** Introduction to histology and parts of microscope | | **CM1.1:Define and describe the concept of public health** | **Anatomy Lecture** Anatomical terminology-I (AN1.1) | **PY1.1: Cell division & phases of cell cycle ( Tutorial)** |
| **13/12/22 Tuesday** | **PY 2.1: Composition and function of blood ( Lecture)** | **Anatomy (Lecture)** Anatomical terminology-II (AN1.1) | **Anatomy ( SGD)** Anatomical terminology (AN1.1) | | **PY 2: Introduction to Microscope & experiments on blood(Batch-A)** | | Cell ( BI 1.1) **(Lecture)** |
| | | | | | Describe commonly used laboratory apparatus & equipments, good safe laboratory practice & waste disposal. BI 11.1 **Batch B** | | |
| **14/12/22 Wednesday** | pH & derivation of Henderson Hasselbalch equation ( BI 6.7) | **Anatomy (Lecture)** Epithelium-I (AN65.1) | **Anatomy ( SGD)** Anatomical terminology (AN1.1) | | **PY 2: Introduction to Microscope & experiments on blood(Batch-B)** | | **Anatomy (Tutorial)** Anatomical terminology (AN1.1) |
| | | | | | Describe commonly used laboratory apparatus & equipments, good safe laboratory practice & waste disposal. BI 11.1 **Batch A** | | |
| **15/12/22 Thursday** | Chemistry of amino acids ( BI 5.1) | **Anatomy (Lecture)** General features of skin | **PY 1.2: Principle of Homeo** / **PY2.2: Plasma proteins** | | **Batch A- Histology Practical:** Epithelium-I (AN65.1) **Batch B- Anatomy (SGD):** General features of skin & fascia (AN4.1-4.4) | | **PY1.2: Applied aspects of homeostasis (Tutorial)** |

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| | | & fascia (AN4.1-4.5) | stasis(Lecture) | origin forms &functions (Lecture)HI | | | |
| **16/12/22 Friday** | **PY 1.3: Intercellular communication (Lecture)** | **Anatomy (Lecture)** Introduction to embryology & Menstrual cycle (AN76.1,76.2,77.1,77.2) | Chemistry of amino acids ( BI 5.1)<br>Chemistry of carbohydrate (BI 3.1 ) | | | **Batch B- Histology Practical:** Epithelium-I (AN65.1) **Batch A- Anatomy (SGD):** General features of skin & fascia (AN4.1-4.4) | Tutorial Cell, Henderson Hasselbalch equation & Chemistry of amino acids (BI 3.1 & 5.2 ) |
| **17/12/22 Saturday** | **Anatomy (Lecture)** General features of muscles (AN3.1-3.3) | Chemistry of carbohydrate (BI 3.1 ) | **AETCOM Module 1.4: The Foundations of Communications-1 Department of Community Medicine** | | | **PY 2.3: Structure and function of Hemoglobin ( Lecture)** | **SPORT** |

| **DAY/ TIME** | **9-10 AM** | **10-11 AM** | **11AM –1 PM** | **1-2 PM** | **2-3PM** | **3-4 PM** | **4-5 PM** |
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| **19/12/22 Monday** | **Anatomy (Lecture)** General features of Bones & Cartilages-I (AN1.2, AN2.1-2.4) | **PY 1.4: Apoptosis programmed cell death(Lecture) VI** | **Anatomy ( SGD)** General features of muscles (AN3.1-3.3) | **LUNCH** | **CM1.2-1.2.5:Define health and its dimensions and determinants. (Lecture)** | **Anatomy (Lecture)** General features of Bones & Cartilages-II (AN1.2, AN2.1-2.4) | **PY 2.3: Forms & variations of Hemoglobin (Tutorial)** |
| **20/12/22 Tuesday** | **PY 2.3:** | **Anatomy (Lecture)** | **Anatomy ( SGD)** General features of bone | | **PY 2.11: Preparation of peripheral blood smear (Batch-A)DOAP** | | Chemistry of |

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| | **Breakdown products of hemoglobin ( Lecture) HI** | Joints (AN2.5,AN2.6) | (AN2.1-2.3) | | Outline the basic principles involved in the functioning of instruments commonly used in a biochemistry laboratory and their applications. BI 11.19 **Batch B** | amino acids ( BI 5.1) |
| **21/12/22 Wednesday** | Chemistry of carbohydrate (BI 3.1 ) | **Anatomy (Lecture)** Epithelium-II (AN65.1,65.2) | **Anatomy ( SGD)** Joints (AN2.5,AN2.6) | | **PY 2.11: Preparation of peripheral blood smear (Batch-B)DOAP** **Biochemistry Practical Batch A** | **Anatomy (Tutorial)** General features of bone (AN2.1-2.3) |
| **22/12/22 Thursday** | Chemistry of proteins (BI 5.2 ) | **Anatomy (Lecture)** General features of Nervous system (AN7.1-7.8) | **PY 1.5: Transport Mechanisms across cell Membranes ( Lecture)** | **PY 2.4: Erythropoiesis – Site, stages and Regulation of erythropoiesis** | **Batch A- Histology Practical:** Epithelium-II (AN65.1) **Batch B- Anatomy (SGD):** Introduction to upper limb and **Osteology**- Clavicle & Scapula (AN8.1-8.4,13.1,13.4) | **PY3.8,1.8: Normal values of blood components( Tutorial)** |
| **23/12/22 Friday** | **PY 1.5: Active transport and Applied Aspects** | **Anatomy (Lecture)** Spermatogenesis (AN77.3) | **( Tutorial/Seminar/SGT)** Chemistry of carbohydrates & amino acids( BI 3.1 & 5.2) | | **Batch B- Histology Practical:** Epithelium-II (AN65.1) **Batch A- Anatomy (SGD):** Introduction to upper limb and **Osteology**- Clavicle & Scapula (AN8.1-8.4,13.1,13.4) | Chemistry of proteins ( BI 5.2 ) |
| **24/12/22 Saturday** | **Anatomy (Lecture)** Oogenesis (AN77.3) | Chemistry of lipids ( BI 4.1) | **AETCOM Module 1.4: The Foundations of Communications-1 Department of Community Medicine** | | **PY 2.5: Types of anemias ( Lecture)** | **SPORT** |

| DAY/ TIME | 9-10 AM | 10-11 AM | 11AM –1 PM | 1-2 PM | 2-3PM | 3-4 PM | 4-5 PM |
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| **26/12/22 Monday** | **Anatomy (Lecture)** General features of Cardiovascular system-I (AN5.1-5.4) (AN7.1-7.8) | **PY 1.6: Fluid compartments of the body & Ionic composition and Measurement of body fluids(Lecture)** | **Anatomy ( SGD)** General features of Nervous system (AN7.1-7.8) | | **CM1.7.1-1.7.4: Enumerate and describe health indicators (Lecture)** | **Anatomy Lecture** General features of Cardiovascular system-II (AN5.5-5.8) | **PY 2.5: Jaundice ( Tutorial)** |
| **27/12/22 Tuesday** | **PY 2.6: WBC formation (granulopoiesis) and its regulation(Lecture)** | **Anatomy (Lecture)** Lymphatic system (AN6.1-6.3) | **Anatomy ( SGD)** General features of Cardiovascular system (AN5.1-5.8) | | **PY 2.11: Preparation of peripheral blood smear (Batch-A)**<br>Physical and chemical examination of normal urine. Physical analysis of the urine sample BI 11.3 **Batch B** | | Chemistry of proteins ( BI 5.2 ) |
| **28/12/22 Wednesday** | Chemistry of lipids ( BI 4.1) | **Anatomy (Lecture)** Microanatomy of Glands (AN70.1) | **Anatomy Part Completion Test-I (General Anatomy)** | | **PY 2.11: Preparation of peripheral blood smear (Batch-B)**<br>Physical and chemical examination of normal urine. Physical analysis of the urine sample BI 11.3 **Batch A** | | **Anatomy (Tutorial)** Clavicle & Scapula |
| **29/12/22 Thursday** | **HOLIDAY** | | | | **HOLIDAY** | | |
| **30/12/22 Friday** | **PY 1.7: Concept of pH & Buffer systems in the body. HI** | **Anatomy (Lecture)** Fertilization (AN77.4) | Chemistry of lipids(BI 4.1) **( Tutorial Seminar/SGT)** Chemistry of lipids & proteins ( BI 4.1& 5.2) | | **Batch A- Histology Practical:** Microanatomy of Glands (AN70.1) **Batch B- Anatomy (SGD): Osteology**-Humerus (AN8.1,8.2,8.4) | | Enzymes ( BI 2.1) |

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| | (Lecture) | | | | | |
| **31/12/22 Saturday** | **Anatomy (Lecture)** Pectoral region (AN9.1) | Enzymes ( BI 2.1) | **AETCOM Module 1.5: Cadaver as our first teacher- Opening session- Department of Anatomy** | | **PY 2.7: Formation of platelets, functions and variations (Lecture)** | **SPORT** |

Color Code: Anatomy | Physiology | Biochemistry | **AETCOM/SPORT** | PSM