**BLOCK I –BATCH 2019 – 2020**

**GENERAL ANATOMY & UPPER LIMB, GENERAL PHYSIOLOGY & MUSCULOSKELETAL SYSTEM & BLOOD, GENERAL BIOCHEMISTRY, ENZYMES & HB CHEMISTRY**

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| **TIME** | **DAY 1** | **DAY 2** | **DAY 3** | **DAY 4** | **DAY 5** |  |
| **03/09/2019** | **04/09/2019** | **05/09/2019** | **06/09/2019** | **07/09/2019** | **MON HOLIDAY** |
| **TUE** | **WED** | **THU** | **FRI** | **SAT** |  |
| **8-9 AM** | AN 1.1  TERMINOLOGIES IN ANATOMY | AN1.2 TO 2.4  GENERAL FEATURES OF BONE | AN 3.1 TO 3.3  MUSCULAR SYSTEM  HI: PHY | AN 5.1 TO 5.8  CVS  HI: PHY  VI: GM | AN7.1 TO 7.8  NERVOUS SYSTEM  HI: PHY |  |
| **9-10 AM** | AN 65.1,65.2  INTRODUCTION TO  MICROSCOPE  AND EPITHELIUM | AN 2.5 TO 2.6  DESCRIBE AND CLASSIFY JOINTS | AN 76.1 TO 76.2  INTRODUCTION TO EMBRYOLOGY | AN 4.1 TO 4.5  SKIN AND FASCIA  VI: DERM | AN 71.1  HISTOLOGY OF BONE  VI: PATH |  |
| **10-11AM** | AN 65.2  ULTRASTRUCTURE OF EPITHELIUM | AN75.1 TO 75.5  CELL DIVISION AND CHROMOSOMAL ABEERARIONS  VI : PEDIATRICS | AN 77.1 TO 77.6  GAMETOGENESIS AND FERTILISATION  VI: OG | AN 78.1 TO 78.5  EMBRYOLOGY 2ND WEEK  VI : OG | AN 71.2  HISTOLOGY CARTILAGE  VI: PATH |  |
| **11-12AM** | BI1.1 INTRODUCTION TO BIOCHEMISTRY | HISTOLOGY PRACTICALS  EPITHELIUM SLIDES | PY 1.5 TRANSPORT ACROSS CELL MEMBRANE | AN 6.1 TO 6.3  LYMPHATIC SYSTEM  VI: SURGERY | HISTOLOGY PRACTICALS  BONE AND CARTILAGE |  |
| **12-1 PM** | PY 1.1 & 2 CELL PHYSIOLOGY , INTER CELLULAR COMMUNICATIONS | BI1.1 HORIZONTAL INTEGRATION – PHYSIOLOGY- CELL AND ITS ORGANELLES | BI1.2 HORIZONTAL INTEGRATION – PHYSIOLOGY-CELL MEMBRANES, FLUID MOSAIC MODEL & TRANSPORT MECHANISMS | PY 1.5 TRANSPORT ACROSS CELL MEMBRANE | AETCOM |  |
| **2-3 PM** | PY 2.11 INTRODUCTION TO PRACTICAL,  BI INTRODUCTION TO PRACTICAL | PY 1.3 HOMEOSTASIS | BI 2.1 FUNDAMENTAL CONCEPT OF ENZYMES AND CLASSES OF IUBMB NOMENCLATURE | SGT | ECE |  |
| **3-4 PM** | PY 2.11 INTRODUCTION TO PRACTICAL  BI INTRODUCTION TO PRACTICAL | PY 1.3 HOMEOSTASIS | BI 2.2 COENZYMES, ALLOENZYMES AND MECHANISM OF ENZYME ACTION | SGT | ECE |  |

**Block I –Batch 2019 – 2020**

**General Anatomy & Upper Limb, General Physiology & MUSCULOSKELETAL SYSTEM & BLOOD, GENERAL BIOCHEMISTRY, ENZYMES & HB CHEMISTRY**

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| **TIME** | **DAY 6** | **DAY 7** | **DAY 8** |  |
| **09/09/2019** | **12/09/2019** | **13/09/2019** | **TUE, WED SAT HOLIDAY** |
| **MON** | **THU** | **FRI** |  |
| **8-9 AM** | **AN 13.1 TO 13.7**  INTRODUCTION  TO OSTEOLOGY , EMBRYOLOGY, SURFACE MARKING, RADIOLOGICAL ANATOMY  VI: RADIOLOGY | AN 9.2  PECTORAL REGION - II  BREAST INCLUDING DEVELOPMENT  VI: GS | AN 10.1 TO 10.4, 10.7  AXILLA BOUNDARIES, CONTENTS AND LYMPH NODES |  |
| **9-10 AM** | AN 9.1  INTRODUCTION TO UPPER LIMB- PECTORAL REGION- I | AN 66.1, 66.2  HISTOLOGY OF CONNECTIVE TISSUE  HI: PHY  VI: PATHO | AN 10.2  AXILLARY ARTERY AND VEIN |  |
| **10-11AM** | AN 79.1 TO 79.6  EMBRYOLOGY 3RD WEEK  VI:OG | A BATCH HISTOLOGY PRACTICALS CONNECTIVE TISSUE  B BATCH PECTORAL REGION DISSECTION | A AND B BATCH PECTORAL REGION DISSECTION |  |
| **11-12AM** | AETCOM  CADAVERIC OATH | PY 1. 8 MEMBRANE POTENTIAL | B BATCH HISTOLOGY PRACTICALS CONNECTIVE TISSUE  A BATCH PECTORAL REGION DISSECTION |  |
| **12-1 Pm** | PY 1.6 BODY FLUIDS | BI 2.3 BASIC PRINCIPLES OF ENZYME ACTIVITY | PY 1. 8 MEMBRANE POTENTIAL |  |
| **2-3 Pm** | PY 2.11 INTRODUCTION TO PRACTICAL,  BI LABORATORY SAFETY MEASURES | BI 2.4 VERTICAL INTEGRATION – PATHOLOGY & GENERAL MEDICINE -ENZYME INHIBITORS- POISONS AND DRUGS | SGT |  |
| **3-4 PM** | PY 2.11 INTRODUCTION TO PRACTICAL  BI LABORATORY SAFETY MEASURES | BI 2.5 ISOENZYMES | SGT |  |

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**GENERAL ANATOMY & UPPER LIMB, GENERAL PHYSIOLOGY & MUSCULOSKELETAL SYSTEM & BLOOD, GENERAL BIOCHEMISTRY, ENZYMES &Hb CHEMISTRY**

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| **TIME** | **DAY 9** | **DAY 10** | **DAY 11** | **DAY 12** | **DAY 13** | **DAY 14** |
| **16/09/2019** | **17/09/2019** | **18/09/2019** | **19/09/2019** | **20/09/2019** | **21/09/2019** |
| **MON** | **TUE** | **WED** | **THU** | **FRI** | **SAT** |
| **8-9 AM** | AN 10.3 TO 10.6  AXILLA 3 BRACHIAL PLEXUS | AN 10.10 TO 10.13  GROSS ANATOMY  DELTOID AND AXILLARY NERVE | AN 10.8,10.9 AND 10.11  SCAPULAR REGION | AN 11.1 TO 11.4  ARM  VI: ORTHO | AN 11.5  CUBITAL FOSSA  VI: ORTHO | INTRODUCTION TO COMMUNITY MEDICINE |
| **9-10 AM** | AN 79.1 TO 79.6  EMBRYOLOGY  4TH – 8TH WEEKS  VI: OG | AN 10.1 TO 10.2  DISSECTION AXILLA 1 | AN 10.9, 10.12  SHOULDER JOINT AND ANASTOMOSIS AROUND SCAPULA | AN 67.1 TO 67.3  HISTOLOGY MUSCLE  HI: PHY | AN 11.6 TO 13.3  ELBOW JOINT AND ANASTAMOSIS AROOUND ELBOW  VI: GS |
| **10-11AM** | AN 9.1  DISSECTION PECTORAL REGION | AN 10.3  DISSECTION AXILLA 2 | AN 10.3 TO 10.6  DISSECTION AXILLA 3 | A BATCH HISTOLOGY PRACTICALS MUSCLE  B BATCH DELTOID REGION DISSECTION | B BATCH HISTOLOGY PRACTICALS MUSCLE  A BATCH DELTOID REGION DISSECTION | HEALTH – DEFINITION, DETERMINANTS, INDICATORS |
| **11-12AM** | AN 9.2  DISSECTION PECTORAL REGION | BI 2.5 VERTICAL INTEGRATION – PATHOLOGY & GENERAL MEDICINE -CLINICAL UTILITY OF VARIOUS ENZYMES AS MARKERS OF PATHOLOGICAL CONDITIONS | AN 10.3 TO 10.6  DISSECTION AXILLA 3 | PY 3.7 CLASSIFICATION OF MUSCLE FIBERS, STRUCTURE OF SKELETAL MUSCLE FIBER | AN 11.5  DISSECTION CUBITAL FOSSA | DEMOGRAPHY – CYCLE, GAP, TRENDS |
| **12-1 PM** | PY 3.1&3.2 NEURON,NEUROGLIA,NERVE TYPES&FUNCTIONS | PY 3. 3 NERVE PROPERTIES & INJURIES | BI 2.6 VERTICAL INTEGRATION – PATHOLOGY & GENERAL MEDICINE - USE OF ENZYME IN LAB INVESTIGATIONS(ENZYME BASED ASSAYS) AND THERAPEUTIC USES | BI -AETCOM | PY 3.8 PROPERTIES OF SKELETAL MUSCLE | IMPACT OF URBANISATION ON HEALTH |
| **2-3 PM** | PY 2.11 MICROSCOPE, HEMOCYTOMETER  BI DISTRIBUTION OF GLASSWARES | PY 2.11 MICROSCOPE,HEMOCYTOMETER  BI LABORATORY SAFETY MEASURES& DISTRIBUTION OF GLASSWARES | PY 3.4 NEURO MUSCULAR JUNCTION & TRANSMISSION | BI- ECE | SGT | AETCOM |
| **3-4 PM** | PY 2.11 MICROSCOPE, HEMOCYTOMETER  BI DISTRIBUTION OF GLASSWARES | PY 2.11 MICROSCOPE, HEMOCYTOMETER - REVISION  BI LABORATORY SAFETY MEASURES& DISTRIBUTION OF GLASSWARES | VERTICAL INTEGRATION  PY 3.5,6 – PATH, PHARM,ANAESTHESIA | BI- ECE | SGT |
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**BLOCK I –BATCH 2019 – 2020**

**GENERAL ANATOMY & UPPER LIMB, GENERAL PHYSIOLOGY & MUSCULOSKELETAL SYSTEM & BLOOD, GENERAL BIOCHEMISTRY, ENZYMES &Hb CHEMISTRY**

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| **TIME** | **DAY 15** | **DAY 16** | **DAY 17** | **DAY 18** | **DAY 19** | **DAY 20** |
| **23/09/2019** | **24/09/2019** | **25/09/2019** | **26/09/2019** | **27/09/2019** | **28/09/2019** |
| **MON** | **TUE** | **WED** | **THU** | **FRI** | **SAT** |
| **8-9 AM** | AN 12.1  FRONT OF FOREARM MUSCLES | AN 12.11  BACK OF FOREARM SUPERFICIAL MUSCLES | AN 12.11  BACK OF FOREARM DEEP MUSCLES | AN 13.3  RADIOULNAR JOINTS | AN 13.3  WRIST JOINT AND FIRST CAARPOMETACARPPAL JOINT | AN 12.3-12.4, 12.9  PALM – FLEXOR RETINACULUM, FIBROUS FLEXOR SHEAT, CARPAL TUNNEL SYNDROME |
| **9-10 AM** | AN 12.2  FRONT OF FOREARM NERVES AND VESSELS | AN 12.1,12.2  DISSECTION FRONT OF FOREARM | AN 12.12  RADIAL NERVE AND RADILA ARTERY | AN 12.11, 12.12  DISSECTION BACK OF FOREARM | AN 68.1 TO 68.3  HISTOLOGY NERVE | AN 12.5,12.6  PALM INTRINSIC MUSCLES |
| **10-11AM** | AN 11.1 TO 11.4  DISSECTION ARM | AN 12.1,12.2  DISSECTION FRONT OF FOREARM | AN 12.11, 12.12  DISSECTION BACK OF FOREARM | AN 12.11, 12.12  DISSECTION BACK OF FOREARM | B BATCH HISTOLOGY PRACTICALS NERVE  A BATCH DISSECTION FOREARM | AN 12.5  DISSECTION PALM |
| **11-12AM** | AN 11.1 TO 11.4  DISSECTION ARM | BI 3.1 CHEMISTRY AND ISOMERISM OF CARBOHYDRATES AND MONOSACCHARIDES | AN 12.11, 12.12  DISSECTION BACK OF FOREARM | PY 3.7 SMOOTH MUSCLE –STRUCTURE, PROPERTIES | A BATCH HISTOLOGY PRACTICALS NERVE  B BATCH DISSECTION FOREARM | AN 12.6  DISSECTION PALM |
| **12-1 PM** | PY 3.8 PROPERTIES OF SKELETAL MUSCLE | PY 3.9 MECHANISM OF SKELETAL MUSCLE CONTRACTION | BI 3.2 DISACCHARIDES | BI 3.3 HOMOPOLYSACCHARIDES | PY 3.7 SMOOTH MUSCLE –STRUCTURE, PROPERTIES | PY 3.9 SMOOTH MUSCLE CONTRACTION |
| **2-3 PM** | PY 2.11 MICROSCOPE, HEMOCYTOMETER - REVISION  BI PIPETTING TECHNIQUES | PY 2.11 MICROSCOPE, HEMOCYTOMETER - REVISION  BI PIPETTING TECHNIQUES | PY 3.9 MECHANISM OF SKELETAL MUSCLE CONTRACTION | BI 3.4 HETEROPOLYSACCHARIDES | SGT | BI -3.6 VERTICAL INTEGRATION –GENERAL MEDICINE- GLYCOLYSIS |
| **3-4 PM** | PY 2.11 MICROSCOPE, HEMOCYTOMETER - REVISION  BI PIPETTING TECHNIQUES | PY 2.11 MICROSCOPE, HEMOCYTOMETER - REVISION  BI PIPETTING TECHNIQUES | PY 3.12,13 SKELETAL MUSCLE APPLIEDASPECTS – VERTICAL INTEGRATION  GENERAL MEDICINE | BI 3.5– HORIZONTAL INTEGRATION – PHYSIOLOGY- DIGESTION AND ABSORPTION OF CARBOHYDRATES | SGT | BI -3.7 VERTICAL INTEGRATION –GENERAL MEDICINE- PDH COMPLEX |

**BLOCK I –BATCH 2019 – 2020**

**GENERAL ANATOMY & UPPER LIMB, GENERAL PHYSIOLOGY & MUSCULOSKELETAL SYSTEM & BLOOD, GENERAL BIOCHEMISTRY, ENZYMES &Hb CHEMISTRY**

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| **TIME** | **DAY 21** | **DAY 22** | **DAY 23** | **DAY 24** | **DAY 25** |  |
| **30/09/2019** | **1/10/2019** | **3/10/2019** | **4/10/2019** | **5/10/2019** | **WED HOLIDAY** |
| **MON** | **TUE** | **THU** | **FRI** | **SAT** |  |
| **8-9 AM** | AN 12.10  FASCIAL SPACES OF PALM, FOREARM  VI: GS | AN 12.7  SUPERFICIAL AND DEEP PALMAR ARCH | AN 12.7  NERVES OF PALM  VI: GS | AN 12.14  EXTENSOR RETINACULUM AND COMPARTMENT | AN 13.1 TO 13.7  RADIOLOGY OF UPPER LIMB |  |
| **9-10 AM** | ECE 3 HRS  DOWN’S SYNDROME, THORACIC OUTLET SYNDROME, SATURDAY NIGHT PALSY, CLAW HAND, CARPAL TUNNEL SYNDROME  VI: GS | AN 70.2  HISTOLOGY OF LYMPHNODE AND SPLEEN | AN 12.7  DISSECTION PALM | AN 12.15  DORSAL VENOUS ARCH AND DORSAL DIGITAL EXPANSION | AN 80.1 TO 80.7  EMBRYOLOGY OF PLACENTA AND FOETAL MEMBRANES |  |
| **10-11AM** | A BATCH HISTOLOGY PRACTICALS LYMPHNODE AND SPLEEN  B BATCH DISSECTION PALM | B BATCH HISTOLOGY PRACTICALS LYMPHNODE AND SPLEEN  A BATCH DISSECTION PALM | AN 12.7  DISSECTION PALM | AN 13.1 TO 13.7  SURFACE MARKING OF UPPER LIMB |  |
| **11-12AM** | BI 3.8 VERTICAL INTEGRATION - GENERAL MEDICINE –TCA CYCLE | PY 2.4 RBC STRUCTURE, FUNCTION & ERYTHROPOIESIS | AN 12.14,12.15  DISSECTION DORSUM OF HAND | REVISION  UPPER LIMB |  |
| **12-1 PM** | PY 2.1 BLOOD COMPOSITION | PY 2.2 PLASMA PROTEINS | BI 3.9 VERTICAL INTEGRATION - GENERAL MEDICINE – GLUCONEOGENESIS | PY 2.4 RBC STRUCTURE, FUNCTION & ERYTHROPOIESIS | AETCOM |  |
| **2-3 PM** | PY 2.11 RBC COUNTING  BI REACTIONS OF MONOSACCHARIDES | PY 2.11 RBC COUNTING  BI REACTIONS OF MONOSACCHARIDES | BI 3.10 VERTICAL INTEGRATION - GENERAL MEDICINE – GLYCOGEN METABOLISM | SGT | ECE |  |
| **3-4 PM** | PY 2.11 RBC COUNTING  BI REACTIONS OF MONOSACCHARIDES | PY 2.11 RBC COUNTING  BI REACTIONS OF MONOSACCHARIDES | BI 3.11 VERTICAL INTEGRATION - GENERAL MEDICINE – HMP SHUNT | SGT | ECE |  |

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**GENERAL ANATOMY & UPPER LIMB, GENERAL PHYSIOLOGY & MUSCULOSKELETAL SYSTEM & BLOOD, GENERAL BIOCHEMISTRY, ENZYMES &Hb CHEMISTRY**

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| **TIME** | **DAY 26** | **DAY** | **DAY** | **MON TUE SAT HOLIDAY** |  |  |
| **9/10/2019** | **10/10/2019** | **11/10/2019** |  |  |  |
| **WED** | **THU** | **FRI** |  |  |  |
| **8-9 AM** | FORMATIVE ASSESSMENT ANATOMY | FORMATIVE ASSESSMENT PHYSIOLOGY | FORMATIVE ASSESSMENT BIOCHEMISTRY |  |  |  |
| **9-10 AM** |  |  |  |
| **10-11AM** |  |  |  |
| **11-12AM** | PRACTICALS AND VIVA | PRACTICALS AND VIVA | PRACTICALS AND VIVA |  |  |  |
| **12-1 PM** | SPORTS | SPORTS | SPORTS |  |  |  |
| **2-3 PM** |  |  |  |
| **3-4 PM** |  |  |  |