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|-------------------|--------------------|---|--|---|---|----------------|--|
| Sept<br>Week<br>1 | Day                | 8-9AM   | 9-10AM   | 10-11 AM  | 11AM-1.00 PM  | 1-2PM          | 2-4PM  |
|                   | Day 1<br>MONDAY    | PY DL<br>PY1.1<br>MAMMALIAN CELL              | AN – SDL 1.2, 2.1 – Bone                                       | AN 2.2, 2.3 – Bone contd  | AN 1.1 – Anatomical terms, position etc.  | Lunch<br>break | Practicals -Batches A,B,C<br><br>AN 4.3, 4 –VI -<br><b>Dermatology</b> -<br>Superficial and deep fasciae |
|                   | Day 2<br>TUESDAY   | AN 2.2, 2.3 – Bone contd                      | BI 1.1-DL Molecular and functional organization of a cell      | PY DL<br>PY 1.2<br>HOMEOSTASIS                                  | AN 2.5, 2.6 – Joints, types, examples   |                | PY 2.11 ESTIMATION OF R.B.C.COUNT  |
|                   | Day 3<br>WEDNESDAY | AN 2.4 - VI - <b>Ortho</b> -Cartilage         | PY TUTORIALS<br>PY 1.1MAMMALIAN CELL<br>PY 1.2HOMEOSTASIS      |   | AN 4.1, 2, 5 –VI -<br><b>Dermatology</b> - Skin and its appendages                        |                | BI11.1<br>Laboratory apparatus and equipments in biochemistry  |
|                   | Day 4<br>THURSDAY  | BI 1.1 –DL<br>Subcellular Components          | PY DL<br>PY 1.6<br>BODY FLUIDS<br>PY1.7<br>PH&BUFFER SYSTEM    | PY1.3 DL<br>CYTOSKELETON  | Assessment–AN<br>Written/ Viva voce/MCQ’s   |                | AN - SGD – 5.1, 2, 3 – VI -<br><b>Pathology</b> - Blood vessels -  |
|                   | Day 5<br>FRIDAY    | PY DL<br>PY 1.3<br>INTERCELLULAR COMMUNICAION | AN 5.4 to 5.8 –VI -<br><b>GM</b> - Blood vessels etc.<br>Contd | ECE–AN<br>Visit to Hospital, its orientation                    |   |                | PY – SGD PY 1.5<br>TRANSPORT MECHANISM   |
|                   | Day 6<br>SATURDAY  | Sports/ Extracurricular activity              | BI 1.1- SDL<br>Mechanisms of membrane transport                | AN - 6.1, 2, 3 –VI -<br><b>Gen. Surg.</b> -<br>Lymphatic system | CM1.1-DL&SGD<br>Define public Health<br>Describe about changing concepts of public health |                | BI5.1 -SGD<br>Structural organization of proteins.   |

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| Sept<br>Week<br>2 | Day                | 8-9AM   | 9-10AM  | 10-11 AM  | 11AM-1.00 PM   | 1-2PM   | 2-4PM  |
|                   | Day 1<br>MONDAY    | PY DL<br>PY 1.5<br>TRANSPORT MECHANISM  | AN – SDL 7.1, 2, 3, 4,<br>5 – Nervous system  | AN 7.6, 7, 8 – <b>VI -<br/>GM</b> - Nervous<br>system contd.      | AN 8.1 to 8.6 – Scapula<br>demonstration                                       | Lunch<br>break  | Practicals -Batches A,B,C  |
|                   | Day 2<br>TUESDAY   | AN 8.1 to 8.6 – Clavicle<br>demonstration   | BI5.2- DL<br>Structure-function<br>relationships of<br>proteins, hemoglobin<br>Myoglobin, | PY DL<br>PY 1.4<br>APOPTOSIS                                      | 8.1 to 8.6 – Ulna, bones<br>of the hand<br>demonstration                       |   | AN 8.1 to 8.6 – <b>VI – Ortho</b><br>Humerus, radius<br>demonstration      |
|                   | Day 3<br>WEDNESDAY | AN 9.1 – Pectoral region  | PY TUTORIALS PY 1.5<br>TRANSPORT MECHANISM  |   | AN Dissection - 9.1, 2, 3 –<br>Pectoral region, breast                         |   | PY 2.11<br>REVISION<br>RBC COUNT   |
|                   | Day 4<br>THURSDAY  | . BI5.2- DL<br>Structure-function<br>relationships of proteins,<br>Albumin, globulins | PY DL PY 2.1<br>BLOOD<br>COMPOSITION  | PY DL PY2.2<br>PLASMA<br>PROTEINS                                 | Assessment –PY<br>Written/ Viva<br>voce/MCQ's                                  |   | BI11.6<br>Principles of colorimetry  |
|                   | Day 5<br>FRIDAY    | PY DL PY 2.4<br>HAEMOPOIESIS,<br>ERYTHROPOIESIS &<br>REGULATION                       | AN 9.2, 3 - <b>VI - Gen .<br/>Surg.-Breast</b>  | ECE – PY<br>VISIT TO CENTRAL LAB TO STUDY<br>HEMATOLOGY ANALYZER  |  |   | AN - SGD 10.1 to 10.7 –<br>Boundaries and contents of<br>axilla            |
|                   | Day 6<br>SATURDAY  | Sports/ Extracurricular<br>activity   | PY-SDL<br>PY 2.5<br>PHYSIOLOGY OF<br>NEURON<br>NGF/CYTOKINES                              | AN 10.1, 2 –<br>Boundaries and<br>contents (vessels)<br>of axilla | CM1.2-DL&SGD<br>Define Health Describe<br>about changing concepts<br>of health |   | PY – SGD<br>PY1.8 -RESTING MEMBRANE<br>POTENTIAL<br>PY1.8-ACTION POTENTIAL |
|                   |                    |   |   |   |  | BI6.12-SGD Major types of<br>haemoglobin and its<br>derivatives found in the<br>body and their physiological<br>relevance |  |

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| Sept<br>Week<br>3 | Day                | 8-9AM   | 9-10AM   | 10-11 AM   | 11AM-1.00 PM   | 1-2PM          | 2-4PM   |
|                   | Day 1<br>MONDAY    | PY DL<br>PY 2.4<br>HAEMOPOIESIS,<br>ERYTHROPOIESIS &<br>REGULATION              | AN – SDL 10.4 – Axillary<br>lymph nodes  | AN 10.3, 5, 6 – <b>VI -<br/>Gen. Surg.</b> - Brachial<br>plexus              | AN Dissection 10.1 to 10.7<br>– Boundaries and contents<br>of axilla | Lunch<br>break | Practicals -Batches A,B,C<br><br>AN 65.1, 2, 66.1, 2 – Hist –<br>Epithelium, Connective<br>tissue       |
|                   | Day 2<br>TUESDAY   | AN 76.1, 2 – Gen.<br>Embryology,<br>Gametogeneses                               | BI6.12-DL <b>VI-GM</b><br>Major types of<br>haemoglobin and its<br>derivatives, their<br>pathological relevance<br>&hemoglobinopathies | PY DL<br>PY 1.9<br>CLINICAL CARE AND<br>RESEARCH<br>PY 2.6<br>GRANULOPOIESIS | AN Dissection 10.1 to 10.7<br>– Boundaries and contents<br>of axilla |                | PY 2.11<br>ESTIMATION OF TOTAL<br>LEUCOCYTE COUNT   |
|                   | Day 3<br>WEDNESDAY | AN 10.8, 9 – Trapezius,<br>latissimus dorsi,<br>triangle of auscultation        | PY TUTORIALS<br>PY 2.4<br>HAEMOPOIESIS   |  | AN Dissection 10.8, 9 –<br>Dissection of the back                    |                | BI11.8 Demonstrate<br>estimation of serum<br>proteins   |
|                   | Day 4<br>THURSDAY  | BI6.11-DL<br>Functions of haem in<br>the body and<br>metabolism of<br>porphyrin | PY DL<br>PY 2.3<br>HAEMOGLOBIN<br>JAUNDICE   | PY DL<br>PY 2.5<br>ANAEMIAS  | Assessment –BI<br>Written/ Viva voce/MCQ's                           |                | AN - SGD 10.10, 11 –<br>Shoulder region   |
|                   | Day 5<br>FRIDAY    | PY 2.7<br>PLATELETS   | AN 10.10, 10.11 –<br>Deltoid, rotator cuff,<br>serratus anterior, 10.13 –<br>Axillary nerve  | ECE-BI<br>Ward GM/Pead/Case study of<br>Anemia/hemoglobinopathy              |  |                | PY – SGD<br>PY 2.8<br>HAEMOSTASIS   |
|                   | Day 6<br>SATURDAY  | Sports/ Extracurricular<br>activity   | BI6.11-SDL Metabolism of<br>Heme synthesis   | AN 77.1 to 77.6 –<br>Menstrual, ovarian<br>cycles, applied<br>aspects        | AETCOM   |                | BI6.9- SGD <b>VI- GM</b><br>Functions of iron and its<br>metabolism and Disorders<br>of iron metabolism |

| Sept<br>Week<br>4 | Day                    | 8-9AM   | 9-10AM   | 10-11 AM   | 11AM-1.00 PM   | 1-2PM          | 2-4PM  |
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|                   | Day 1<br>MONDAY        | PY DL<br>PY 2.8<br>ANTICOAGULANTS                             | AN – SDL1 1,13<br>quadrangular and<br>triangular spaces                                  | AN 65.1 Hist - Epithelium  | AN<br>Dissection10.10,<br>11, 13 – Shoulder<br>region          | Lunch<br>break | Practicals -Batches A,B,C  |
|                   | Day 2<br>TUESDAY       | AN 10.12 – Shoulder joint                                     | BI6.5-DL VI -Patho<br>Biochemical role and<br>deficiency of vitamins<br>B12 , folic Acid | PY DL<br>PY 2.9<br>BLOOD GROUPS                                  | AN Dissection<br>10.12 – VI -<br>Ortho- Shoulder<br>joint      |                | AN 67.1 to 68.3– Hist – muscle,<br>Nervous tissue (neuron,<br>peripheral nerve, ganglia)         |
|                   | Day 3<br>WEDNESD<br>AY | AN 11.1, 2 – Upper arm  | PY TUTORIALS<br>PY 2.8 HAEMOSTASIS   |  | AN Dissection<br>11.1, 2 – Upper<br>arm                        |                | PY 2.11<br>ESTIMATION OF TOTAL<br>LEUCOCYTE COUNT  |
|                   | Day 4<br>THURSDAY      | BI10.3 -DL<br>Cellular and components of<br>the immune system | PY DL PY 2.9<br>BLOOD GROUPS   | PY DL<br>PY 2.9<br>BLOOD TRANSFUSION AND<br>CLINICAL ASPECT      | PY DL PY<br>PY2.10<br>IMMUNITY                                 |                | BI11.16<br>Observe the use of ELISA  |
|                   | Day 5<br>FRIDAY        | PY DL PY2.10<br>IMMUNITY                                      | AN 11.3, 4 – VI - Gen.<br>Surg. - Radial nerve,<br>cubital veins                         | BI10.3 -SDL<br>Humoral components of the<br>immune system        | PY DL<br>PY 3.7<br>MUSCLE FIBRES<br>PY 3.8 ACTION<br>POTENTIAL |                | AN - SGD 11.1, 2 – Upper arm   |
|                   | Day 6<br>SATURDAY      | Sports/ Extracurricular<br>activity                           | PY-SDL<br>PY 3.6<br>MYASTHENIA GRAVIS<br>PY 3.9<br>RESEARCH                              | AN 11.5, 6 – Cubital fossa,<br>anastomoses around elbow<br>joint | CM1.2-DL&SGD<br>Describe about<br>dimensions of<br>health      |                | PY – SGD<br>PY 3.2, 3.3<br>TYPES,FUNCTIONS PROPERTIES<br>OF NERVE FIBRES                         |
|                   |                        |   |  |  |  |                | BI10.3 –SGD<br>Types and structure of antibody<br>BI10.4 Innate and adaptive<br>immune responses |

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| Oct<br>Week<br>5 | Day                | 8-9AM  | 9-10AM  | 10-11 AM  | 11AM-1.00 PM  | 1-2PM          | 2-4PM  |
|                  | Day 1<br>Monday    | PY – DL<br>PY 3.4NEURO MUSCULAR<br>JUNCTION  | AN – SDL 11.5 cubital fossa   | AN 77.1 to 77.6 –<br>Menstrual, ovarian<br>cycles, applied aspects<br>II  | AN Dissection 11.5 –<br>Cubital fossa   | Lunch<br>break | Practicals -Batches A,B,C<br><br>AN 71.1, 2 – Hist – Bone,<br>cartilage  |
|                  | Day 2<br>Tuesday   | AN 12.1 – Muscles of the<br>front of the forearm   | BI10.4 –DL<br>Self/non-self<br>recognition and the<br>central role of T-helper<br>cells in immune responses.                                  | PY DL PY 3.9<br>MOLECULAR BASIS OF<br>MUSCLE<br>CONTRACTION   | AN Dissection 12.1 –<br>Muscles of the front of<br>the forearm                                      |                | PY 2.11<br>ESTIMATION OF<br>RETICULOCYTE COUNT AND<br>PLATELET COUNT   |
|                  | Day 3<br>Wednesday | AN12.2 – Nerves and<br>vessels of the front of the<br>forearm theory                       | PY TUTORIALS<br>PY 2.9<br>BLOOD GROUPS  |   | AN Dissection 12.2 –<br>Nerves and vessels of<br>the front of the forearm                           |                | BI11.16<br>Observe techniques of<br>immunodiffusion  |
|                  | Day 4<br>Thursday  | BI10.5 –DL VI- Paed, Micro<br>Antigens and concepts<br>involved in vaccine<br>development. | PY DL PY 3.9<br>MOLECULAR BASIS OF<br>MUSCLE CONTRACTION  | PY DL<br>PY 3.12 GRADATION<br>OF MUSCULAR<br>ACTIVITY   | Assessment –AN<br>Written/ Viva<br>voce/MCQ's   |                | AN - SGD 12.5 to 12.10–<br>Palm of the hand  |
|                  | Day 5<br>Friday    | PY DL PY 3.13<br>MUSCULAR DYSTROPIES<br>AND MYOPATHIES                                     | AN 12.3, 4, 10 – VI - Gen.<br>Surg. - Flexor retinaculum,<br>carpal tunnel syndrome,<br>Fibrous flexor sheaths,<br>fascial spaces of the palm | ECE –AN<br>1. Carcinoma breast (or the like) - palpation of<br>axillary lymph nodes<br><br>2. Blood collection – intravenous manoeuvres |   |                | PY SGD PY 3.3 PY 3.5<br>NEURO MUSCULAR<br>BLOCKING AGENTS<br>DEGENERATION AND<br>REGENERATION IN NERVE<br>FIBRES |
|                  | Day 6<br>Saturday  | Sports/ Extracurricular<br>activity  | BI2.1 -SDL<br>Fundamental concepts of<br>enzyme, isoenzyme,<br>alloenzyme, coenzyme &<br>co-factors   | AN 12.5, 6 –<br>Intrinsic muscles of<br>the hand  | CM 1.2-DL&SGD<br>Define concepts of<br>wellbeing<br>Describe about various<br>concepts of wellbeing |                | BI 2.1 -SGD<br>Classes of IUBMB<br>nomenclature<br>BI 2.2 - Demo<br>Observe the estimation of<br>SGOT & SGPT     |

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| Oct<br>Week<br>6 | Day                | 8-9AM   | 9-10AM  | 10-11 AM   | 11AM-1.00 PM   | 1-2PM          | 2-4PM  |
|                  | Day 1<br>MONDAY    | PY DL PY 3.17<br>STRENGTH DURATION<br>CURVE                         | AN – SDL 12.1<br>pronation and<br>supination  | AN 12.7, 8 –<br>Vessels and nerves<br>of the hand      | AN Dissection 12.5 to 12.10 –<br>Dissection of the palm of the<br>hand                                   | Lunch<br>break | Practicals<br>Batches A,B,C  |
|                  | Day 2<br>TUESDAY   | AN 78.1 to 78.5 – Second<br>week of development                     | BI 2.3 -DL<br>Factors affecting<br>enzyme activity<br>Enzyme kinetics   | PY DL PY 5.1<br>FUNCTIONAL<br>ANATOMY OF THE<br>HEART  | AN Dissection 12.5 to 12.10 –<br>Dissection of the palm of the<br>hand                                   |                | AN 69.1, 2, 3, 70.2 – Hist<br>– Blood vessels,<br>lymphoid tissues         |
|                  | Day 3<br>WEDNESDAY | AN 78.1 to 78.5 – Second<br>week of development II                  | PY TUTORIALS<br>PY 3.4 & 3.10<br>NMJ & CONTRACTION  |  | AN Dissection 12.5 to 12.10 –<br>Dissection of the palm of the<br>hand                                   |                | PY 2.11 ESTIMATION OF<br>HAEMOGLOBIN                                       |
|                  | Day 4<br>THURSDAY  | BI 2.3 -DL<br>Factors affecting enzyme<br>activity ,Enzyme kinetics | PY DL PY 5.1 CONDUCTING SYSTEM OF THE<br>HEART  |  | Assessment PY<br>Written/ Viva voce/MCQ's  |                | BI11.13 & BI2.2<br>Estimation of SGOT                                      |
|                  | Day 5<br>FRIDAY    | PY DL PY 5.2<br>PROPERTIES OF CARDIAC<br>MUSCLE                     | AN 12.11 – Muscles of<br>the back of the<br>forearm, Extensor<br>retinaculum, extensor<br>expansions                | ECE –PY<br>VISIT TO BLOOD BANK                         |  |                | AN - SGD 12.11 to<br>12.15 – Back of the<br>forearm, dorsum of the<br>hand |
|                  | Day 6<br>SATURDAY  | Sports/ Extracurricular<br>activity                                 | PY –SDL 3.10 -<br>ISOMETRIC AND<br>ISOTONIC MUSCLE<br>CONTRACTION<br>3.11<br>ENERGY SOURCE AND<br>MUSCLE METABOLISM | AN 78.1 to 78.5 –<br>Second week of<br>development III | CM1.2-DL&SGD<br>Describe about spectrum of<br>health<br>Describe about various<br>determinants of health |                | PY – SGD<br>PY 5.2<br>PROPERTIES OF<br>CARDIAC MUSCLE                      |
|                  |                    |   |   |  |  |                | BI2.3-SGD<br>Enzyme inhibition BI 2.3<br>-Enzyme Regulation                |

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| Oct<br>Week<br>7 | Day                | 8-9AM   | 9-10AM   | 10-11 AM  | 11AM-1.00 PM  | 1-2PM          | 2-4PM  |
|                  | Day 1<br>MONDAY    | PY DL<br>PY 5.4<br>GENERATION AND<br>CONDUCTION OF CARDIAC<br>IMPULSE   | AN – SDL 12.10<br>palmar spaces                              | AN 12.12, 13-<br>Vessels and nerves<br>of the back of the<br>forearm, wrist<br>drop | AN Dissection 12.11 to<br>12.15 – VI - Gen. Surg. -<br>Back of the forearm,<br>dorsum of the hand | Lunch<br>break | Practicals                      Batches<br>A,B,C<br><br>AN 13.5 – Radiology of the<br>upper limb   |
|                  | Day 2<br>TUESDAY   | AN 79.1 to 79.6 – Third to<br>eighth week of development  | BI 2.3 -DL<br>Mechanism of<br>action of enzymes              | PY DL<br>PY 5.3<br>CARDIAC CYCLE  | AN Dissection 12.11 to<br>12.15 – Back of the<br>forearm, dorsum of the<br>hand                   |                | PY 2.11<br>ESTIMATION OF DLC   |
|                  | Day 3<br>WEDNESDAY | AN 13.1, 2 – Dermatomes,<br>veins of the upper limb, 13.4,<br>Joints of the clavicle                              | PY TUTORIALS<br>PY 5.3<br>CARDIAC CYCLE                      |   | AN Dissection 13.3, 4 –<br>Joints of the forearm and<br>hand                                      |                | BI11.13 & BI2.2<br>Estimation of SGPT  |
|                  | Day 4<br>THURSDAY  | BI 2.4-DL                      VI - GM<br>Enzyme inhibitors as poisons<br>and drugs and as therapeutic<br>enzymes | PY DL<br>PY 5.7<br>HAEMODYNAMICS OF CIRCULATORY<br>SYSTEM    |   | Assessment-BI<br>Written/ Viva<br>voce/MCQ's  |                | AN - SGD 13.6, 7, 8 -<br>Surface anatomy,<br>development of the upper<br>limb  |
|                  | Day 5<br>FRIDAY    | PY DL<br>PY 5.9<br>CARDIAC OUTPUT   | AN 13.3, 4 – Joints of<br>the forearm and hand               | ECE-BI<br>Central Lab- Process from collection to<br>reporting                      |   |                | PY – SGD<br>PY 5.5 -E.C.G.<br>PY 5.6 - CLINICAL ASPECT<br>OF E.C.G.  |
|                  | Day 6<br>SATURDAY  | Sports/ Extracurricular<br>activity   | BI 2.7 -SDL<br>Isoenzymes and their<br>clinical significance | AN 79.1 to 79.6<br>– Third to<br>eighth week of<br>development II                   | AETCOM  |                | BI2.5, BI 2.6 & BI 2.7-SGD<br>Enzyme-based Assays ,<br>clinical utility &<br>interpretation of various<br>enzymes as markers of<br>pathological conditions |

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| Oct<br>Week<br>7  | Day                                 | 8-9AM   | 9-10AM  | 10-11 AM  | 11AM-1.00 PM  | 1-2PM          | 2-4PM  |
|                   | Day 1<br>MONDAY                     | PY DL<br>PY 5.4<br>GENERATION AND<br>CONDUCTION OF CARDIAC<br>IMPULSE   | AN – SDL 12.10<br>palmar spaces                                   | AN 12.12, 13-<br>Vessels and nerves<br>of the back of the<br>forearm, wrist<br>drop | AN Dissection 12.11 to<br>12.15 – VI - Gen. Surg. -<br>Back of the forearm,<br>dorsum of the hand | Lunch<br>break | Practicals                  Batches<br>A,B,C   |
|                   |                                     |   |   |   |   |                | AN 13.5 – Radiology of the<br>upper limb   |
|                   | Day 2<br>TUESDAY                    | AN 79.1 to 79.6 – Third to<br>eighth week of development  | BI 2.3 -DL<br>Mechanism of<br>action of enzymes                   | PY DL<br>PY 5.3<br>CARDIAC CYCLE  | AN Dissection 12.11 to<br>12.15 – Back of the<br>forearm, dorsum of the<br>hand                   |                | PY 2.11<br>ESTIMATION OF DLC   |
|                   | Day 3<br>WEDNESDAY                  | AN 13.1, 2 – Dermatomes,<br>veins of the upper limb, 13.4,<br>Joints of the clavicle                          | PY TUTORIALS<br>PY 5.3<br>CARDIAC CYCLE                           |   | AN Dissection 13.3, 4 –<br>Joints of the forearm and<br>hand                                      |                | BI11.13 & BI2.2<br>Estimation of SGPT  |
|                   | Day 4<br>THURSDAY                   | BI 2.4-DL                  VI - GM<br>Enzyme inhibitors as poisons<br>and drugs and as therapeutic<br>enzymes | PY DL<br>PY 5.7<br>HAEMODYNAMICS OF CIRCULATORY<br>SYSTEM         |   | Assessment-BI<br>Written/ Viva<br>voce/MCQ's  |                | AN - SGD 13.6, 7, 8 -<br>Surface anatomy,<br>development of the upper<br>limb  |
|                   | Day 5<br>FRIDAY                     | PY DL<br>PY 5.9<br>CARDIAC OUTPUT   | AN 13.3, 4 – Joints of<br>the forearm and hand                    | ECE-BI<br>Central Lab- Process from collection to<br>reporting                      |   |                | PY – SGD<br>PY 5.5 -E.C.G.<br>PY 5.6 - CLINICAL ASPECT<br>OF E.C.G.  |
| Day 6<br>SATURDAY | Sports/ Extracurricular<br>activity | BI 2.7 -SDL<br>Isoenzymes and their<br>clinical significance  | AN 79.1 to 79.6<br>– Third to<br>eighth week of<br>development II | AETCOM  |   |                | BI2.5, BI 2.6 & BI 2.7-SGD<br>Enzyme-based Assays ,<br>clinical utility &<br>interpretation of various<br>enzymes as markers of<br>pathological conditions |



| Oct<br>Week<br>8 | Day                | 8-9AM   | 9-10AM   | 10-11 AM  | 11AM-1.00 PM  | 1-2PM          | 2-4PM  |
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|                  | Day 1<br>MONDAY    | PY DL<br>PY 5.6 CLINICAL ASPECT<br>OF ECG         | AN 79.1 to 79.6 –<br>Third to eighth<br>week of<br>development III   | AN 21.1 - Sternum<br>demonstration in<br>batches              | AN 21.1, 21.2, 21.3 – Ribs<br>demonstration in batches,<br>thoracic inlet                                 | Lunch<br>break | Practicals<br>Batches A,B,C  |
|                  | Day 2<br>TUESDAY   | AN 70.1, 2 – Hist –<br>Lymphoid tissue            | BI4.1 –DL<br>Main classes of<br>lipids and their<br>major functions. | PY DL<br>PY 5.9<br>CARDIAC OUTPUT                             | AN Dissection 21.1 to 21.7<br>- Walls of the thorax   |                | PY 2.11<br>DLC REVISION  |
|                  | Day 3<br>WEDNESDAY | AN 21.4, 5 ,7 – Intercostal<br>muscles and nerves | PY TUTORIALS<br>PY 5.5 &5.6<br>E.C.G                                 |   | AN Dissection 21.1 to 21.7<br>- Walls of the thorax   |                | BI11.14<br>Estimation of alkaline<br>phosphatase   |
|                  | Day 4<br>THURSDAY  | BI4.2-DL<br>Metabolism of<br>triglycerides        | PY DL<br>PY 5.9<br>REGULATION OF<br>CARDIAC OUTPUT                   | PY DL<br>PY 5.9<br>REGULATION OF<br>HEART RATE                | AETCOM  |                | AN - SGD 21.8, 9, 21.10<br>- Describe & demonstrate<br>type, articular surfaces<br>manubriosternal,<br>costovertebral,<br>costotransverse and<br>xiphisternal joints,<br>costochondral joints,<br>mechanics of respiration |
|                  | Day 5<br>FRIDAY    | PY DL PY 5.9<br>REGULATION OF BLOOD<br>PRESSURE   | AN 21.6 -<br>Intercostal vessels,<br>internal thoracic<br>vessels    | PY DL<br>PY 11.4<br>EFFECT OF<br>PHYSICAL<br>TRAINING         | AN<br>Revision<br>AN 25.2 - Development of<br>pleurae, lung and the<br>heart                              |                | PY SGD PY 5.9<br>REGULATION OF BLOOD<br>PRESSURE   |
|                  | Day 6<br>SATURDAY  | Sports/ Extracurricular<br>activity               | PY SDL<br>PY 5.8<br>CARDIOVASCULAR<br>REGULATORY<br>MECHANISMS       | AN 25.2 -<br>Development of<br>pleurae, lung and<br>the heart | CM1.3 DL&SGD<br>Describe about various<br>concepts of disease.<br>Describe about concepts<br>of causation |                | BI4.2-SGD<br>Metabolism of<br>cholesterol  |

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| Nov<br>Week<br>9  | Day                                 | 8-9AM   | 9-10AM  | 10-11 AM  | 11AM-1.00 PM   | 1-2PM          | 2-4PM  |
|                   | Day 1<br>MONDAY                     | PY DL<br>PY 5.11<br>PHYSIOGY OF SHOCK   | AN – SDL 21.11<br>boundaries of<br>mediastinum  | AN 21.11 -<br>Mediastinum   | AN Dissection 21.11 -<br>Mediastinum   | Lunch<br>break | Practicals                      Batches<br>A,B,C                         |
|                   |                                     |   |   |   |  |                | AN – 70.1, 72.1 – Hist –<br>Salivary glands, skin                        |
|                   | Day 2<br>TUESDAY                    | AN 22.1 - Pericardium   | BI4.4-DL<br>Structure and<br>functions of<br>lipoproteins,<br>interrelations &<br>relations with<br>atherosclerosis | PY DL PY 5.11<br>PHYSIOLOGY OF<br>SYNCOPE AND<br>HEART FAILURE  | AN Dissection 22.1 -<br>Pericardium  |                | PY 2.11<br>DLC REVISION  |
|                   | Day 3<br>WEDNESDAY                  | AN 22.2 – External<br>features of the heart   | PY TUTORIALS<br>PY 5.9<br>REGULATION OF HR CO&BP  |   | AN Dissection 22.2 –VI -<br><b>GM, Paed</b> - External<br>features of the heart  |                | BI11.10<br>Estimation of triglycerides                                   |
|                   | Day 4<br>THURSDAY                   | BI4.3-DL <b>VI -GM</b><br>Lipoprotein metabolism &<br>associated disorders                                  | PY DL PY 5.10<br>LOCAL CIRCULATION  |   | Assessment-AN<br>Written/ Viva voce/MCQ's  |                | AN - SGD 22.3, 22.5 – <b>VI -<br/>GM</b> - Blood supply of the-<br>heart |
|                   | Day 5<br>FRIDAY                     | PY DL PY 5.10<br>CEREBRAL CIRCULATION<br>AND COROARY<br>CIRCULATION   | AN 22.3, 22.5 –<br>Blood supply of the<br>heart   | ECE-AN<br>Pleural effusion, Pneumothorax etc.   |  |                | PY – SGD<br>PY 5.3 &5.9  |
| Day 6<br>SATURDAY | Sports/ Extracurricular<br>activity | BI7.7 -SDL<br>Role of oxidative<br>stress in the<br>pathogenesis and<br>complications of<br>atherosclerosis | AN 25.2, 3 -<br>Development of<br>pleurae, lung and<br>the heart, fetal<br>circulation                              | CM1.3,CM1.4- DL&SGD<br>Describe about web of<br>causation<br>Describe about the natural<br>history of disease | BI4.5 & BI4.7, BI11.17-SGD<br>Interpret laboratory<br>results of analytes<br>associated with<br>metabolism of Lipids<br>including dyslipidemia,<br>and myocardial infarction |                |  |

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| Nov<br>Week<br>10 | Day                                 | 8-9AM  | 9-10AM  | 10-11 AM  | 11AM-1.00 PM   | 1-2PM  | 2-4PM   |
|                   | Day 1<br>MONDAY                     | PY DL<br>PY 6.1 FUNCTIONAL<br>ANATOMY OF THE<br>RESPIRATORY TRACT  | AN – SDL 25.2,3<br>development of interatrial<br>and interventricularseptum | AN 22.2 - Interior of<br>the chambers of the<br>heart   | AN Dissection 22.2 -<br>Interior of the<br>chambers of the heart | Lunch<br>break                                       | Practicals      Batches<br>A,B,C                            |
|                   |                                     |  |   |   |  |  | AN 52.1 – Hist –<br>Pancreas, suprarenal<br>gland, Appendix |
|                   | Day 2<br>TUESDAY                    | AN 22.4, 22.6, 22.7 -<br>Ischaemic heart disease,<br>fibrous skeleton of the<br>heart, conducting system<br>of the heart | BI4.6 –DL<br>Prostaglandins and inhibitors<br>of eicosanoid synthesis       | PY DL<br>PY 6.2 RESPIRATORY<br>MEMBRANE   | AN Dissection 22.2 -<br>Interior of the<br>chambers of the heart |  | PY 2.11<br>ESTIMATION OF<br>BLOOD GROUS , BT/ CT            |
|                   | Day 3<br>WEDNESDAY                  | AN 23.1, 23.2, 23.7 -<br>Oesophagus and thoracic<br>duct, applied anatomy  | PY TUTORIALS<br>PY 5.10<br>REGIONAL CIRCULATION                             |   | AN Dissection 23.1, 23.2<br>- Oesophagus and<br>thoracic duct    |  | BI11.9<br>Estimation of serum<br>total cholesterol          |
|                   | Day 4<br>THURSDAY                   | BI4.1 –DL Functions of<br>phospholipids and<br>associated conditions   | PY 6.2 PY 6.2<br>MECHANICS OF BREATHING                                     | PY DL PY 6.2<br>LUNG VOLUMES<br>AND CAPACITIES  | Assessment –PY<br>Written/ Viva voce<br>/MCQ’s                   |  | AN - SGD 23.3 -<br>Azygos veins                             |
|                   | Day 5<br>FRIDAY                     | PY DLPY 6.2<br>PROPERTIES OF LUNGS<br>AND CHESTWALL  | AN 23.3 - Azygos veins  | ECE-PY<br>VISIT TO PULMONARY MEDICINE DEPARTMENT<br>TO STUDY COMPUTERISED SPIROMETRY AND<br>VARIATIONS IN PULMONARY DISORDERS |  |  | PY 6.2 – SGD<br>PROPERTIES OF LUNGS<br>AND CHESTWALL        |
| Day 6<br>SATURDAY | Sports/ Extracurricular<br>activity | PY 6.2 - SDL<br>ALVEOLAR VENTILATION,<br>GAS EXCHANGE AND V/P<br>RATIO   | AN 25.4 - Cardiac<br>developmental<br>anomalies                             | CM1.4-SGD<br>Describe about the pre-<br>pathogenesis &<br>pathogenesis phase of<br>disease                                    |  | BI4.2-SGD<br>Metabolism of fatty<br>acids -Oxidation |   |

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| Nov<br>Week<br>11 | Day                | 8-9AM   | 9-10AM   | 10-11 AM  | 11AM-1.00 PM   | 1-2PM          | 2-4PM  |
|                   | Day 1<br>MONDAY    | PY DL<br>PY 6.3<br>TRANSPORT OF<br>RESPIRATORY GASES<br>OXYGEN      | AN – 23.4<br>development of<br>arch of aorta               | AN 23.4 - Arch of<br>aorta, descending<br>thoracic aorta        | AN Dissection 23.4 - Arch of<br>aorta, descending thoracic<br>aorta            | Lunch<br>break | Practicals- Batches A,B,C<br><br>AN 25.1 - Histology of<br>trachea, lung |
|                   | Day 2<br>TUESDAY   | AN 23.5, 23.6 – Thoracic<br>sympathetic chain,<br>splanchnic nerves | BI4.2 –DL<br>Metabolism of fatty<br>acids -synthesis       | PY DLPY 6.3<br>TRANSPORT OF<br>RESPIRATORY<br>GASES OXYGEN      | AN Dissection 23.5, 23.6 –<br>Thoracic sympathetic chain,<br>splanchnic nerves |                | PY 2.12.<br>ESR OSMOTIC FRAGILITY<br>AND INDICES AND<br>HAEMATOCRIT      |
|                   | Day 3<br>WEDNESDAY | AN 24.1 – The pleurae   | PY TUTORIALS PY 6.2<br>MECHANISM OF RESPIRATION            |   | AN Dissection 24.1 – The<br>pleurae  |                | BI11.9<br>Estimation of HDL-<br>cholesterol                              |
|                   | Day 4<br>THURSDAY  | BI4.2-DL<br>Ketone bodies metabolism                                | PY 6.3<br>TRANSPORT OF RESPIRATORY GASES<br>CARBON DIOXIDE |   | Assessment-BI<br>Written/ Viva voce/MCQ's                                      |                | AN - SGD 24.2, 24.3 – Lungs<br>and bronchopulmonary<br>segments          |
|                   | Day 5<br>FRIDAY    | PY DL<br>PY 6.2<br>REGULATION OF<br>RESPIRATION                     | AN 25.6 -<br>Development of<br>aortic arches               | ECE-BI<br>Ward GM /Case study of Hypertension/ CVD              |  |                | PY 6.2 SGD<br>REGULATION OF<br>RESPIRATION                               |
|                   | Day 6<br>SATURDAY  | Sports/ Extracurricular<br>activity                                 | BI6.6-SDL<br>Thermodynamics                                | AN 25.5 -<br>Developmental<br>anomalies of the<br>great vessels | AETCOM   |                | BI6.6 - SGD<br>Electron transport chain                                  |

| Nov<br>Week<br>12 | Day                | 8-9AM   | 9-10AM   | 10-11 AM  | 11AM-1.00 PM  | 1-2PM          | 2-4PM   |
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|                   | Day 1<br>MONDAY    | PY 6.4 DL<br>PHYSIOLOGY OF HIGH<br>ALTITUDE AND DEEP SEA<br>DIVING              | AN - SDL SDL25.4<br>ASD,VSD,Fallot's<br>tetralogy,<br>PDA,coarctation of aorta | AN 24.2, 24.3 –<br>Lungs and<br>broncho-<br>pulmonary<br>segments                                 | AN Dissection 24.5, 24.6<br>- Phrenic nerve, blood<br>supply to lungs, trachea                            | Lunch<br>break | Practicals- Batches A,B,C<br><br>AN 25.7, 25.8 – Radiology<br>of the thorax                   |
|                   | Day 2<br>TUESDAY   | AN 24.5, 24.6 - Phrenic<br>nerve, blood supply to<br>lungs, trachea             | BI6.6 -DL<br>Oxidative<br>phosphorylation                                      | PY DL PY 6.4<br>PHYSIOLOGY OF<br>HIGH ALTITUDE<br>AND DEEP SEA<br>DIVING                          | AN 25.9 - Surface<br>marking of the thoracic<br>structures  |                | PY 3.18<br>AMPHIBIAN NERVE<br>MUSCLE EXPERIMENTS  |
|                   | Day 3<br>WEDNESDAY | AN 71.1,2 – Hist- Bone,<br>cartilage  | PY TUTORIALS<br>PY6.3<br>TRANSPORT OF RESPIRATORY GASES                        |   | AN 4.2, 24.3 – Lungs and<br>bronchopulmonary<br>segments  |                | BI11.19 Principles and<br>applications of instruments<br>used in a biochemistry<br>laboratory |
|                   | Day 4<br>THURSDAY  | BI3.1 –DL Classification of<br>carbohydrates, structures<br>and their functions | PY DL PY 6.6<br>PATHOPHYSIOLOGY OF<br>DYSPOEA HYPOXIA                          | PY DL PY6.6<br>CYANOSIS &<br>ASPHYXIA   | AETCOM  |                | AN - SGD 53.1 to 53.4<br>Hip bone, pelvis<br>demonstration                                    |
|                   | Day 5<br>FRIDAY    | PY DL PY 6.4<br>DROWNING AND<br>PERIODIC BREATHING                              | AN 25.6 - Development<br>of major veins of the<br>thorax                       | BI8.1 SDL<br>Importance of<br>various dietary<br>components and<br>importance of<br>dietary fibre | PY SDL<br>PY 11.7<br>PHYSIOLOGY OF AGEING<br>ANTIOXIDANTS   |                | PY – SGD<br>PY 6.3 & REGULATION OF<br>RESPIRATION   |
|                   | Day 6<br>SATURDAY  | Sports/ Extracurricular<br>activity   | PY- SDL<br>PY 6.5 ACCLIMATIZATION<br>AND DECOMPRESSION<br>SICKNESS             | AN 53.1 to 53.4 –<br>Sacrum<br>demonstration  | CM1.5 DL&SGD<br>Describe about the<br>concepts of control<br>Describe about the<br>concepts of prevention |                | BI3.2 & BI3.3-SGD<br>Processes involved in<br>digestion and assimilation<br>of carbohydrates  |

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| Dec<br>Week<br>13 | Day                | 8-9AM  | 9-10AM   | 10-11 AM   | 11AM-1.00 PM  | 1-2PM          | 2-4PM  |
|                   | Day 1<br>MONDAY    | PY DL PY 6.7<br>LUNG FUNCTION TESTS AND<br>CLINICAL SIGNIFICANCE                 | AN – SDL 44.1<br>umblicus and its<br>importance  | AN t52.4 to 52.8 -<br>Development of<br>the abdominal<br>organs - GIT                  | AN 53.1 to 53.4 – Lumbar<br>vertebrae demonstration   | Lunch<br>break | Practicals- Batches A,B,C<br><br>AN 52.2 – Hist – Vas<br>deferens, prostate, penis     |
|                   | Day 2<br>TUESDAY   | AN 44.1 - Planes and regions<br>of the anterior abdominal wall                   | BI5.3-DL VI-Paed<br>Processes involved<br>in digestion and<br>absorption of<br>dietary proteins  | PY DL PY 4.1<br>STRUCTURE<br>FUNCTIONS OF<br>DIGESTIVE SYSTEM                          | AN Dissection 44.1 -<br>Planes and regions of the<br>anterior abdominal wall                        |                | PY 3.18<br>AMPHIBIAN NERVE MUSCLE<br>EXPERIMENTS                                       |
|                   | Day 3<br>WEDNESDAY | AN 44.2 – Vessels and nerves,<br>fascia of the anterior<br>abdominal wall        | PY TUTORIALS<br>PY 6.6<br>DYSNNOEA AND HYPOXIA   |  | AN Dissection 44.2 –<br>Vessels and nerves, fascia<br>of the anterior abdominal<br>wall             |                | BI11.18<br>Discuss the principles of<br>spectrophotometry                              |
|                   | Day 4<br>THURSDAY  | BI4.2 –DL Processes involved<br>in digestion and absorption of<br>dietary lipids | PY DL PY 4.1<br>STRUCTURE AND<br>FUNCTIONS OF GIT  | PY DL PY 4.6<br>GUT-BRAIN AXIS   | Assessment –AN<br>Written/ Viva voce/MCQ's  |                | AN - SGD 44.3 – Rectus<br>sheath   |
|                   | Day 5<br>FRIDAY    | PY DL<br>PY 4.2<br>FUNCTIONS AND REGULATION<br>OF SALIVA AND GASTRIC JUICE       | AN 52.4 to 52.8 -<br>Development of the<br>abdominal organs<br>GIT, Urinary system   | ECE-AN<br>Umbilical hernia, Ascitis  |   |                | PY – SGD<br>PY 5.12<br>AUTONOMIC FUNCTION<br>TESTS                                     |
|                   | Day 6<br>SATURDAY  | Sports/ Extracurricular activity   | BI3.4 & BI3.5 BI3.7<br>–SDL. Glycolytic<br>pathway, regulation<br>&associated<br>disorders. Poisons<br>that inhibit crucial<br>enzymes | AN 52.4 to 52.8 -<br>Development of<br>the abdominal<br>organs – Urinary<br>structures | CM1.5-SGD<br>Modes of intervention<br>Describe about<br>International Classification<br>of diseases |                | BI3.4 & BI3.5 - SGD<br>Gluconeogenesis pathway<br>regulation, &associated<br>disorders |

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| Dec<br>Week<br>14 | Day                | 8-9AM   | 9-10AM   | 10-11 AM  | 11AM-1.00 PM   | 1-<br>2PM      | 2-4PM  |
|                   | Day 1<br>MONDAY    | PY DL<br>PY 4.2 FUNCTIONS AND<br>REGULATION OF GASTRIC<br>JUICE           | AN – SDL 44.4<br>inguinal ligament   | AN 44.4, 44.5 –<br>Inguinal canal   | AN Dissection44.4,<br>44.5 –VI - G.S. -<br>Inguinal canal  | Lunch<br>break | Practicals- Batches A,B,C<br><br>52.2 – Hist – Uterine tube,<br>placenta, umbilical cord       |
|                   | Day 2<br>TUESDAY   | AN 44.6, 44.7 – Muscles of<br>the anterior abdominal<br>wall, incisions   | BI3.4 -DL<br>Glycogen<br>metabolism  | PY DL<br>PY 4.2<br>FUNCTIONS AND<br>REGULATION OF<br>PANCREATIC JUICE                       | AN Dissection 44.6,<br>44.7 – Muscles of the<br>anterior abdominal<br>wall, incisions  |                | PY 3.18<br>AMPHIBIAN NERVE MUSCLE<br>EXPERIMENTS PY 3.18                                       |
|                   | Day 3<br>WEDNESDAY | AN 45.1, 45.3 -<br>Thoracolumbar fascia, back<br>muscles                  | PY TUTORIALS<br>PY 4.1 & 4.6<br>INTRODUCTION AND INNERVATION OF GIT                |   | AN Dissection 45.2 –<br>Lumbar plexus  |                | BI11.17 Explain the basis<br>and rationale of biochemical<br>tests done in pancreatitis,       |
|                   | Day 4<br>THURSDAY  | BI3.4 -DL<br>Regulation & disorders of<br>Glycogen metabolism             | PY DL PY 4.7<br>FUNCTIONS OF<br>LIVER  | PYDL PY 4.7<br>FUNCTIONS OF GALL<br>BLADDER   | Assessment -PY   |                | AN - SGD 46.1, 46.2, 46.3 -<br>Testis, epididymis, penis                                       |
|                   | Day 5<br>FRIDAY    | PYDL<br>PY 4.2<br>FUNCTIONS OF INTESTINAL<br>JUICES AND BILE<br>SECRETION | AN 46.1, 46.2, 46.4<br>-Testis, epididymis,<br>varicocoele                         | ECE –PY<br>VISIT TO GENERAL MEDICINE WARD FOR GIT<br>CASE STUDIES                           |  |                | PY – SGD<br>PY 4.5 GIT HORMONES  |
|                   | Day 6<br>SATURDAY  | Sports/ Extracurricular<br>activity                                       | PY- SDL<br>PY 4.8<br>GASTRIC FUNCTION<br>TESTS LFT<br>EXOCRINE<br>PANCREATIC TESTS | AN 52.4 to 52.8 -<br>Development of the<br>abdominal organs –<br>Male genital<br>structures | CM1.6-SGD<br>Describe about the<br>concepts, the<br>principles of Health<br>promotion and<br>education, IEC&BCC in<br>health |                | BI3.6 , BI3.7 -SGD<br>TCA cycle and its regulation,<br>Poisons that inhibit crucial<br>enzymes |

| Dec<br>Week<br>15 | Day                    | 8-9AM   | 9-10AM   | 10-11 AM                                     | 11AM-1.00 PM  | 1-2P<br>M              | 2-4PM  |
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|                   | Day 1<br>MONDAY        | PYDL PY4.3<br>GIT MOVEMENTS   | AN – SDL52.4-8<br>mesonephric and<br>paramesonephric ducts                             | AN 46.3, 46.5 -<br>Penis and<br>circumcision | AN Dissection 47.2 -<br>Peritoneal folds  | Lun<br>ch<br>bre<br>ak | Practicals- Batches A,B,C<br>AN 52.2 – Hist – Ovary, uterus  |
|                   | Day 2<br>TUESDAY       | AN 47.2 - Peritoneal folds  | BI3.4 -DL<br>HMP shunt pathway   | PY DL<br>PY 4.3<br>GIT MOVEMENTS             | AN Dissection 47.1 –<br>Parts of peritoneal<br>cavity   |                        | PY 3.18<br>AMPHIBIAN CARDIAC<br>MUSCLE EXPERIMENTS   |
|                   | Day 3<br>WEDNESDA<br>Y | AN 47.3, 47.4 - Ascites,<br>peritonitis, subphrenic<br>abscess  | PY TUTORIALS<br>PY 4.2<br>GIT SECRETIONS   |  | AN Dissection 47.5 –<br>Orientation of viscera<br>of abdomen  |                        | BI11.12<br>Demonstrate the estimation<br>of serum bilirubin  |
|                   | Day 4<br>THURSDAY      | BI3.8-DL <b>VI-GM</b><br>Discuss and interpret<br>laboratory results of<br>analytes associated with<br>metabolism of<br>carbohydrates | PY DL PY4.3<br>GIT MOVEMENTS   | PY DL PY 4.3<br>GIT MOVEMENTS                | Assessment –BI<br>Written/ Viva<br>voce/MCQ's   |                        | AN 52.2 – Hist – Ovary,<br>uterus  |
|                   | Day 5<br>FRIDAY        | PY DL PY 4.5<br>GIT HORMONES  | AN 47.5 - Duodenum   | PY REVISION<br>PY 2.3<br>JAUNDICE            | BI6.13 & BI6.14, BI6.5<br>-SGD Liver functions,<br>& abnormalities,<br>bilirubin metabolism<br>Biochemical role of<br>vitamin K |                        | PY – SGD<br>PY 4.9<br>CLINICAL ASPECT OF GIT   |
|                   | Day 6<br>SATURDAY      | Sports/ Extracurricular<br>activity   | BI8.2 –SDL<br>Types and causes of<br>protein energy<br>malnutrition and its<br>effects | AN 47.5 Pancreas                             | AETCOM  |                        | BI6.15, BI11.17 –SGD<br>Liver function tests.<br>Explain the basis and rationale<br>of biochemical tests done in<br>jaundice, liver diseases |
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| Dec<br>Week<br>16 | Day                | 8-9AM  | 9-10AM  | 10-11 AM                                       | 11AM-1.00 PM  | 1-2PM          | 2-4PM  |
|                   | Day 1<br>MONDAY    | PY DL PY 7.1<br>STRUCTURE AND FUNCTION<br>OF KIDNEY                          | AN - SDL Intestines   | AN 47.5 -Liver                                 | 47.5 – Stomach, spleen,<br>pancreas, duodenum   | Lunch<br>break | Practicals- Batches A,B,C<br><br>AN 52.3 – Hist –<br>Cardiooesophageal junction,<br>corpus luteum<br><br>PY 3.18<br>AMPHIBIAN CARDIAC<br>MUSCLE EXPERIMENTS PY<br>3.18 |
|                   | Day 2<br>TUESDAY   | AN 47.5 – Kidneys  | BI6.13, BI11.3-DL<br>Renal functions,<br>Describe the<br>chemical<br>components of<br>normal urine. | PY DL<br>PY 7.1<br>RENAL BLOOD<br>FLOW         | AN Dissection 47.8 – Portal<br>vein, IVC, Renal veins   |                | BI11.8 , BI11.22<br>Estimation of serum<br>albumin and calculate A:G<br>ratio  |
|                   | Day 3<br>WEDNESDAY | AN 47.6, 47.7 – Applied<br>anatomy of abdominal<br>organs, Calot’s triangle  | PY TUTORIALS<br>PY4.5 & 4.9<br>GIT HORMONES AND CLINICALASPECT                                      |  | AN Dissection 47.9 -<br>Ventral branches of the<br>abdominal aorta, common<br>iliac artery  |                | AN - SGD 47.12, 47.13,<br>47.14 – Diaphragm,<br>sympatheti c plexuses  |
|                   | Day 4<br>THURSDAY  | BI11.2 -DL<br>Describe the preparation of<br>buffers and estimation of<br>pH | PY DL PY 7.2<br>JUXTA GLOMERULAR APPARATUS AND<br>RAS   |  | Linker<br>Liver abnormalities & tests<br>Case of jaundice   |                | PY – SGD<br>PY 7.2<br>REGULATION OF<br>GLOMERULAR FILTRATION<br>RATE   |
|                   | Day 5<br>FRIDAY    | PY DL PY 7.2<br>GLOMERULAR FILTRATION<br>RATE AND FACTORS<br>AFFECTING       | AN 47.10, 47.11 –<br>Portosystemic<br>anastomoses etc   | ECE – BI<br>Pead ward – Neonatal Jaundice case |   |                | BI6.7 -SGD<br>Maintenance of normal pH,<br>and the derangements<br>associated with these   |
|                   | Day 6<br>SATURDAY  | Sports/ Extracurricular<br>activity  | PY-SDL<br>PY 4.4 DIGESTION<br>AND ABSORBTION  | AN 47.13, 47.14 –<br>The diaphragm             | CM1.7-DL&SGD<br>Enumerate Health<br>indicators. Describe about<br>characteristics<br>of health indicators.<br>Describe in detail about<br>mortality & morbidity<br>indicators |                |  |

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| Jan<br>Week<br>17 | Day                | 8-9AM  | 9-10AM  | 10-11 AM  | 11AM-1.00 PM  | 1-2PM          | 2-4PM   |
|                   | Day 1<br>MONDAY    | PY DL<br>PY 7.3<br>TUBULAR FUNCTIONS   | AN – SDL53.4 bony<br>pelvis   | AN 48.3, 48.4 –<br>Internal iliac artery,<br>sacral plexus                                    | AN Dissection 48.1 –<br>Pelvic diaphragm                              | Lunch<br>break | Practicals- Batches A,B,C<br>AN 54.1, 2, 3 – Radiology of<br>the abdomen                      |
|                   | Day 2<br>TUESDAY   | AN 48.5 – Pelvic viscera,<br>Uterus  | BI6.7 -DL<br>Maintenance of<br>normal pH, and the<br>derangements<br>associated with these                      | PY DL<br>PY 7.3<br>TUBULAR FUNCTIONS  | AN Dissection 48.2 –<br>Pelvic viscera                                |                | PY 3.14<br>PERFORM ERGOGRAPHY   |
|                   | Day 3<br>WEDNESDAY | AN 48.5, 48.6, 48.7 –<br>Urinary bladder, prostate   | PY TUTORIALS<br>PY 7.2<br>JGA AND RAS   |   | AN Dissection 48.3, 48.4<br>– Internal iliac artery,<br>sacral plexus |                | BI11.4 Perform urine analysis<br>to estimate and determine<br>normal constituents             |
|                   | Day 4<br>THURSDAY  | BI11.17, BI6.8-DL Basis and<br>rationale of bio -chemical<br>tests done in disorders of<br>acid- base balance. Discuss<br>and interpret results of<br>Arterial Blood Gas (ABG)<br>analysis in various disorders. | PY DL<br>PY 7.3 CLINICAL<br>ASPECT OF TUBULAR<br>FUNCTIONS  | PY DL PY 7.3<br>REGULATION OF IONS<br>AND WATER<br>REABSORPTION                               | Assessment –AN<br>Written/ Viva<br>voce/MCQ's                         |                | AN - SGD 49.1 - Perineal<br>pouches   |
|                   | Day 5<br>FRIDAY    | PY DL PY 7.3<br>MECHANISM OF URINE<br>FORMATION AND DILUTION   | AN49.1 - Perineal<br>pouches  | ECE –AN<br>Inguinal hernia, Prolapse of the uterus  |   |                | PY – SGD<br>PY 7.3<br>MECHANISM OF URINE<br>FORMATION AND DILUTION<br>,DIURESIS AND DIURETICS |
|                   | Day 6<br>SATURDAY  | Sports/ Extracurricular<br>activity  | BI6.7 -SDL<br>Maintenance of<br>water & electrolyte<br>balance of body<br>fluids and associated<br>derangements | AN 52.4 to 52.8 -<br>Development of the<br>abdominal organs –<br>Female genital<br>structures | CM1.7-DL &SGD<br>Describe in detail about<br>other health indicators  |                | BI6.14 , BI6.15 - SGD<br>Abnormalities of renal glands<br>Tests to assess renal functions     |

| Jan<br>Week<br>18 | Day                | 8-9AM   | 9-10AM  | 10-11 AM  | 11AM-1.00 PM   | 1-2PM          | 2-4PM  |
|-------------------|--------------------|---|---|---|--|----------------|--|
|                   | Day 1<br>MONDAY    | PY DL PY 7.5<br>ACIDIFICATION OF URINE  | AN – SDL 48.5 supports<br>of uterus   | AN 52.4 to 52.8 -<br>Development of the<br>abdominal organs                         | AN Dissection 49.1, 2, 3<br>– Urogenital region  | Lunch<br>break | Practicals- Batches A,B,C<br>AN 55.1, 2 – Surface anatomy<br>of the abdomen  |
|                   | Day 2<br>TUESDAY   | AN 49.4, 5 – Anal region  | BI6.9 -DL<br>Minerals, Na, K, Cl<br>their metabolism,<br>homeostasis<br>and associated<br>disorders | PY DL PY 7.5<br>ACIDIFICATION OF<br>URINE P   | AN Dissection 49.4, 5 –<br>Anal region   |                | PY 3.14<br>PERFORM ERGOGRAPHY  |
|                   | Day 3<br>WEDNESDAY | AN 50.1, 3, 4 - Vertebral<br>column, applied anatomy  | PY TUTORIALS<br>PY 7.3<br>MECHANISM OF URINE FORMATION  |   | AN Dissection 50.2 -<br>Joints of the vertebral<br>column, pelvis  |                | BI11.4 , BI11.20 Estimate and<br>determine abnormal<br>Constituents of urine.<br>Interpret the findings and<br>correlate these with<br>pathological states |
|                   | Day 4<br>THURSDAY  | BI11.17-DL Explain the<br>basis and rationale of<br>biochemical tests done in<br>renal failure, proteinuria<br>nephrotic syndrome | PY<br>PY 7.6<br>PHYSIOLOGY OF<br>MICTURITION  | PY<br>PY 7.9<br>CYSTOMETRY AND<br>CYSTOMETROGRAM                                    | Assessment –PY<br>Written/ Viva<br>voce/MCQ's  |                | AN - SGD 51.1, 2 - Planes<br>of the abdomen, pelvis<br>section   |
|                   | Day 5<br>FRIDAY    | PY DL PY 7.4<br>RENAL CLEARANCE   | AN 52.4 to 52.8 -<br>Development of the<br>abdominal organs GIT,<br>Urinary system                  | ECE –PY<br>VISIT TO HOSPITAL TO STUDY DIALYSIS<br>HEMODIALYZER                      |  |                | PY – SGD<br>PY 7.7 RENAL FAILURE<br>DIALYSIS RENAL<br>TRANSPLANTATION  |
|                   | Day 6<br>SATURDAY  | Sports/ Extracurricular<br>activity   | PY- SDL<br>PY 7.8<br>RENAL FUNCTION<br>TESTS  | AN 52.4 to 52.8 -<br>Development of the<br>abdominal organs –<br>Urinary structures | CM1.7-DL & SDG<br>Describe in detail about<br>Health of all indicators.<br>Describe in detail about<br>MDG, SDG indicators |                | BI11.16 -SGD<br>Observe use of pH Meter,<br>Electrolyte analysis by ISE &<br>ABG analyzer  |

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| Jan<br>Week<br>19 | Day                | 8-9AM  | 9-10AM   | 10-11 AM  | 11AM-1.00 PM                               | 1-2PM          | 2-4PM   |
|                   | Day 1<br>MONDAY    | PY DL PY 10.1 FUNCTIONAL ORGANIZATION OF THE NERVOUS SYSTEM                | AN – SDL 26.1 identification of skull bones                        | AN 26.2 – Norma lateralis   | AN 26.2 – Norma Basalis, occipitalis       | Lunch<br>break | Practicals- Batches A,B,C<br>AN 26.2 – Norma frontalis, verticalis  |
|                   | Day 2<br>TUESDAY   | AN 26.4 – Mandible demonstration   | Linker<br>Renal functions,<br>test-case of renal failure           | PYDL<br>PY 10.2 SYNAPTIC TRANSMISSION                                       | AN 26.3 – Cranial cavity                   |                | PY 3.15 EFFECT OF MILD MODERATE SEVERE EXERCISE ICARDIO RESPIRATORY PARAMETERS                              |
|                   | Day 3<br>WEDNESDAY | AN 26.6 – Concept of bones that ossify in membrane                         | PY TUTORIALS<br>PY 7.7 & 7.9<br>CLINICALASPECT OF RENAL SYSTEM     |   | AN 26.5, 7 – Cervical vertebrae            |                | BI11.7, BI11.21, BI11.22<br>Demonstrate estimation of creatinine in serum<br>Calculate creatinine clearance |
|                   | Day 4<br>THURSDAY  | BI6.5-DL<br>Biochemical role of vitamin Thiamine& its deficiencies         | PY DL PY 10.2<br>SYNAPTIC TRANSMISSION                             | PY – SGD<br>PHYSIOLOGY OF RECEPTORS AND SENSORY COMMUNICATION TO SPINA CORD | Assessment –BI<br>Written/ Viva voce/MCQ's |                | AN - SGD 27.1 – Scalp   |
|                   | Day 5<br>FRIDAY    | PY – DL<br>PHYSIOLOGY OF RECEPTORS AND SENSORY COMMUNICATION TO SPINA CORD | AN 27.1 - Scalp  | ECE –BI<br>Case studies/Videos- Vitamins deficiencies                       |  |                | PY SGD<br>PY – DL<br>PHYSIOLOGY OF RECEPTORS AND SENSORY COMMUNICATION TO SPINA CORD                        |
|                   | Day 6<br>SATURDAY  | Sports/ Extracurricular activity   | BI6.5-SDL<br>Biochemical role of vitamin Niacin & its deficiencies | AN 27.1 - Scalp   | AETCOM                                     |                | BI6.5 –SGD<br>Biochemical role of vitamin pyridoxine & its deficiencies                                     |

| Jan<br>Week<br>20 | Day                | 8-9AM  | 9-10AM   | 10-11 AM  | 11AM-1.00 PM  | 1-2PM          | 2-4PM   |
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|                   | Day 1<br>MONDAY    | PY DL<br>PY 10.3<br>ASCENDING PATHWAYS   | AN – SDL27.1 scalp   | AN 27.1 – Scalp,<br>applied anatomy                                 | AN Dissection 27.1 - Scalp  | Lunch<br>break | Practicals- Batches A,B,C<br><br>AN 52.2 – Hist – Testis,<br>epididymis   |
|                   | Day 2<br>TUESDAY   | AN 28.1, 6 – Muscles of<br>facial expression                                   | BI6.5 -DL<br>Biochemical role of<br>vitamin Riboflavin<br>& its deficiency | PY DL<br>PY 10.3<br>ASCENDING<br>PATHWAYS                           | AN 28.1, 2, 3, 6 –<br>Dissection of the Face                          |                | PY 3.16<br>HARVARD STEP TEST  |
|                   | Day 3<br>WEDNESDAY | AN 28.2 – Sensory<br>innervation of the face                                   | PY TUTORIALS<br>PY 10.3<br>ASCENDING PATHWAYS                              |   | AN 28.1, 2, 3, 6 –<br>Dissection of the Face                          |                | .BI11.15 Composition of<br>CSF & Interpretation of<br>laboratory data   |
|                   | Day 4<br>THURSDAY  | BI6.5 –DL Biochemical role<br>of vitamin pantothenic acid<br>& its deficiency  | PY – SGDPY 10.3<br>PHYSIOLOGY OF PAIN AND ANALGESIC<br>SYSTEM              |   | AETCOM  |                | AN - SGD 28.1, 2, 3, 6 –<br>Dissection of the Face  |
|                   | Day 5<br>FRIDAY    | PY DL PY- SDL<br>PY 10.6 LESIONS OF SPINAL<br>CORD AND SENSORY<br>DISTURBANCES | AN 28.3, 8 –VI - G.S.-<br>Vessels on the face,<br>deep facial vein         | LINKER  | AN<br>Revision  |                | PY – SGD<br>PY 10.7 THALAMUS AND<br>SENSORY CORTEX  |
|                   | Day 6<br>SATURDAY  | Sports/ Extracurricular<br>activity  | PY SDL<br>PY 10.7 THALAMUS<br>AND SENSORY<br>CORTEX                        | AN 28.4, 7 – Facial<br>nerve and its<br>distribution on the<br>face | CM1.7 –DL&SGD<br>Describe in detail about<br>special indicator series |                | BI6.5 –SGD Biochemical<br>role of vitamin Biotin & its<br>deficiency<br>Role of dietary nutrients in<br>metabolic processes |
|                   |                    |  |  |   |   |                |   |

| Feb<br>Week<br>21 | Day                | 8-9AM   | 9-10AM   | 10-11 AM   | 11AM-1.00 PM   | 1-2PM          | 2-4PM   |
|-------------------|--------------------|---|--|--|--|----------------|---|
|                   | Day 1<br>MONDAY    | PY DL PY 10.4<br>FUNCTIONAL<br>ORGANIZATION OF<br>MOTOR SYSTEM                        | AN – SDL 28.5<br>lymphatic drainage of<br>face, head and neck                      | AN 28.9 – Parotid<br>gland, Frey’s<br>syndrome                                 | AN Dissection 28.9 –<br>Parotid gland  | Lunch<br>break | Practicals- Batches A,B,C<br><br>AN 52.2 – Hist –<br>Kidney, ureter, urinary<br>bladder |
|                   | Day 2<br>TUESDAY   | AN 29.1, 2, 3 –<br>Sternocleidomastoid, Erb’s<br>and Klumpke’s paralysis,<br>wry neck | BI5.4 –DL Aminoacids<br>classification,<br>Formation & disposal<br>of Ammonia      | PY DL PY 10.4<br>MUSCLE SPINDLE<br>GOLGI TENDON<br>ORGAN ND<br>SPINAL REFLEXES | AN Dissection 29.1 to 29.4<br>– Posterior triangle of the<br>neck  |                | PY 3.15 & 3.16<br>Revision practicals   |
|                   | Day 3<br>WEDNESDAY | AN 29.4 – Scalenus<br>anterior, scalenusmedius,<br>omohyoid, levator<br>scapulae      | PY TUTORIALS<br>PY 10.4<br>MOTOR SYSTEM  |  | AN Dissection 29.1 to 29.4<br>– Posterior triangle of the<br>neck  |                | BI11.21 Demonstrate<br>estimation of urea in<br>serum                                   |
|                   | Day 4<br>THURSDAY  | BI5.4 -DL<br>Formation & disposal of<br>Ammonia, Urea cycle<br>disorders              | PY DL PY 10.4<br>MUSCLE SPINDLE<br>GOLGI TENDON<br>ORGAN ND SPINAL<br>REFLEXES     | PY- SDL PY 10.4<br>PROPERTIES OF<br>SPINAL REFLEXES                            | Assessment –AN<br>Written/ Viva voce/MCQ’s   |                | AN - SGD 30.1 to 30.5 –<br>Cranial cavity   |
|                   | Day 5<br>FRIDAY    | PY DL PY 10.4<br>DESCENDING PATHWAYS  | AN 30.1, 2 – Cranial<br>fossae and structures<br>passing through their<br>foramina | ECE-AN<br>Facial (Bell's) Palsy  |  |                | PY SGD<br>PY 10.34<br>DESCENDING PATHWAYS   |
|                   | Day 6<br>SATURDAY  | Sports/ Extracurricular<br>activity   | BI5.4 -SDL<br>Phenylalanine &<br>tyrosine metabolism<br>&disorders                 | AN 30.3, 4 – Dural<br>venous sinuses,<br>cavernous sinus                       | CM1.8-DL&SGD<br>Describe about the<br>demographic cycle<br>Discuss about the world<br>population trends<br>Discuss about the<br>demographic trends in<br>India. Describe about the<br>demographic indicators<br>and its impact on health |                | BI5.4 -SGD<br>Important compounds<br>obtained from tyrosine<br>metabolism               |

| Feb<br>Week<br>22 | Day                | 8-9AM  | 9-10AM  | 10-11 AM  | 11AM-1.00 PM   | 1-2PM          | 2-4PM   |
|-------------------|--------------------|--|---|---|--|----------------|---|
|                   | Day 1<br>MONDAY    | PY DL PY 10.4<br>REGULATION OF POSTURE<br>AND MOVEMENT       | AN – SDL 30.4 cavernous<br>sinus                                      | AN 30.5 – Pituitary<br>gland, effects of<br>pituitary tumours on<br>visual pathway                    | AN Dissection 30.1 to<br>30.5 – Cranial cavity   | Lunch<br>break | Practicals- Batches A,B,C<br><br>AN 43.2 – Hist – Pituitary,<br>thyroid, parathyroid glands |
|                   | Day 2<br>TUESDAY   | AN 31.1 – Extraocular<br>muscles of the orbit                | BI5.4 -DL<br>Methionine & cysteine<br>metabolism                      | PY DL PY 11.1 &11.2<br>TEMPERATURE<br>REGULATION AND<br>ADAPTATION TO<br>VARIATIONS OF<br>TEMPERATURE | AN Dissection 31.1 to<br>31.5 - Orbit  |                | PY 5.12<br>EFFECT OF POSTURE AND<br>EXERCISE ON PULSE RATE<br>AND BLOOD PRESSURE            |
|                   | Day 3<br>WEDNESDAY | AN 31.2 – Vessels and<br>nerves in the orbit                 | PY TUTORIALS<br>PY 10.4<br>MOTOR SYSTEM                               |   | AN Dissection 31.1 to<br>31.5 - Orbit  |                | BI11.16<br>Observe use of Paper<br>chromatography of amino<br>acid                          |
|                   | Day 4<br>THURSDAY  | BI5.4 -DL<br>Methionine & cysteine<br>metabolism & disorders | PY – SGD<br>PY 10.4<br>CORTICAL INTEGRATION CORTICAL MOTOR AREAS      |   | Assessment-PY<br>Written/ Viva<br>voce/MCQ's   |                | AN - SGD 31.1 to 31.5 - VI -<br><b>Oph-</b> Orbit   |
|                   | Day 5<br>FRIDAY    | PY DL PY 10.5<br>RETICULAR ACTIVATING<br>SYSTEM              | AN 31.2, 3 – Vessels and<br>nerves in the orbit,<br>Horner's syndrome | ECE-PY<br>VISIT TO NEUROLOGY DEPARTMENT TO STUDY<br>NEUROLOGICAL ABNORMALITIES                        |  |                | PY SGD<br>PY 10.7<br>BASAL GANGLIA  |
|                   | Day 6<br>SATURDAY  | Sports/ Extracurricular<br>activity                          | PY DL PY 10.7<br>BASAL GANGLIA  | AN 31.4 – Lacrimal<br>apparatus   | CM1.9-DOAP<br>Describe about the<br>communication skills<br>Demonstration of the<br>role of effective<br>Communication skills in<br>health |                | Tutorials-SGD<br>Amino acid metabolism  |

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| Feb<br>Week<br>23 | Day                | 8-9AM  | 9-10AM  | 10-11 AM  | 11AM-1.00 PM  | 1-2PM          | 2-4PM  |
|                   | Day 1<br>MONDAY    | PY – DL<br>PY 10.5<br>AUTONOMIC NERVOUS<br>SYSTEM                    | AN – SDL – 31.5 –<br>Ciliary ganglion   | AN 31.5 – Oculomotor,<br>trochlear, abducent palsies<br>along with strabismus | AN Dissection 32.1,<br>2 – Anterior triangle<br>of neck | Lunch<br>break | Practicals- Batches A,B,C<br><br>AN 43.2 – Hist – Tongue,<br>salivary glands, tonsil |
|                   | Day 2<br>TUESDAY   | AN 32.1 – Boundaries,<br>subdivisions of anterior<br>triangle        | BI5.4 -DL<br>Arginine metabolism<br>&disorders  | PY DL<br>PY 10.5<br>AUTONOMIC NERVOUS<br>SYSTEM                               | AN Dissection 32.1,<br>2 – Anterior triangle<br>of neck |                | PY 5.12<br>EFFECT OF POSTURE AND<br>EXERCISE ON PULSE RATE<br>AND BLOOD PRESSURE     |
|                   | Day 3<br>WEDNESDAY | AN 32.2 – Digastric,<br>carotid, muscular and<br>submental triangles | PY TUTORIALS<br>PY 10.5<br>AOTONOMIC NERVOUS SYSTEM   |   | AN Dissection 32.1,<br>2 – Anterior triangle<br>of neck |                | BI11.5<br>Describe the use of Paper<br>chromatography of amino<br>acid               |
|                   | Day 4<br>THURSDAY  | BI5.4 -DL<br>Histidine metabolism<br>&disorders                      | PY – SDL<br>PY 11.4<br>EFFECTS OF TRAINING  | PY DL<br>PY 10.7<br>CEREBRAL CORTEX   | Assessment –BI<br>Written/ Viva<br>voce/MCQ's           |                | AN - SGD 33.1 to 33.5 –<br>Temporal and infratemporal<br>regions                     |
|                   | Day 5<br>FRIDAY    | PY 10.7<br>CEREBELLUM  | AN 32.2 – Carotid and<br>muscular triangles   | ECE –BI<br>Ward pediatrics/Case studies of inborn errors                      |   |                | PY 10.7<br>CEREBELLUM  |
|                   | Day 6<br>SATURDAY  | Sports/ Extracurricular<br>activity                                  | BI5.5 -SDL<br>Interpret laboratory<br>results of analytes<br>associated with<br>metabolism of<br>proteins | AN 33.2 – Muscles of<br>mastication   | AETCOM  |                | BI11.5 SGD<br>Describe screening of urine<br>for inborn errors                       |



|                            | Day                | 8-9AM  | 9-10AM   | 10-11 AM  | 11AM-1.00 PM   | 1-2PM          | 2-4PM  |
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| <b>Feb<br/>Week<br/>24</b> | Day 1<br>MONDAY    | PY DL PY 10.4<br>VESTIBULAR<br>APPARATUS   | AN – SDL 33.1 –<br>Mandibular nerve  | AN 33.3, 4, 5 –<br>Temporomandibular<br>joint, pterygoid<br>venous plexus | AN Dissection 33.1 to<br>33.5 – Infratemporal<br>region  | Lunch<br>break | Practicals- Batches A,B,C<br>AN 33.1 – Boundaries and<br>contents of temporal and<br>infratemporal regions |
|                            | Day 2<br>TUESDAY   | AN 34.1 –<br>Submandibular gland   | BI6.1 – DL<br>Metabolic processes<br>in the body in the fed<br>and fasting states. | PY DL PY 10.7<br>HYPOTHALAMUS   | AN Dissection 33.1 to<br>33.5 – Infratemporal<br>region  |                | PY 5.13<br>E.C.G   |
|                            | Day 3<br>WEDNESDAY | AN 34.2 –<br>Submandibular<br>ganglion,<br>submandibular stones                  | PY TUTORIALS<br>10.4 VESTIBULAR APPARATUS  |   | AN Dissection 33.1 to<br>33.5 – Infratemporal<br>region  |                | BI11.16<br>Observe use of TLC  |
|                            | Day 4<br>THURSDAY  | BI6.1 DL<br>Metabolic processes in<br>the body in the fed and<br>fasting states. | PY 10.7<br>HYPOTHALAMUS  |   | AETCOM   |                | AN - SGD 34.1, 2 –<br>Submandibular region   |
|                            | Day 5<br>FRIDAY    | PY – SGD<br>PY 10.7<br>HYPOTHALAMUS  | AN 35.1, 10 – Deep<br>cervical fascia, fascial<br>spaces in the neck               | PY 10.11 & 11.2<br>TEMPERATURE<br>REGULATION AND<br>ADAPTATION            | BI<br>Revision   |                | PY DL PY 10.7<br>LIMBIC SYSTEM   |
|                            | Day 6<br>SATURDAY  | Sports/ Extracurricular<br>activity  | PY DL PY 10.7<br>LIMBIC SYSTEM   | AN 35.2, 8 – Thyroid<br>gland, thyroid<br>swellings                       | CM1.10-AETCOM,DOAP<br>Describe &demonstrate<br>about the aspects of<br>doctor patient<br>relationship Describe<br>about the doctor nurse<br>relationship |                | BI15.4 - Seminar<br>Inborn errors of<br>metabolism   |

| Mar<br>Week<br>25 | Day                | 8-9AM  | 9-10AM  | 10-11 AM   | 11AM-1.00 PM  | 1-2PM          | 2-4PM   |
|-------------------|--------------------|--|---|--|---|----------------|---|
|                   | Day 1<br>MONDAY    | PY DL PY 10.8<br>MECHANISM OF EEG  | AN – SDL – 33.1 –<br>Mandibular nerve   | AN 35.3, 4 –<br>Subclavian artery,<br>internal jugular<br>vein | AN Dissection 35.1 to 35.10<br>– Deep structures in the<br>neck   | Lunch<br>break | Practicals- Batches A,B,C<br><br>AN 43.2 – Hist – epiglottis,<br>cornea, retina |
|                   | Day 2<br>TUESDAY   | AN 35.5, 6 – Deep cervical<br>lymph nodes, cervical part of<br>the sympathetic trunk | BI6.9 -DL<br>Minerals copper,<br>zinc, their<br>metabolism<br>Homeostasis &<br>deficiencies.                            | PY DL PY 10.8<br>EEG DURING SLEEP                              | AN Dissection 35.1 to 35.10<br>– Deep structures in the<br>neck   |                | PY 5.13<br>E.C.G  |
|                   | Day 3<br>WEDNESDAY | AN 35.7 – Last four cranial<br>nerves  | PY TUTORIALS<br>PY 10.7<br>LIMBIC SYSTEM  |  | AN Dissection 35.1 to 35.10<br>– Deep structures in the<br>neck   |                | BI11.16 Observe use of<br>Protein electrophoresis                               |
|                   | Day 4<br>THURSDAY  | BI6.9 -DL<br>Mineral fluoride, metabolism,<br>homeostasis toxicity &<br>deficiency   | PY – SGD<br>PY 10.3<br>SENSORY NERVOUS SYSTEM   |  | AN Dissection 35.1 to 35.10<br>– Deep structures in the<br>neck   |                | AN - SGD 36.1 to 36.5 –<br>Mouth, pharynx and palate                            |
|                   | Day 5<br>FRIDAY    | PY SGD PY 10.4<br>MOTOR NERVOUS SYSTEM   | AN 35.9 – Effects of<br>compression of<br>subclavian artery<br>and lower trunk of<br>brachial plexus by<br>cervical rib | ECE-AN<br>Mumps, Goitre, Dysphagia                             |   |                | PY SGD PY 10.4<br>MUSCLE SPINDLE<br>GOLGITENDON ORGAN AND<br>SPINAL REFLEXES    |
|                   | Day 6<br>SATURDAY  | Sports/ Extracurricular activity   | BI6.9 -SDL<br>Mineral Selenium,<br>Iodine their<br>metabolism<br>homeostasis&<br>deficiency                             | AN36.1 – Palatine<br>tonsil, soft palate<br>theory             | CM2.1 –SGD,DOAP<br>Define family,<br>community.<br>Describe about types of<br>families & role of family in<br>health an d disease |                | BI11.17 –SGD<br>Basis and rationale of<br>biochemical tests done in<br>Edema    |

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| Mar<br>Week<br>26 | Day                | 8-9AM  | 9-10AM  | 10-11 AM   | 11AM-1.00 PM   | 1-2PM                      | 2-4PM   |
|                   | Day 1<br>MONDAY    | PY DL PY 10.9<br>PHYSIOLOGY OF SPEECH                                | AN – SDL – 33.1 –<br>Otic ganglion  | AN 36.2, 4 –<br>Waldeyer’s<br>lymphatic ring,<br>adenoids,<br>tonsillitis    | AN Dissection 36.1 to 36.5 –<br>Mouth, pharynx and palate  | Lunch<br>break             | Practicals- Batches A,B,C   |
|                   | Day 2<br>TUESDAY   | AN 36.3, 5 – Piriform<br>fossa, Killian’s<br>dehiscence              | BI8.4-DL<br>Causes (including<br>dietary habits),<br>associated with being<br>overweight/ obesity | PY DL PY 10.9<br>PHYSIOLOGY OF<br>LEARNING AND<br>MEMORY                     | AN Dissection 36.1 to 36.5 –<br>Mouth, pharynx and palate  |                            | AN 43.2 – Hist – Olfactory<br>epithelium, eyelid,<br>sclerocorneal junction |
|                   | Day 3<br>WEDNESDAY | AN 37.1 – Nasal septum,<br>lateral wall of the nose                  | PY TUTORIALS<br>10.9 LEARNING AND MEMORY  |  | AN Dissection 37.1 to 37.3 –<br>Cavity of the nose   |                            | PY 5.14<br>AUTONOMIC FUNCTION TESTS   |
|                   | Day 4<br>THURSDAY  | BI8.4 -DL<br>Effects associated with<br>being overweight/<br>obesity | PY DL PY 10.9<br>PHYSIOLOGY OF<br>LEARNING AND<br>MEMORY  | PY- SDL<br>PY 10.10<br>PSYCHIATRIC<br>ELEMENY OF<br>CHEMICAL<br>TRANSMISSION | Assessment –PY<br>Written/ Viva voce/MCQ’s   |                            | BI11.16<br>Observe use of PAGE  |
|                   | Day 5<br>FRIDAY    | PY REVISION PY 10.9<br>PHYSIOLOGY OF<br>LEARNING AND<br>MEMORY       | AN 37.2, Paranasal<br>air sinuses,<br>maxillary sinusitis,<br>tumours                             | ECE-PY<br>VISIT TO GYNAECOLGY AND OBSTETRICS<br>DEPARTMENT FOR CASE STUDIES  |  |                            | AN - SGD 37.1 to 37.3 –<br>Cavity of the nose                               |
|                   | Day 6<br>SATURDAY  | Sports/ Extracurricular<br>activity                                  | PY SDL PY 10.12<br>IDENTIFY NORMAL<br>EEG FORMS   | AN 43.4 –<br>Branchial<br>apparatus  | CM2.2-SGD,DOAP<br>Describe about family in<br>health and disease<br>Describe about cultural<br>factors in health and disease |                            | PY – SGD<br>PY 10.4<br>DESCENDING TRACTS                                    |
|                   |                    |  |   |  |  | Tutorials-SGD<br>Nutrition |   |

| Mar<br>Week<br>27 | Day                | 8-9AM   | 9-10AM   | 10-11 AM  | 11AM-1.00 PM                               | 1-2PM          | 2-4PM  |
|-------------------|--------------------|---|--|---|--|----------------|--|
|                   | Day 1<br>MONDAY    | PY DLPY<br>10.5<br>RAS AND ANS  | AN – SDL- 33.1 –<br>Maxillary artery   | AN 38.1 – Muscles<br>of larynx                            | AN Dissection 38.1 to 38.3<br>- Larynx     | Lunch<br>break | Practicals- Batches A,B,C<br><br>AN 43.2 Hist – Optic nerve,<br>organ of corti, pineal gland |
|                   | Day 2<br>TUESDAY   | AN 38.2 – Recurrent<br>laryngeal nerve, injury,<br>laryngitis   | BI8.4 –DL<br>VI-GM ,Paed<br>Health risks<br>associated with<br>being overweight/<br>obesity. | PY DL<br>PY 10.6 SPINAL<br>CORD LESIONS                   | AN Dissection 38.1 to 38.3<br>- Larynx     |                | PY 5.14<br>AUTONOMIC FUNCTION<br>TESTS   |
|                   | Day 3<br>WEDNESDAY | AN 39.1 – Extrinsic muscles<br>of the tongue  | PY TUTORIALS<br>PY 10.5<br>RAS   |   | AN Dissection 39.1, 2 -<br>Tongue          |                | Revision of Practicals<br>BI11.9 , BI11.10   |
|                   | Day 4<br>THURSDAY  | BI8.5 -DL nutritional<br>importance of commonly<br>used items of food<br>including fruits and<br>vegetables | PY DL PY 10.7<br>FUNCTIONAL<br>ANATOMY OF THE<br>EYE   | PY DL PY 10.17<br>PHYSIOLOGY OF<br>IMAGE<br>FORMATION     | Assessment –BI<br>Written/ Viva voce/MCQ's |                | AN - SGD 40.1 to 4.05 –<br>Organs of hearing and<br>equilibrium                              |
|                   | Day 5<br>FRIDAY    | PY DL P 10.7<br>CEREBRAL CORTEX   | AN 39.1, 2 –<br>Intrinsic muscles of<br>the tongue,<br>hypoglossal nerve<br>palsy            | ECE-BI<br>Wards visit – Pediatric/GM/OBG – Dietary advice |  |                | PY SGD PY 10.10<br>NEURO TRANSMITTERS  |
|                   | Day 6<br>SATURDAY  | Sports/ Extracurricular<br>activity   | BI6.5 –SDL<br>Biochemical role of<br>vitamin A in the<br>body                                | AN 40.1 – External<br>ear                                 | AETCOM                                     |                | BI6.5 –SGD<br>Manifestations of vitamin A<br>deficiency                                      |

| Mar<br>Week<br>28 | Day                | 8-9AM  | 9-10AM   | 10-11 AM   | 11AM-1.00 PM   | 1-2PM          | 2-4PM   |
|-------------------|--------------------|--|--|--|--|----------------|---|
|                   | Day 1<br>MONDAY    | PY DL PY 10.17<br>VISUAL REFLEXES                    | AN – SDL – 37.1 –<br>Pterygopalatine<br>ganglion   | AN 40.2 – Middle<br>ear, auditory tube   | AN Dissection 40.1 to 4.05<br>– Organs of hearing and<br>equilibrium   | Lunch<br>break | Practicals- Batches A,B,C   |
|                   | Day 2<br>TUESDAY   | AN 40.3, 4, 5 – Internal ear,<br>otitis, myringotomy | BI6.2 -DL<br>Nucleotide chemistry  | PY DKL PY 10.17<br>COLOUR VISION   | AN Dissection 41.1 to 41.3 -<br>Eyeball  |                | AN 43.6 - Surface projection<br>of- Thyroid gland, Parotid<br>gland and duct, Pterion,<br>Common carotid artery,<br>Internal jugular vein,<br>Subclavian vein, External<br>jugular vein, Facial artery in<br>the face & accessory nerve |
|                   | Day 3<br>WEDNESDAY | AN 41.1 – Parts and layers<br>of the eyeball         | PY TUTORIALS<br>PY 10.17 VISION  |  | AN Dissection 42.1 to 42.3<br>– Back region  |                | PY 5.<br>PLETHYSMOGRAHY   |
|                   | Day 4<br>THURSDAY  | BI6.2- DL<br>Nucleotide chemistry                    | PY – SGDPY 10.18<br>LESIONS IN VISUAL PATHWAY  |  | AETCOM   |                | Revision of Practicals<br>BI11.4 , BI11.20  |
|                   | Day 5<br>FRIDAY    | PY 10.18 DL<br>LESIONS IN VISUAL<br>PATHWAY          | AN 41.2, 3 –<br>Intraocular muscles,<br>cataract, glaucoma,<br>central retinal artery<br>occlusion | LINKER   | PY<br>Revision   |                | AN - SGD 42.1 to 42.3 –<br>Back region  |
|                   | Day 6<br>SATURDAY  | Sports/ Extracurricular<br>activity                  | PY- SDLPY 10.17<br>COLOUR BLINDNESS  | AN 42.2, 3 –<br>Suboccipital triangle<br>boundaries, contents<br>semispinalis capitis,<br>splenius capitis | CM2.2,CM2.3-SGD,DOAP<br>Describe about social<br>factors influencing the<br>health.Describe about the<br>art of interviewing |                | PY SGD PY 10.7<br>THALAMUS  |
|                   |                    |  |  |  |  |                | BI6.2 -SGD<br>Purine metabolism-<br>Synthesis   |

| April<br>Week<br>29 | Day                | 8-9AM  | 9-10AM   | 10-11 AM   | 11AM-1.00 PM  | 1-2PM          | 2-4PM  |
|---------------------|--------------------|--|--|--|---|----------------|--|
|                     | Day 1<br>MONDAY    | PY SGD PY 10.11<br>EXAMINATION OF THE<br>SENSORY NERVOUS<br>SYSTEM | AN – SDL 43.4<br>branchial<br>apparatus                            | AN 42.1 – Contents<br>of the vertebral<br>canal                    | AN Dissection 43.1 – Joints of neck,<br>atlantooccipital and atlantoaxial   | Lunch<br>break | Practicals- Batches A,B,C<br><br>AN 43.7 - Anatomical structures<br>in 1) Plain x-ray skull, 2) AP<br>view and lateral view 3) Plain x-<br>ray cervical spine-AP and lateral<br>view 4) Plain x- ray of<br>paranasal sinuses |
|                     | Day 2<br>TUESDAY   | AN 43.1 – Joints of<br>neck, atlantooccipital<br>and atlantoaxial  | BI6.2 -DL<br>Purine<br>metabolism-<br>degradation                  | PY SGD PY 10.11<br>EXAMINATION OF<br>THE SENSORY<br>NERVOUS SYSTEM | AN 43.5 - 1) Testing of muscles of facial<br>expression, extraocular muscles, muscles<br>of mastication, 2) Palpation of carotid<br>arteries, facial artery, superficial<br>temporal artery |                | PY 5.16<br>PLETHYSMOGRAHY  |
|                     | Day 3<br>WEDNESDAY | AN 43.4 – Branchial<br>apparatus contd.                            | PY TUTORIALS<br>PY 10.17 VISION                                    |  | AN 43.5 , 3) Location of internal and<br>external jugular veins, 4) Location of<br>hyoid bone, thyroid cartilage and cricoid<br>cartilage with their vertebral levels                       |                | BI11.17-SGD<br>Basis and rationale of<br>biochemical tests done in renal<br>failure, gout  |
|                     | Day 4<br>THURSDAY  | BI6.2 -DL<br>Pyrimidine<br>metabolism                              | PY – SGD<br>PY 10.11<br>EXAMINATION OF THE MOTOR NERVOUS<br>SYSTEM |  | Assessment –AN<br>Written/ Viva voce/MCQ's  |                | AN SGD 43.8,9 - Anatomical<br>route used for carotid<br>angiogram and vertebral<br>angiogram, anatomical<br>structures in the above  |
|                     | Day 5<br>FRIDAY    | PY DL PY 10.19<br>AUDITORY AND<br>VISUAL EVOKED<br>POTENTIALS      | AN 43.4 –<br>Development of<br>face, palate,<br>pituitary gland    | ECE-AN<br>Cleft lip, Palate, Aphthous ulcers                       |   |                | PY 10.17<br>BASAL GANGLIA  |
|                     | Day 6<br>SATURDAY  | Sports/ Extracurricular<br>activity                                | BI6.3 & BI6.4 - SDL<br>Disorders of<br>nucleotide<br>metabolism.   | AN 43.4 – Development<br>of tongue, thyroid<br>gland, eye          | CM2.3,CM2.4-DOAP,DL<br>Describe about social problems<br>Describe about various concepts in<br>sociology  |                | BI6.3 & BI6.4 ,BI11.17- SGD<br>Laboratory results of analytes<br>associated with gout &Lesch<br>Nyhan syndrome   |

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| April<br>Week<br>30 | Day                | 8-9AM   | 9-10AM   | 10-11 AM  | 11AM-1.00 PM  | 1-2PM          | 2-4PM   |
|                     | Day 1<br>MONDAY    | PY 10.11<br>EXAMINATION OF THE<br>REFLEXES  | AN – SDL 56.1,2<br>meninges and CSF  | AN 56.2 CSF,<br>applied anatomy   | AN Dissection 56.1, 2 –<br>Meninges, CSF                              | Lunch<br>break | Practicals- Batches A,B,C   |
|                     | Day 2<br>TUESDAY   | AN 57.2, 3 – Levels of spinal<br>cord in child and adult, cross<br>section pictures at<br>midcervical and midthoracic<br>levels | BI7.1-DL<br>Structure and<br>functions of DNA  | PY DL PY 10.11<br>EXAMINATION OF<br>THE REFLEXES  | AN Dissection 57.1 to 57.5<br>– Spinal cord, external<br>features     |                | AN General histology<br>revision  |
|                     | Day 3<br>WEDNESDAY | AN 57.4, 5 – <b>VI G.M.</b> -Tracts<br>of spinal cord at midthoracic<br>level, syringomyelia                                    | PY TUTORIALS<br>PY10.19<br>EVOKED POTENTIALS   |   | AN Dissection 58.1 to 58.4<br>Medulla oblongata,<br>external features |                | PY 6.8<br>SPIROMETRY  |
|                     | Day 4<br>THURSDAY  | BI7.1-DL<br>Structure and functions of<br>DNA   | PY – SGD<br>PY 10.11<br>EXAMINATION OF THE CRANIAL NERVES I<br>TO VI   |   | Assessment –PY<br>Written/ Viva voce/MCQ's                            |                | BI11.16 Observe use of DNA<br>isolation from blood/ tissue  |
|                     | Day 5<br>FRIDAY    | PY DL PY 10.16<br>FUNCTIONAL ANATOMY OF<br>THE EAR  | AN 58.2 – Cross<br>sections of M.O. at<br>pyramidal and<br>sensory<br>decussation,<br>inferior olivary<br>nucleus levels | ECE –PY<br>VISIT TO AUDIOMETRY DEPARTMENT   |   |                | AN - SGD 58.3, 4 –<br>Cranial nerve nuclei in the<br>M.O. medial and lateral<br>medullary syndromes |
|                     | Day 6<br>SATURDAY  | Sports/ Extracurricular<br>activity   | PY- SDL<br>PY 10.16<br>MIDDLE EAR  | AN 58.2 – Cross<br>sections of M.O. at<br>pyramidal and<br>sensory<br>decussation,<br>inferior olivary<br>nucleus levels II | AETCOM  |                | PY DL<br>PY / Linker<br>EXAMINATION OF THE<br>CRANIAL NERVES VII TO XII                             |
|                     |                    |   |  |   |   |                | BI11.15-SGD<br>Composition of CSF &<br>Interpretation of laboratory<br>data                         |

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| April<br>Week<br>31 | Day                | 8-9AM  | 9-10AM  | 10-11 AM   | 11AM-1.00 PM  | 1-2PM          | 2-4PM  |
|                     | Day 1<br>MONDAY    | PYDL PY 10.17<br>CEREBELLUM  | AN – SDL 57.4 ascending<br>and descending tracts  | AN 59.2, 3 - Transverse<br>section of pons at the<br>upper and lower level.<br>Enumerate cranial nerve<br>nuclei in pons with their<br>functional group                            | AN Dissection 59.1 to<br>59.3 – Pons, external<br>features  | Lunch<br>break | Practicals- Batches A,B,C<br><br>AN 64.1 – Histology of the<br>spinal cord, cerebellum<br>and cerebrum |
|                     | Day 2<br>TUESDAY   | AN 72.1 – Hist –<br>Integumentary system   | BI7.1-DL<br>Structure and functions<br>of RNA and cell cycle  | PY<br>10.16<br>MECHANISM OF HEARING  | AN Dissection 60.1,2,3-<br>Cerebellum, external and<br>internal features  |                | PY 6.10<br>MEASUREMENT OF PEFR   |
|                     | Day 3<br>WEDNESDAY | AN60.2,3 - Connections of<br>cerebellar cortex and<br>intracerebellar nuclei.<br>Anatomical basis of<br>cerebellar dysfunction | PY TUTORIALS<br>PY 10.16<br>MECHANISM OF HEARING  |  | AN Dissection 60.1,2,3-<br>Cerebellum, external and<br>internal features  |                | BI11.16<br>Observe use of<br>Autoanalyser  |
|                     | Day 4<br>THURSDAY  | BI7.2 –DL<br>Process involved in<br>replication  | PY – SGD<br>PY 10.14 BASIC LIFE SUPPORT   |  | Assessment –BI<br>Written/ Viva<br>voce/MCQ’s   |                | AN - SGD 61.1,2,3-<br>Midbrain, external and<br>internal features                                      |
|                     | Day 5<br>FRIDAY    | PY DL PY<br>10.16<br>MECHANISM OF HEARING  | AN 60.2,3 - Connections<br>of cerebellar cortex and<br>intracerebellar nuclei.<br>Anatomical basis of<br>cerebellar dysfunction | ECE-BI<br>Visit to GM/Surgery/OBG wards – cases of cancer  |   |                | PY<br>PY 10.17<br>HYPOTHALAMUS   |
|                     | Day 6<br>SATURDAY  | Sports/ Extracurricular<br>activity  | BI7.2 –SDL<br>Process involved in<br>replication  | AN 61.2,3 - Internal<br>features of midbrain at the<br>level of superior & inferior<br>colliculus. Describe<br>anatomical basis & effects<br>of Benedikt’s and Weber’s<br>syndrome | CM2.4-DL,SGD<br>Describe about social<br>psychology, community<br>behaviour. about<br>community relationship<br>and their impact on<br>health and disease |                | BI7.2 –SGD<br>Process involved in<br>transcription   |



| April<br>Week<br>32 | Day                | 8-9AM  | 9-10AM  | 10-11 AM  | 11AM-1.00 PM  | 1-2PM          | 2-4PM  |
|---------------------|--------------------|--|---|---|---|----------------|--|
|                     | Day 1<br>MONDAY    | PY DL PY 10.15<br>AUDITORY<br>PATHWAYS                                 | AN – SDL 58.2,59.2 T.S<br>of medulla oblongata<br>and pons at different<br>levels | AN AN61.2,3 - Internal<br>features of midbrain at<br>the level of superior &<br>inferior colliculus.<br>anatomical basis &<br>effects of Benedikt's<br>and Weber's syndrome<br>II | AN Dissection 62.1 to 62.5 –<br>Cranial nerve nuclei and<br>cerebral hemispheres,<br>cerebral cortex with its sulci<br>and gyri, functional areas | Lunch<br>break | Practicals- Batches A,B,C  |
|                     | Day 2<br>TUESDAY   | AN 62.1 Cranial<br>nerve nuclei with<br>their functional<br>components | BI7.2 - DL<br>Repair of DNA   | PY DL PY 10.15<br>AUDITORY PATHWAYS   | AN Dissection 62.1 to 62.5 –<br>Cranial nerve nuclei and<br>cerebral hemispheres,<br>cerebral cortex with its sulci<br>and gyri, functional areas |                | AN- systemic histology<br>revision   |
|                     | Day 3<br>WEDNESDAY | AN 62.3 – White<br>matter of cerebrum                                  | PY TUTORIALS<br>PY 10.15<br>AUDITORY PATHWAYS                                     |   | AN Dissection 62.1 to 62.5 –<br>Cranial nerve nuclei and<br>cerebral hemispheres,<br>cerebral cortex with its sulci<br>and gyri, functional areas |                | PY5.16, PY6.8<br>Revision practicals                                       |
|                     | Day 4<br>THURSDAY  | BI7.2 -DL<br>Process involved in<br>translation                        | PY SGD<br>PY 11.13 BASICS OF CLINICAL EXAMINATION                                 |   | BI7.2 -SDL<br>Process involved in<br>translation  |                | Practical revision<br>BI11.14  |
|                     | Day 5<br>FRIDAY    | PY- SDL<br>PY 10.16<br>HEARING TESTS                                   | AN 62.3 – White<br>matter of cerebrum II  | PY 10.17<br>VISION  | AETCOM  |                | AN - SGD 62.6 – Circle of<br>Willis, its major branches,<br>distribution   |
|                     | Day 6<br>SATURDAY  | Sports/<br>Extracurricular<br>activity                                 | PY DL PY 10.17<br>LIMBIC SYSTEM   | AN 62.4 - VI - G.M. -<br>Parts & major<br>connections of basal<br>ganglia & limbic lobe   | CM2.4,CM2.5-DL,SGD<br>Describe about learning and<br>various theories of learning<br>Describe poverty<br>Describe about economics                 |                | PY – SGDPY 5.15<br>CLINICAL EXAMINATION OF<br>THE CARDIOVASCULAR<br>SYSTEM |
|                     |                    |  |   |   |   |                | BI7.3 SGD<br>Regulation of gene<br>expression                              |

| June<br>Week<br>33 | Day                | 8-9AM   | 9-10AM  | 10-11 AM  | 11AM-1.00 PM  | 1-2PM          | 2-4PM  |
|--------------------|--------------------|---|---|---|---|----------------|--|
|                    | Day 1<br>MONDAY    | PY DL PY 10.14<br>PHYSIOLOGY OF SMELL AND<br>TASTE  | AN – SDL 60.2<br>connections of<br>cerebellum   | AN 62.4 - Parts & major<br>connections of basal<br>ganglia & limbic lobe II   | AN Dissection 62.6 –<br>Circle of Willis, its<br>major branches,<br>distribution                                    | Lunch<br>break | Practicals- Batches A,B,C  |
|                    | Day 2<br>TUESDAY   | AN 62.5 -Boundaries, parts,<br>gross relations, major nuclei<br>and connections of dorsal<br>thalamus, hypothalamus,<br>epithalamus, metathalamus<br>and subthalamus      | BI7.3 -DL<br>Gene mutations   | PY DL PY 10.14<br>PHYSIOLOGY OF SMELL   | AN Dissection 63.1, 2-<br>Ventricles of brain –<br>Fourth, third and<br>lateral                                     |                | AN 73.1 2, 3 –<br>Chromosomes,<br>Karyotyping                            |
|                    | Day 3<br>WEDNESDAY | AN t62.5 - Boundaries, parts,<br>gross relations, major nuclei<br>and connections of dorsal<br>thalamus, hypothalamus,<br>epithalamus, metathalamus<br>and subthalamus II | PYSGD<br><br>PY 6.9<br>CLINICAL EXAMINATION ODF THE RESPIRATORY<br>SYSTEM             |   | AN Dissection 63.1, 2-<br>Ventricles of brain –<br>Fourth, third and<br>lateral                                     |                | PY 5.15 EXAMINATION<br>OF THE CARDIO<br>VASCLAR SYSTEM                   |
|                    | Day 4<br>THURSDAY  | BI7.4 -DL<br>Recombinant DNA<br>technology  | PY REVISION PY<br>10.14<br>PHYSIOLOGY OF<br>SMELL AND TASTE                           | PY REVISIUON PY 10.18<br>&10.19<br>LESIONS IN VISUAL PATHWAY  | Assessment –AN<br>Written/ Viva<br>voce/MCQ’s   |                | AN - SGD 62.5<br>connections of thalamus                                 |
|                    | Day 5<br>FRIDAY    | PY REVISION PY10.17<br>LEARNING ,MEMORY AND<br>SPEECH   | AN 63.1 - Parts,<br>boundaries &<br>features of IIIrd,<br>IVth& lateral<br>ventricles | ECE – AN<br>Hemiplegia, Brown-Sequard syndrome  |   |                | PY – SGD<br>PY 10.15 &10.16<br>HEARING MECHANISM                         |
|                    | Day 6<br>SATURDAY  | Sports/ Extracurricular<br>activity   | BI7.4 -SDL<br>Recombinant DNA<br>technology   | AN AN 63.1, 2 - Parts,<br>boundaries & features of<br>IIIrd, IVth& lateral<br>ventricles, congenital<br>hydrocephalus | CM2.5-DL,SGD<br>Describe about various<br>social security measures<br>and its relationship to<br>health and disease |                | BI10.1 –SGD<br>Cancer initiation,<br>promotion, Oncogenes<br>& apoptosis |

| June<br>Week<br>34 | Day                | 8-9AM   | 9-10AM  | 10-11 AM  | 11AM-1.00 PM   | 1-2PM          | 2-4PM   |
|--------------------|--------------------|---|---|---|--|----------------|---|
|                    | Day 1<br>MONDAY    | REVISION PY 10.13<br>PHYSIOLOGY OF<br>SMELL AND TASTE | AN – SDL 63.1 4 <sup>th</sup><br>ventricle                                | AN 63.1, 2 - Parts,<br>boundaries & features<br>of IIIrd, IVth& lateral<br>ventricles, congenital<br>hydrocephalus II | AN Dissection Revision of upper<br>specimens             | Lunch<br>break | Practicals- Batches A,B,C                                     |
|                    |                    |   |   |   |  |                | AN 74.1, 2, 3 , 4 – Inheritance,<br>applied aspects           |
|                    | Day 2<br>TUESDAY   | AN 73.1 2, 3 –<br>Chromosomes,<br>Lyon’s hypothesis   | BI7.7 –DL<br>Role of oxidative stress<br>in the pathogenesis of<br>cancer | REVISION PY 10.20<br>VISUAL ACUITY AND<br>FIELD OF VISION   | AN Dissection Revision of lower<br>limb specimens        |                | PY 6.9<br>EXAMINATION OF THE<br>RESPIRATORY SYSTEM            |
|                    | Day 3<br>WEDNESDAY | AN 73.1 2, 3 –<br>Chromosomes,<br>Lyon’s hypothesis   | PY SGD<br>PY 4.10<br>CLINICAL EXAMINATION OF THE ABDOMEN                  |   | AN Dissection Revision of thorax<br>specimens            |                | BI11.1<br>Good safe laboratory<br>practice and waste disposal |
|                    | Day 4<br>THURSDAY  | BI10.2 – DL<br>Biochemical tumor<br>markers           | PY 4.10<br>PY<br>PY / Linker<br>CNS AND SPECIAL SENSES REVISION           |   | Assessment –PY<br>Written/ Viva voce/MCQ’s               |                | AN - SGD AN 74.1, 2, 3 , 4 –<br>Inheritance, applied aspects  |
|                    | Day 5<br>FRIDAY    | PY DL PY 11.11<br>PHYSIOLOGY OF<br>BRAIN DEATH        | AN 74.1, 2, 3 , 4 –<br>Inheritance, applied<br>aspects                    | ECE-PY  |  |                | PY – SGD<br>EXAM IN CNS AND SPECIAL<br>SENSES                 |
|                    | Day 6<br>SATURDAY  | Sports/<br>Extracurricular<br>activity                | PY-SDL<br>PY 11.12<br>MEDITATION  | AN 74.1, 2, 3 , 4 –<br>Inheritance, applied<br>aspects  | CM2.5-SDL,DOAP<br>Describe about Operational<br>Research |                | BI10.2 –SGD<br>Biochemical basis of cancer<br>therapy         |

| June<br>Week<br>35 | Day                | 8-9AM   | 9-10AM   | 10-11 AM  | 11AM-1.00 PM   | 1-2PM          | 2-4PM   |
|--------------------|--------------------|---|--|---|--|----------------|---|
|                    | Day 1<br>MONDAY    | PY DL<br>PY 8.6<br>INTRODUCTION TO<br>ENDOCRINOLOGY   | AN – SDL 73.1<br>chromosomes   | AN 74.1, 2, 3 , 4 –<br>Inheritance, applied<br>aspects                                | AN Dissection Revision of<br>abdomen and pelvis<br>specimens   | Lunch<br>break | Practicals- Batches A,B,C<br>AN 75.1 to 75.5 –<br>Chromosomal<br>aberrations  |
|                    | Day 2<br>TUESDAY   | AN 75.1 to 75.5 –<br>Chromosomal aberrations,<br>syndromes, genetic<br>counselling                    | BI3.9 –DL VI –GM<br>Mechanism and<br>significance of blood<br>glucose regulation in<br>health and disease.                       | PY 8.6 MECHANISM OF<br>HORMONE ACTION   | AN Dissection Revision of<br>head and neck specimens   |                | PY 4.10<br>CLINICAL EXAMINATION<br>OF THE ABDOMEN   |
|                    | Day 3<br>WEDNESDAY | AN 75.1 to 75.5 – VI - G.<br>M.- Chromosomal<br>aberrations, syndromes,<br>genetic counselling        | PY SGD<br>PY 10.11<br>EXAMINATION OF THE SENSORY NERVOUS SY<br>STEM  |   | AN Dissection Revision of<br>head and neck specimens   |                | BI 11.21 - Estimation of<br>glucose in serum<br>BI3.10 - Interpret the<br>results of blood glucose<br>levels  |
|                    | Day 4<br>THURSDAY  | BI7.7 -DL Role of oxidative<br>stress in the pathogenesis<br>of complications of<br>diabetes mellitus | PY DL PY 8.2<br>HYPOTHALAMUS AND<br>HYPOTHALAMO –<br>PITUITARY AXIS  | PY 8.2 PY DL<br>PITUITARY GLAND   | AN Dissection Revision of<br>neuroanatomy specimens  |                | AN - SGD AN 75.1 to<br>75.5 – Chromosomal<br>aberrations  |
|                    | Day 5<br>FRIDAY    | PY DL PY 8.2<br>GROWTH HORONE   | AN 75.1 to 75.5 –<br>Chromosomal<br>aberrations,<br>syndromes, genetic<br>counselling  | PY SDL PY 10.16 PATHO<br>PHYSIOLOGY OF<br>DEAFNESS                                    | PY 11,PY11.9, PY11.10<br>PHYSIOLOGY OF INFANCY<br>AND GROWTH CHARTS<br>,ANTHROPOMETRIC<br>ASSESSMENT |                | PY SGD<br>PY 8.2 THYROID GLAND  |
|                    | Day 6<br>SATURDAY  | Sports/ Extracurricular<br>activity   | BI11.23-SDL Identify<br>food items with high<br>and low glycemic<br>index and explain the<br>importance of these<br>in the diet. | AN 75.1 to 75.5 –<br>Chromosomal<br>aberrations,<br>syndromes, genetic<br>counselling | AETCOM   |                | Seminar --BI6.13 &<br>BI6.14, BI6.15, BI11.17<br>Functions, abnormalities<br>& basis and rationale<br>of tests to assess<br>functions of thyroid<br>gland |

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| June<br>Week<br>36 | Day                | 8-9AM  | 9-10AM  | 10-11 AM   | 11AM-1.00 PM  | 1-2PM          | 2-4PM  |
|                    | Day 1<br>MONDAY    | PY DL<br>PY 8.2 THYROID GLAND  | AN – SDL 14.1-14.4 hip<br>bone  | AN 14.1 to 14.4 –<br>Femur, patella<br>demonstration | AN 14.1 to 14.4 – Hip bone<br>demonstration   | Lunch<br>break | Practicals- Batches A,B,C<br>AN 14.1 to 14.4 – Tibia, fibula,<br>demonstration   |
|                    | Day 2<br>TUESDAY   | AN 79.1 to 79.6 – Third<br>to eighth week of<br>development III                            | BI6.13, BI6.14, BI6.15-DL<br>Functions, abnormalities<br>of adrenal gland                   | DL PY 8.2<br>ADRENAL GLAND<br>MEDULLA                | AN 14.1 to 14.4 – Bones of<br>the foot demonstration  |                | PY 10.11 EXAMINATION OF<br>THE SENSORY NERVOUS<br>SYSTEM   |
|                    | Day 3<br>WEDNESDAY | AN 15.1, 3 – Boundaries<br>and contents of the<br>femoral triangle –<br>vessels and nerves | PY SGD<br>PY 10.11<br>EXAMINATION OF THE MOTOR NERVOUS SYTEM                                |  | AN Dissection 15.1 to 15.5 –<br>Front and medial side of the<br>thigh   |                | BI11.23 Calculate energy<br>content of different food<br>Items,  |
|                    | Day 4<br>THURSDAY  | BI6.13, BI6.14,BI6.15 -DL<br>Tests to assess functions<br>of adrenal gland                 | PY DL PY 8.2<br>ADRENAL GLAND<br>MEDULLA  | PY DL PY 8.2<br>ADRENAL GLAND<br>CORTEX              | AETCOM  |                | AN - SGD 15.1 to 15.5 – Front<br>and medial side of the thigh  |
|                    | Day 5<br>FRIDAY    | PY<br>ADRENAL GLAND<br>CORTEX  | AN 15.2, 4, 5 – Muscles of<br>the front of the thigh,<br>applied anatomy,<br>adductor canal | ECE – BI<br>Ward GM/Surgery-Case of thyroid disorder |   |                | PY SGD PY 8.2<br>ENDOCRINE PANCREAS and<br>APPLIED ASPECT OF<br>ENDOCRINE PANCREAS   |
|                    | Day 6<br>SATURDAY  | Sports/ Extracurricular<br>activity  | PY SDL PY 8.2<br>APPLIED ASPECT OF<br>ENDOCRINE PANCREAS                                    | AN 80.1 to 80.7 –<br>Fetal membranes                 | CM3.1-DL,SGD<br>Define air pollution<br>Describe about the indices of<br>thermal comfort. Describe<br>about the sources of air<br>pollution and about air<br>pollutants.Define indoor air<br>pollution. Describe about<br>effects of air pollution.<br>Describe about the<br>prevention and control of air<br>pollution |                | BI8.3-SGD VI- GM,OBG<br>Provide dietary advice in<br>disease conditions like<br>diabetes mellitus, coronary<br>artery disease and in<br>pregnancy. |

| Week               | Day                | 8-9AM  | 9-10AM  | 10-11 AM  | 11AM-1.00 PM  | 1-2PM          | 2-4PM   |
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| July<br>Week<br>37 | Day 1<br>MONDAY    | PY DL PY 8.1<br>PHYSIOLOGY OF BONE   | AN – SDL 15.1 femoral<br>hernia   | AN 80.1 to 80.7 –<br>Fetal membranes II   | AN Dissection 15.1 to 15.5 –<br>Front and medial side of the<br>thigh   | Lunch<br>break | Practicals- Batches A,B,C<br>AN – 70.1, 72.1 – Hist –<br>Salivary glands, skin                |
|                    | Day 2<br>TUESDAY   | AN 80.1 to 80.7 – Fetal<br>membranes III   | BI6.9 BI6.10-DL<br><b>VI-Paed</b><br>Calcium & phosphorus<br>metabolism | PY DL PY 8.1<br>PARATHYROID<br>GLAND AND<br>CALCIUM<br>METABOLISM                                       | AN Dissection 15.1 to 15.5 –<br><b>VI - Gen. Surg.</b> - Front and<br>medial side of the thigh  |                | CLINICAL EXAMINATION OF<br>THE MOTOR NERVOUS<br>SYTEM   |
|                    | Day 3<br>WEDNESDAY | AN 81.1, 2, 3 – Prenatal<br>diagnosis  | PY SGD<br>PY 10.11<br>EXAMINATION OF THE REFLEXES                       |   | AN Dissection 16.1 to 16.5 –<br>Gluteal region and back of<br>the thigh   |                | BI11.11<br>Estimation of calcium and<br>phosphorous   |
|                    | Day 4<br>THURSDAY  | BI6.9 BI6.10-DL<br>Regulation of serum<br>calcium , phosphorus and<br>associated disorders | PY DL PY 8.1<br>PARATHYROID GLAND<br>AND CALCIUM<br>METABOLISM          | PL DLPY 8.1<br>CLINICAL ASPECT OF<br>PARATHYROID<br>GLAND   | Assessment –AN<br>Written/ Viva voce/MCQ's  |                | AN - SGD 16.1 to 16.5 –<br><b>VI - Gen. Surg.</b> -Gluteal<br>region and back of the<br>thigh |
|                    | Day 5<br>FRIDAY    | PY DL PY 8.3<br>THYMUS AND PINEAL<br>GLAND   | AN 16.1 – Vessels and<br>nerves of the gluteal<br>region                | ECE-AN<br>Femoral hernia, Injections in Gluteal region, Down's /<br>Klinefelter's / Turner's Syndrome/s |   |                | PY SGD<br>PY8.2 LOCAL HORMONES  |
|                    | Day 6<br>SATURDAY  | Sports/ Extracurricular<br>activity  | PY- SDL<br>PY 8.4<br>FUNCTION TESTS                                     | AN 16.2, 3- Applied<br>anatomy of the<br>gluteal region   | CM3.1-DL,SGD,<br>Define noise.<br>Describe about the sources of<br>noise pollution<br>Describe about the health<br>hazards and control<br>measures of noise pollution |                | BI6.5 -SGD<br>Biochemical role of vitamin<br>D & its deficiency                               |

| Week               | Day                | 8-9AM  | 9-10AM  | 10-11 AM   | 11AM-1.00 PM   | 1-2PM          | 2-4PM  |
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| July<br>Week<br>38 | Day 1<br>MONDAY    | PY DL PY 9.1<br>SEX DIFFERENTIATION<br>AND DEVELOPMENT                           | AN – SDL<br>15.1trochantric,femoral<br>and iliac anastomosis                              | AN 16.4, 5 –<br>Hamstrings, sciatic<br>nerve, perforating<br>arteries                              | AN Dissection 16.1 to 16.5 –<br>Gluteal region and back of the<br>thigh  | Lunch<br>break | Practicals- Batches A,B,C  |
|                    | Day 2<br>TUESDAY   | AN 65.2 – Hist –<br>Ultrastructure of the<br>epithelium                          | BI9.3-DL Describe<br>protein targeting<br>&sorting &associated<br>disorders               | PY DL PY 9.3<br>MALE<br>REPRODUCTIVE<br>SYSTEM   | AN Dissection 16.1 to 16.5 –<br>Gluteal region and back of the<br>thigh  |                | AN 52.1 – Hist –<br>Oesophagus, Stomach<br>fundus, stomach pyloric<br>part                           |
|                    | Day 3<br>WEDNESDAY | AN 16.6 – Boundaries<br>and contents of the<br>popliteal fossa                   | PY SGD<br>PY 10.11<br>EXAMINATION OF THE CRANIAL NERVES I TO VI                           |  | AN Dissection 16.6 – Popliteal<br>fossa  |                | BI 11.17<br>Basis and rationale of<br>Biochemical tests done in<br>diabetes mellitus -OGTT,<br>HbA1c |
|                    | Day 4<br>THURSDAY  | BI9.1 –DL<br>Functions and<br>components of the<br>extracellular matrix<br>(ECM) | PY DL PY 9.3<br>MALE REPRODUCTIVE<br>SYSTEM   | PY DL PY 8.6<br>PSYCHOLOGICAL<br>COMPONENT OF<br>METABOLIC<br>SYNDROMES                            | Assessment –PY<br>Written/ Viva voce/MCQ's   |                | AN - SGD 16.6 –<br>Popliteal fossa   |
|                    | Day 5<br>FRIDAY    | PY DL PY 9.2<br>PUBERTY  | AN 66.1,2 – Hist –<br>Connective tissue with<br>functional correlation,<br>ultrastructure | ECE –PY<br>VISIT TO PAEDIATRICS DEPARTMENT   |  |                | PY 9.4 PY SGD<br>FEMALE REPRODUCTIVE<br>SYSTEM   |
|                    | Day 6<br>SATURDAY  | Sports/ Extracurricular<br>activity  | PY DL PY 9.4<br>MENSTRUAL CYCLE   | AN 67.2,3<br>Hist – Structure and<br>functional<br>correration of the<br>muscle,<br>ultrastructure | CM3.1-DL,SGD<br>Describe about the sources of<br>radiation exposure Describe<br>about the health hazards of<br>radiation exposure and about<br>protection measures |                | BI9.1 -Seminar<br>Structural proteins,<br>collagen, elastin, and<br>fibrillin-1                      |
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| July<br>Week<br>39 | Day                | 8-9AM   | 9-10AM   | 10-11 AM   | 11AM-1.00 PM  | 1-<br>2PM      | 2-4PM  |
|                    | Day 1<br>MONDAY    | PY DL PY 9.4 - OVULATION<br>PY 9.8 - PHYSIOLOGY<br>OF PREGNANCY       | AN – SDL 16.1<br>muscles of gluteal<br>region                                | AN 17.1 2, 3 – Hip<br>joint and applied<br>aspects                 | AN Dissection 17.1 – Hip<br>joint                                     | Lunch<br>break | Practicals- Batches A,B,C<br><br>AN 52.1 – Hist – Duodenum,<br>jejunum, ileum<br><br>PY 10.11<br>EXAMINATION OF THE<br>CRANIAL NERVES I TO VI<br><br>Practical Revision<br>BI11.7<br><br>AN - SGD 19.1 to 19.7 – Back<br>of the leg and sole of the foot<br><br>PY SGD PY 9.6 AND 9.7<br>CONTRACEPTIVE METHODS<br>AND EFFECTS OF REMOVAL OF<br>GONADS<br><br>BI7.6 –SGD<br>Anti-oxidant defence systems<br>in the body |
|                    | Day 2<br>TUESDAY   | AN 17.1<br>Hip joint revision   | BI6.5-DL Describe<br>the biochemical role<br>of vitamin C &its<br>deficiency | PY DL PY 9.4 -<br>OVULATION<br>PY 9.8 - PHYSIOLOGY<br>OF PREGNANCY | AN Dissection 18.1, 2, 3<br>– Anterolateral<br>compartment of the leg |                |  |
|                    | Day 3<br>WEDNESDAY | AN 18.1, 2, 3 – Anterolateral<br>compartment of the leg, foot<br>drop | PY PY 10.11<br>EXAMINATION OF THE CRANIAL NERVES VI<br>TO XII                |  | AN Dissection 18.4 to<br>18.7 – Knee joint                            |                |  |
|                    | Day 4<br>THURSDAY  | BI7.5 –DL<br>Role of xenobiotics in disease                           | PY DL PY 9.10<br>PREGNANCY TESTS   | PY DL PY 9.8<br>PHYSIOLOGY OF<br>PARTURION                         | Assessment –BI<br>Written/ Viva<br>voce/MCQ’s                         |                |  |
|                    | Day 5<br>FRIDAY    | PY DL PY 9.8<br>PHYSIOLOGY OF PARTURION                               | AN 18.4 to 18.7 –<br>Knee joint, locking<br>and unlocking,<br>osteoarthritis | ECE –BI<br>Wards GM &lab – Diabetes mellitus                       |   |                |  |
|                    | Day 6<br>SATURDAY  | Sports/ Extracurricular<br>activity                                   | PY- SDL<br>PY 9.5<br>PHYSIOLOGY OF SEX<br>HORMONES                           | AN 68.1 to 68.3 –<br>Hist – Nervous<br>tissue,<br>ultrastructure   | AETCOM  |                |  |



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| July<br>Week<br>40 | Day                | 8-9AM  | 9-10AM   | 10-11 AM   | 11AM-1.00 PM  | 1-2PM          | 2-4PM  |
|                    | Day 1<br>MONDAY    | PY DL PY 9.11<br>PRE MENOPAUSE AND<br>MENOPAUSE  | AN – SDL 18.4<br>intercondylar area of<br>tibia  | AN 19.1 to 19.4 –<br>Muscles, vessels and<br>nerves of the back of<br>the leg, applied<br>anatomy                                | AN Dissection 19.1 to<br>19.7 – Back of the leg<br>and sole of the foot                               | Lunch<br>break | Practicals- Batches A,B,C  |
|                    | Day 2<br>TUESDAY   | AN 691,2,3 – Hist- Blood<br>vessels, ultrastructure  | BI7.5 –DL<br>Role of xenobiotics in<br>disease   | PY DL PY 9.12<br>INFERTILITY   | AN Dissection 19.1 to<br>19.7 – Back of the leg<br>and sole of the foot                               |                | AN 20.7 to 20.9 Surface<br>anatomy and development<br>of the lower limb                        |
|                    | Day 3<br>WEDNESDAY | AN 19.5, 6, 7 – Arches of the<br>foot and applied anatomy                                  | PY TUTORIALS<br>PY<br>10.11 9.12<br>CLINICAL ASPECT  |  | AN Dissection 20.1, 2 –<br>tibiofibular and ankle<br>joints, Subtalar and<br>transverse tarsal joints |                | PY 10.11 EXAMINATION OF<br>THE CRANIAL NERVES VII TO<br>XII                                    |
|                    | Day 4<br>THURSDAY  | . BI6.5 , BI7.6 - DL<br>Describe the biochemical<br>role of vitamins E & its<br>deficiency | PY SGD PY 11.13<br>BASICS OF CLINICAL EXAMINATION  |  | PY –Revision<br>PY 9.8<br>PHYSIOLOGY OF<br>PARTURION  |                | AN - SGD 20.6, 10 –<br>Radiology, development of<br>the lower limb                             |
|                    | Day 5<br>FRIDAY    | PY 9.9<br>SEMEN ANALYSIS   | AN 20.3, 4, 5 – Fascia<br>lata, venous and<br>lymphatic drainage of<br>the lower limb, DVT | BI11.24 –SGD<br>Enumerate<br>advantages and/or<br>disadvantages of use<br>of unsaturated,<br>saturated<br>and trans fats in food | PY 11.6<br>PHYSIOLOGY OF<br>INFANCY   |                | PY – SGD<br>PY 5.15<br>CLINICAL EXAMINATION OF<br>THE CARDIO VASCULAR<br>SYSTEM                |
|                    | Day 6<br>SATURDAY  | Sports/ Extracurricular<br>activity  | PY 9.10<br>PREGNANCY TESTS   | AN 20.3, 4, 5 – Fascia<br>lata, venous and<br>lymphatic drainage of<br>the lower limb, DVT                                       | CM3.1-DL,SGD<br>Describe about the<br>health hazards and<br>control measures of<br>water pollution    |                | BI8.5 –SGD<br>Nutritional importance of<br>commonly used items of<br>food (fruits& Vegetables) |