

# **Phase-I MBBS Master CBME Time Table 2020-21**



*10/24/21*

**Dean & Principal**  
**SLN Medical College & Hospital**  
**Pujariput, Koraput, Odisha-764020**  
**Email: [slnmchkoraput.od@gov.in](mailto:slnmchkoraput.od@gov.in)**  
**[www.slnmch.nic.in](http://www.slnmch.nic.in)**

## ABBREVIATIONS & LEGENDS USED:-

|  |   |
|--|---|
| <b>1. Anatomy (Ana)</b>                    | ::: Competencies to be taught by faculties of Anatomy               |
| <b>2. Biochemistry (Bio)</b>               | ::: Competencies to be taught by faculties of Biochemistry          |
| <b>3. Physiology (Phy)</b>                 | ::: Competencies to be taught by faculties of Physiology            |
| <b>4. Community Medicine (CM)</b>          | ::: Competencies to be taught by faculties of Community Medicine    |
| <b>5. D</b>                                | ::: Dissection  |
| <b>6. P</b>                                | ::: Practical   |
| <b>7. T</b>                                | ::: Tutorial  |
| <b>8. SGT</b>                              | ::: Small group teaching  |
| <b>9. FV</b>                               | ::: Field Visit   |
| <b>10. SDL</b>                             | ::: Self directed learning  |
| <b>11. A,B,C,D</b>                         | ::: Groups in the class with 31 students each                       |
| <b>12. ECE</b>                             | ::: Early clinical exposure:::                                      |
| <b>13. AET</b>                             | ::: AETCOM  |
| <b>14. Sp</b>                              | ::: Sports  |
| <b>15. ECA</b>                             | ::: Extra-curricular-activity                                       |
| <b>16. MMM</b>                             | ::: Mentor-mentee meet  |
| <b>17. AITo</b>                            | ::: Aligned & Integrated topics                                     |
| <b>18. Decimal numeric. [1.2/2.3,etc.]</b> | ::: Competency in competency document                               |
| <b>19. FAT[T-FAT;P-FAT]</b>                | ::: Formative Assessment Test[T-Fat-Theory FAT;P-Fat-Practical FAT] |
| <b>20. IAT</b>                             | ::: Internal Assessment Test  |
| <b>21. SAT</b>                             | ::: Summative Assessment Test[University PMB Examinations]          |
| <b>22. Holiday</b>                         | ::: Institutional Holiday   |

## **LIST OF HOLIDAYS-**

**All Sundays and Second & Fourth Saturdays are holidays. PUBLIC HOLIDAYS ARE EXTRA.**

|   |   |
|---|---|
| <b>February</b>   | <b>Sun-4, Sat-2, PH-1, Total=7 days</b>   |
| <b>March</b>  | <b>Sun-4, Sat-2, PH-3, Total- 9 days</b>  |
| <b>April</b>  | <b>Sun-4, Sat-2, PH-4, Total- 10 days</b> |
| <b>May</b>  | <b>Sun-5, Sat-2, PH-1, Total- 8 days</b>  |
| <b>June</b>   | <b>Sun-4, Sat-2, PH-3, Total- 9 days</b>  |
| <b>July</b>   | <b>Sun-4, Sat-2, PH-2, Total- 8 days</b>  |
| <b>August</b>   | <b>Sun-5, Sat-2, PH-2, Total- 9 days</b>  |
| <b>September</b>  | <b>Sun-4, Sat-2, PH-1, Total- 7 days</b>  |
| <b>October</b>  | <b>Sun-5, Sat-2, PH-8, Total- 15 days</b> |
| <b>November</b>   | <b>Sun-4, Sat-2, PH-2, Total- 8 days</b>  |
| <b>December</b>   | <b>Sun-4, Sat-2, PH-0, Total- 6 days</b>  |
| <b>Total holidays- 96 days</b>  |   |
| <b>Total no. of study days- <math>335-96=239</math> days (34 weeks)</b> |   |

## Teaching Hours for Phase-I MBBS at SLN MCH for 2020-21 (As per GME-2019 guidelines)

| Subjects                          | Interactive Lectures [A] | Dissection [B] | Practical [C] | Small Group teaching [D] | Total [B+C+D=E] | Self-Directed Learning[F] | Total [A+E+F]            |
|-----------------------------------|--------------------------|----------------|---------------|--------------------------|-----------------|---------------------------|--------------------------|
| Anatomy                           | 220 hrs                  | 315 hrs        | 60 hrs        | 40 hrs                   | 415 hrs         | 40 hrs                    | 675 hrs                  |
| Physiology                        | 160 hrs                  | ---            | 270 hrs       | 40 hrs                   | 310 hrs         | 25 hrs                    | 495 hrs                  |
| Biochemistry                      | 80 hrs                   | ---            | 120 hrs       | 30 hrs                   | 150 hrs         | 20 hrs                    | 250 hrs                  |
| Early Clinical Exposure (ECE)     | 90 hrs                   |                |               |                          |                 |                           | 90 hrs                   |
| Community Medicine                | 20 hrs                   | ---            | ---           | 27 hrs                   | 27 hrs          | 5 hrs                     | 52 hrs                   |
| AETCOM Module                     | ---                      | ---            | ---           | 26 hrs                   | 26 hrs          | 8 hrs                     | 34 hrs                   |
| Sports/Extracurricular Activities |                          |                |               |                          |                 | 60 hrs                    | 60 hrs                   |
| Formative Assessments             | 30                       | ---            | 50            | ---                      | ---             | ----                      | 80hrs                    |
| <b>Total</b>                      |                          |                |               |                          |                 |                           | <b>1736 hrs (31 wks)</b> |
| Internal Assessments (I,II & III) |                          |                |               |                          |                 |                           | 3 wks                    |
| Summative Assessments             | 2wks                     |                |               |                          |                 |                           | 2 wks                    |
| Holidays/Study Breaks             | 14 weeks                 |                |               |                          |                 |                           | 14 wks                   |
| <b>Phase Total (GME)</b>          | 34 weeks                 |                |               |                          |                 | <b>31+3+2+14= 50 WKS</b>  |                          |
| <b>Phase Total (SLN)</b>          |                          |                |               |                          |                 | <b>34+3+2+14= 53 Wks</b>  |                          |

## **TIME TABLE FOR MBBS 2020 BATCH**

### **TIME TABLE FEB 2021- JUL 2021**

| Day   | 9-10 AM      | 10-11 AM          | 11-1 PM                    |             | 1-2 PM | 2-3 PM                | 3-5 PM                    |
|-------|--------------|-------------------|----------------------------|-------------|--------|-----------------------|---------------------------|
| Mon   | Anatomy      | Physiology        | PHY<br>P(A)                | PHY<br>P(C) | L      | Community<br>Medicine | Dissection/<br>Histology  |
|       |              |                   | BIO P (B&D)                |             |        |                       |                           |
| Tues  | Physiology   | Anatomy           | PHY<br>P(B)                | PHY<br>P(D) | U      | Biochemistry          | Dissection/<br>Histology  |
|       |              |                   | BIO P (A & C)              |             |        |                       |                           |
| Wed   | Biochemistry | Anatomy           | PHY<br>P(C)                | PHY<br>P(A) | N      | Physiology            | Dissection/<br>Histology  |
|       |              |                   | BIO SGT (B&D)              |             |        |                       |                           |
| Thurs | Anatomy      | Physiology        | PHY<br>P(D)                | PHY<br>P(B) | C      | Biochemistry          | Dissection/<br>Histology  |
|       |              |                   | BIO SGT (A & C)            |             |        |                       |                           |
| Fri   | Physiology   | Anatomy           | Physiology<br>SGT(A,B,C,D) |             | H      | Anatomy               | Dissection/<br>Histology/ |
| Sat   | SPM SDL/SGT  | Physiology<br>SDL | ECE/AETCOM                 |             |        | Biochemistry<br>SDL   | Anatomy<br>SDL/SGT        |

**TIME TABLE AUG 2021-DEC 2021**

| Day   | 9-10 AM      | 10-11 AM       | 11-1 PM                  | 1-2 PM | 2-3 PM                | 3-5 PM                     |             |
|-------|--------------|----------------|--------------------------|--------|-----------------------|----------------------------|-------------|
| Mon   | Anatomy      | Physiology     | Dissection/<br>Histology | L      | Community<br>Medicine | PHY<br>P(A)                | PHY<br>P(C) |
|       |              |                |                          |        |                       | BIO P/T (B&D)              |             |
| Tues  | Physiology   | Anatomy        | Dissection/<br>Histology | U      | Biochemistry          | PHY<br>P(B)                | PHY<br>P(D) |
|       |              |                |                          |        |                       | BIO P/T (A &<br>C)         |             |
| Wed   | Biochemistry | Anatomy        | Dissection/<br>Histology | N      | Physiology            | PHY<br>P(C)                | PHY<br>P(A) |
|       |              |                |                          |        |                       | BIO SGT (B&D)              |             |
| Thurs | Anatomy      | Physiology     | Dissection/<br>Histology | C      | Biochemistry          | PHY<br>P(D)                | PHY<br>P(B) |
|       |              |                |                          |        |                       | BIO SGT (A &<br>C)         |             |
| Fri   | Physiology   | Anatomy        | Dissection/<br>Histology | H      | Anatomy               | Physiology<br>SGT(A,B,C,D) |             |
| Sat   | SPM SDL/SGT  | Physiology SDL | ECE/AETCOM               |        | Biochemistry<br>SDL   | Anatomy<br>SDL/SGT         |             |

**FOUNDATION COURSE/ ORIENTATION WEEK**

| WK I                | 9-10 am   | 10 – 11 am                    | 11-01 pm                        | 1-2 pm | 2-3 pm                          | 3 – 5 pm |
|---------------------|---|-------------------------------|---------------------------------|--------|---------------------------------|----------|
| TUE<br>(02/02/2021) | Welcome by Dean, Superintendent, HODs & Faculties of SLN<br>MCH to Students |                               |                                 | L      | Allotment of Roll Numbers       |          |
| WED<br>(03/02/2021) | Expectation of students<br>From Society                                     | Role of Doctors in<br>society | Visit to Dept of<br>Ana/Phy/Bio | U      | Meet the doctor                 | Sports   |
| THU<br>(04/02/2021) | History of Medicine   |                               |                                 | N      | Alternate system of<br>Medicine | Sports   |
| FRI<br>(05/02/2021) | GMR-2019  | Career Pathways               |                                 | C      | Introduction with<br>Mentors    | Sports   |
| SAT<br>(06/02/2021) | Family practice & holistic care   |                               |                                 | H      | Gender Harassment               | Sports   |

**SUN(07/02/2021)- Holiday**

**FOUNDATION COURSE/Skills Module**

| WK 2                | 9 - 10 am   | 10 – 11 am   | 11 - 01 pm  | 1 - 2 pm | 2-3 pm   | 3 – 5 pm |
|---------------------|---|--|---|----------|--|----------|
| MON<br>(08/02/2021) | Orientation with registration-Phy   |  | Orientation with registration-Ana   | L        | Orientation with registration-Bio  |          |
| TUE (09/02/2021)    | First Aid (Group-B)   |  | First Aid (Group-B)   | U        | Library facility   | Sports   |
| WED<br>(10/02/2021) | FC 2.3 Follow bio-safety and universal precautions  | FC 2.4 Demonstrate handling and safe disposal of Biohazardous materials in a simulated environment | FC 2.5 Demonstrate proper hand washing and use of personal protective equipment | N        | Universal Precaution: Demonstration FC 2.6 Demonstrate appropriate response to needle stick injuries | Sports   |
| THU (11/02/2021)    | FC 2.7 Demonstrate Biomedical Waste segregation (BMW), observe and explain the process of management of BMW in accordance with National Regulations |  |   | C        | BMW  | Sports   |
| FRI<br>(12/02/2021) | Vaccine-preventable diseases and recommendations for health care personnel  |  |   | H        | Visit to ILR Centre  | Sports   |
| SAT<br>(13/02/2021) | Extracurricular activities  |  |   |          |  |          |

**SUN (14/02/2021)- Holiday**

| WK 3                | 9 - 10 am  | 10 – 11 am  | 11 - 01 pm  |   | 1 - 2 pm | 2-3 pm  | 3 – 5 pm   |
|---------------------|--|---|---|---|----------|---|--|
| MON<br>(15/02/2021) | National Health Goals & policies   | National Health Goals & policies  | National Health Scenario  |   | L        | Health Care System in India   | Visit to Community Health Centre   |
| TUE<br>(16/02/2021) | BasantPanchami/Saraswati Puja- Holiday   |   |   |   |          |   |  |
| WED<br>(17/02/2021) | <b>Introduction to biochemistry.</b><br>BI1.1 Describe the molecular and functional organization of a cell and its subcellular components. | <b>IL:AN-1.1 Introduction to anatomy.</b><br><b>AN 2.5 General Anatomy.</b> | <b>WHITE COAT CEREMONY</b>  |   | U        | PY1.2 .Introduction to Physiology. Describe and discuss the principles of homeostasis.        | Define and describe the concept of Public Health                                       |
| THU<br>(18/02/2021) | <b>AN 77.3 Embryology</b><br><br>Describe spermatogenesis  | PY1.1 Describe the structure and functions of a mammalian cell              | <b>P::D: PY- 2.11 Introduction to practical physiology; Study of Microscope</b> | <b>P:: B : PY 3.18 Introduction &amp; use of Electrical Apparatus</b> | N        | <b>IL:BI-1.1(a)</b> Describe the molecular and functional organization of a cell and its sub- | <b>AN9.1,9.2,9.3</b><br>Describe attachment, nerve supply & action of pectoralis major |

|                     |  |   |  |   |   |   |  |
|---------------------|--|---|--|---|---|---|--|
|                     | and oogenesis along with diagrams  |   |  | in Physiology   |   | cellular components.  | and pectoralis minor<br>Breast: Describe the location, extent, deep relations, structure, age changes, blood supply, lymphatic drainage, microanatomy and applied anatomy of breast<br><b>HISTOLOGY</b><br><b>AN65.1,65.2</b><br>Identify <b>epithelium</b> under the microscope & describe the various types that correlate to its function |
|                     |  |   | P: A,C-:BI 11.1- Describe commonly used laboratory apparatus and equipments, good safe laboratory practice and waste disposal. |   |   |   |  |
| FRI<br>(19/02/2021) | IL: PY- 2.1-Describe the composition and functions of blood components                                 | Describe the structure of chromosomes with classification.<br><b>AN73.1</b>           | P:: A: PY- 2.11 (1 hr)<br><b>Introduction to practical physiology; Study of Microscope</b>                                     | P:: C : PY 3.18 (1 hr)<br><b>Introduction &amp; use of Electrical Apparatus in Physiology</b> | C | <b>AN72.1 Histology</b><br>Identify the skin and its appendages under the microscope and correlate the structure with function. | <b>ECE(1)- A: An:-</b><br>Lump in the breast   |
|                     |  |   | P: B & D: BI11.1 Describe commonly used laboratory apparatus and equipments, good safe laboratory practice and waste disposal. |   |   |   |  |
| SAT<br>(20/02/2021) | SPM SGT-1<br><i>CM-2.1-Describe the demographic factors of the individual, family and community[ ]</i> | SGT 1 PY- 2.2- Discuss the origin, forms, variations and functions of plasma proteins | AETCOM1(a)<br>What does it mean to be a doctor?  |   | H | BI7.1<br>Describe the structure and functions of DNA and mRNA   | ANA SGT<br><b>AN66,1,66.2 Histology</b><br>Describe & identify various types of connective tissue with functional correlation. Describe the ultrastructure of connective tissue  |

**SUN(21/02/2021)-HOLIDAY**



| WK 4                | 8-9 AM(F.C )                                | 9 - 10 am   | 10 – 11 am   | 11 - 01 pm  |  | 1 - 2 pm | 2-3 pm   | 3 – 5 pm  |
|---------------------|---|---|--|---|--|----------|--|---|
| MON<br>(22/02/2021) | Professionalism and Ethics – the concept(1) | AN-65.1-65.2-Stratified epithelium  | PY2.6 Describe WBC formation (granulopoiesis) and its regulation   | P:: A :PY-2.11 Use of Oil immersion objective and identification of WBCs.   | P:: C : PY 3.18 i) The muscle nv preparation & Simple muscle Curve .<br>ii) The Recording of Muscle Contraction & Simple Muscle Curve & Effect of Temperature. |          | CM-1.1 Define and describe the concept of Public Health  | AN10.1,10.2 Identify & describe boundaries and contents of axilla Identify, describe and demonstrate the origin, extent, course, parts, relations and branches of axillary artery & tributaries of vein.<br><b>HISTOLOGY</b><br>AN65.1,65.2 |
|                     |   |   |  | P: B & D: BI11.2 Describe the preparation of buffers and estimation of pH.<br>BI11.16 Observe use of commonly used equipments/techniques in biochemistry. BI11.19 Outline the basic principles involved in the functioning of instruments |  |          |  |   |
| TUE<br>(23/02/2021) | Professionalism and Ethics – the concept(2) | PY1.6 Describe the fluid compartments of the body, its ionic composition & measurements | AN 2.5 General Anatomy<br><br>Describe various types of joints with subtypes and examples AN AN 2.6 Explain the concept of | P:: B :PY-2.11 Use of Oil immersion objective and identification of WBCs.   | P:: D : PY 3.18 i) The muscle nv preparation & Simple muscle Curve .<br>ii) The Recording of Muscle Contraction & Simple Muscle Curve & Effect of Temperature. |          | BI6.7.1 Describe the processes involved in maintenance of normal pH, water & electrolyte balance of body fluids and the derangements associated with these.. | AN 10.5 AN10.6 Explain variations in formation of brachial plexus Explain the anatomical basis of clinical features of Erb’s palsy and Klumpke’s paralysis.<br><b>Histology</b>   |

|                  |   |  |  |   |  |  |   |
|------------------|---|--|--|---|--|--|---|
|                  |   |  | nerve supply of joints and Hilton's Law  | P: B & D: BI11.2 Describe the preparation of buffers and estimation of pH. BI11.16 Observe use of commonly used equipments/techniques in biochemistry. BI11.19 Outline the basic principles involved in the functioning of instruments                                      |  |  | <b>Practical</b><br>. AN65.1,65.2 , 72.1<br>Identify <b>epithelium</b> under the microscope & describe the various types that correlate to its function (Compound epithelium ,and skin)   |
| WED (24/02/2021) | Professionalism and Ethics – the concept(3) | BI4.1 Describe and discuss main classes of lipids (Essential/non-essential fatty acids, cholesterol and hormonal steroids, triglycerides, major phospholipids and sphingolipids) relevant to human system and their major functions. | <b>AN 10.4</b><br>Describe the anatomical groups of axillary lymph nodes and specify their areas of drainage | <div>P:: C :PY-2.11 Use of Oil immersion objective and identification of WBCs.</div> <div>P:: A : PY 3.18 i) The muscle nv preparation &amp; Simple muscle Curve .<br/>ii) The Recording of Muscle Contraction &amp; Simple Muscle Curve &amp; Effect of Temperature.</div> |  | PY1.5<br>Describe and discuss transport mechanisms across cell membranes | <b>AN 10.8 AN 10.9</b><br>Describe, identify and demonstrate the position, attachment, nerve supply and actions of trapezius and latissimusdorsi. Describe the arterial anastomosis around the scapula and mention the boundaries of triangle of auscultation and latissimusdorsi<br><b>Histology Practical</b><br>. AN 65.1, 65.2,72.1 |

|                            |  |  |  |  |  |  |   |   |
|----------------------------|--|--|--|--|--|--|---|---|
| THU<br>(25/02/2021)        | Professionalism and Ethics – the concept(4)                | AN 71.2 (Histology) Identify cartilage under the microscope and describe the various types and structure ,function correlation of the same.<br><b>AN 73.3</b> Describe the Lyon’s hypothesis | PY2.7 Describe the formation of platelets, functions and variations. | <i>P:: D :PY-2.11 Use of Oil immersion objective and identification of WBCs.</i> | P:: B : PY 3.18 i) The muscle nv preparation & Simple muscle Curve .<br>ii) The Recording of Muscle Contraction & Simple Muscle Curve & Effect of Temperature. |  | BI6.7.2 Describe the processes involved in maintenance of normal pH, water & electrolyte balance of body fluids and the derangements associated with these.       | <b>AN 8.1,8.2,8.3,8.4)</b> Identify the given bone, its side, important features & keep it in anatomical position. Identify & describe joints formed by the given bone Demonstrate important muscle attachment on the given bone (SCAPULA)<br><b>Histology Practical . AN 65.1, 65.2,72.1</b> |
| FRI<br>(26/02/2021)        | Professionalism and Ethics – the concept(5)                | PY1.5 Describe and discuss transport mechanisms across cell membranes  |  | T-FAT(1) Phy   | SGT(2)- PY1.3 Describe intercellular communication   |  | <b>AN3.2</b> Enumerate parts of skeletal muscle and differentiate between tendons and aponeuroses with examples.<br><b>AN3.3</b> Explain Shunt and spurt muscles. | <b>AN 13.4</b> Sternoclavicular joint and disarticulation of upper limb<br><b>AN 8.1,8.2,8.3,8.4)</b> Bone(SCAPULA)<br><b>AN 10.9</b> Describe the arterial anastomosis around scapula and mention the boundaries of triangle of auscultation   |
| <b>SAT</b><br>(27/02/2021) | Visit to hospital to interact with diff health-care worker |  |  |  |  |  | Discussion on working in health care team   |   |

**SUN (28/02/2021)-HOLIDAY**

| WK 5                | 8-9 AM(F.C )  | 9 - 10 am   | 10 – 11 am  | 11 - 01 pm  |  | 1 - 2 pm | 2-3 pm   | 3 – 5 pm  |
|---------------------|---|---|---|---|--|----------|--|---|
| MON<br>(01/03/2021) | Professional<br>ism and<br>Ethics – the<br>concept(6) | T-FAT(1)<br>ANA   | PY1.8 Describe<br>and discuss the<br>molecular basis of<br>resting membrane<br>potential and<br>action potential in<br>excitable tissue | P: A :<br>PY2.11<br>- DLC   | P:: C : PY 3.18<br>Effect of two<br>stimuli, several<br>successive<br>stimuli &<br>Tetanus and the<br>effect of<br>Fatigue on<br>Muscle        | .        | <b>CM-1.2-</b><br>Define health;<br>describe the<br>concept of<br>holistic health<br>including<br>concept of<br>spiritual health<br>and the<br>relativeness &<br>determinants of<br>health   | <b>AN10.10</b><br>Describe and<br>identify the<br>deltoid and<br>rotator cuff<br>muscles<br><b>AN 10.11</b><br>Describe and<br>demonstrate<br>attachments<br>of serratus<br>anterior with<br>its action . |
|                     |   |   |   | P: B & D:: BI11.3 Describe<br>the chemical components of<br>normal urine. |  |          |  |   |
| TUE<br>(02/03/2021) | Professional<br>ism and<br>Ethics – the<br>concept(7) | PY2.8 Describe the<br>physiological basis<br>of hemostasis and,<br>anticoagulants.<br>Describe bleeding<br>& clotting<br>disorders<br>(Hemophilia,<br>purpura | <b>AN 3.1<br/>General<br/>Anatomy</b><br>Classify muscle<br>tissue according<br>to structure and<br>action                              | P: B:<br>PY2.11-<br>DLC   | P:: D : PY<br>3.18<br>Effect of<br>two stimuli,<br>several<br>successive<br>stimuli &<br>Tetanus and<br>the effect of<br>Fatigue on<br>Muscle. |          | BI4.1 Describe<br>and discuss main<br>classes of lipids<br>(Essential/non-<br>essential fatty<br>acids, cholesterol<br>and hormonal<br>steroids,<br>triglycerides,<br>major<br>phospholipids | P-FAT(1)  |



|                                   |  |   |  |  |         |  |                            |  |
|-----------------------------------|--|---|--|--|---------|--|----------------------------|--|
|                                   |  |   |  |  | Muscle. |  |                            |  |
|                                   |  |   |  | ECE(1)- A & C- Bi:-<br>Acid Base balance and imbalance |         |  |                            |  |
| <b>FRI</b><br><b>(05/03/2021)</b> | Professional Behaviour& Altruistic behavior(3) | Professional Behaviour&Altruistic behavior(4) | Consequences of unprofessional behaviour |  |         | Stress management  | Disability competencies(1) | <b>AN</b><br><b>8.1,8.2,8.3,8.4)</b><br>Bone(Humerus)<br>-(Tutorial) |
| SAT<br>(06/03/2021)               | Disability competencies (2)                    | CM SGT 2                                      | PY1.4SDL 1                               | AETCOM1(A)<br>What does it mean to be a doctor?        |         | BI7.1 Describe the structure and functions of DNA and mRNA | <b>ANA Sdl 1</b>           |  |

***SUN(07/03/2021)- HOLIDAY***

| WK 6                | 8-9 AM(F.C )                  | 9 - 10 am   | 10 – 11 am  | 11 - 01 pm          |   | 1 - 2 pm | 2-3 pm   | 3 – 5 pm   |
|---------------------|-------------------------------|---|---|---------------------|---|----------|--|--|
| MON<br>(08/03/2021) | Disability<br>competencies(3) | AN 78.1<br>Describe<br>cleavage and<br>formation of<br>blastocyst<br>AN 78.2<br>Describe the<br>development<br>of trophoblast<br>AN 78.3<br>Describe4 the<br>process of<br>implantation<br>and common<br>abnormal<br>sites of<br>implantation | PY5.10 Describe<br>& discuss Lymph<br>&<br>lymphatic<br>circulation   | P-FAT(1):<br>A: DLC | P:: C : PY<br>3.18<br>Study of<br>Normal<br>Cardiogram<br>of frog.<br>Eeffect of<br>Temperature<br>and drugs on<br>frog heart |          | CM- 1.3-<br>Describe the<br>characteristics of<br>agent, host and<br>environmental<br>factors in health<br>and disease and<br>the multi factorial<br>etiology of<br>disease  | AN 10.10<br>Describe and<br>identify the<br>deltoid and<br>rotator cuff<br>muscles<br>AN 10.11<br>Describe and<br>demonstrate<br>attachments<br>of serratus<br>anterior with<br>its action   |
| TUE<br>(09/03/2021) | Disability<br>competencies(4) | PY3.1 Describe<br>the structure and<br>functions of a<br>neuron and<br>neuroglia;<br>Discuss Nerve<br>Growth Factor &<br>other growth<br>factors/cytokines  | AN 71.1<br>(Histology)<br>Identify bone<br>under the<br>microscope<br>,classify<br>various types<br>and describe<br>the structure –<br>function ,<br>correlation of<br>the same | P-FAT(1):<br>B: DLC | P:: D : PY<br>3.18<br>Study of<br>Normal<br>Cardiogram<br>of frog.<br>Eeffect of<br>Temperature<br>and drugs on<br>frog heart |          | BI3.1 Discuss<br>and differentiate<br>monosaccharides,<br>di-saccharides<br>and<br>polysaccharides<br>giving examples<br>of main<br>carbohydrates as<br>energy fuel,<br>structural<br>element and<br>storage in the<br>human body. | AN 11.1<br>Describe and<br>demonstrate<br>muscle<br>groups of<br>upper arm<br>with<br>emphasis on<br>biceps and<br>triceps<br>brachii.<br>AN 11.2<br>Identify &<br>describe<br>origin,<br>course,<br>relations,<br>branches (or<br>tributaries),<br>termination<br>of important<br>nerves and<br>vessels in arm<br>AN 11.4<br>Describe the<br>anatomical |

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|                     |                                      |   |  |  |   |  | basis of Saturday night paralysis.  |
| WED<br>(10/03/2021) | Components of Cultural Competence(1) | BI5.1.1 Describe and discuss structural organization of proteins.                     | AN 78.1 Describe cleavage and formation of blastocyst<br>AN 78.2 Describe the development of trophoblast<br>AN 78.3 Describe the process of implantation and common abnormal sites of implantation | P-FAT(1):<br>C: DLC  | P:: A : PY<br>3.18 Study of Normal Cardiogram of frog.<br>Effect of Temperature and drugs on frog heart | PY2.10 Define and classify different types of immunity. Describe the development of immunity and its regulation  | AN 11.5 Identify and describe the boundaries and contents of Cubital fossa<br>An 11.3 Describe the anatomical basis of venepuncture of cubital veins                            |
| THU<br>(11/03/2021) | Components of Cultural Competence(2) | Time management   |  |  |   | Interpersonal relationship   |   |
| FRI<br>(12/03/2021) | Basics of Communication(1)           | PY3.2 Describe the types, functions & properties of nerve fibers                      | AN 74.1 Describe the various modes of inheritance with examples  | P-FAT(1):<br>C: DLC  | P:: D : PY<br>3.18 Study of Normal Cardiogram of frog.<br>Effect of Temperature and drugs on frog heart | AN 70.2 (Histology) Identify the lymphoid tissue under the microscope and describe microanatomy of lymph node, spleen thymus, tonsil and correlate the structure with function | AN 12.1 Describe and demonstrate important muscle groups of ventral part of forearm with attachments, nerve supply and actions<br>Histology AN 71.1 & 71.2 (Bone and cartilage) |
| SAT<br>(13/03/2021) | Basics of Communication(2)           | FC 4.12 Demonstrate understanding of the process of group learning and group dynamics | FC 4.13 Comprehend the learning pedagogy and its role in learning skills   | FC 4.14 Demonstrate understanding of different methods of self-directed learning | FC 4.15 Understand collaborative learning   | Local language<br>FC 5.2 Demonstrate use of local language in patient and peer interactions  | ECA   |



**SUN (14/03/2021)- HOLIDAY**

| WK 7                | 8-9 AM(F. C )                                       | 9 - 10 am   | 10 – 11 am   | 11 - 01 pm   |   | 1 - 2 pm | 2-3 pm   | 3 – 5 pm  |
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| MON<br>(15/03/2021) | Self directed Learning & Collaborative learning (1) | AN 5.1 General anatomy Differentiate between blood vascular and lymphatic system<br>AN5.2 Differentiate between pulmonary and systemic circulation<br>AN 5.3 List general differences between arteries and veins. | PY2.10 Define and classify different types of immunity. Describe the development of immunity and its regulation.   | P: A : PY 2.11- Study of Neubauer 's chamber, Enumeration of Total Leucocyte Count(TLC)              | P: C : PY 3.18 Demonstration of Refractory Period in heart muscle and the compensatory pause, Stannius Preparation and Effect of Vagal stimulation on frog heart. |          | CM1.4 Describe and discuss the natural history of disease  | AN 12.2 Identify and describe origin ,course, relations, branches(or tributaries) termination of important nerves and vessels of forearm. Histology AN 71.1 & 71.2 (Bone and cartilage)                       |
|                     |   |   |  | P: B & D:: BI11.4 Perform urine analysis to estimate and determine normal and abnormal constituents. |   |          |  |   |
| TUE<br>(16/03/2021) | Self directed Learning & Collaborative learning (2) | PY3.3 Describe the degeneration and regeneration in peripheral nerves.  | AN 5.3 General anatomy List general differences between arteries and veins<br>AN 5.4 Explain functional difference between elastic, muscular arteries and arterioles | P: B : PY 2.11- Study of Neubauer 's chamber, Enumeration of Total Leucocyte Count(TLC)              | P: D : PY 3.18 Demonstration of Refractory Period in heart muscle and the compensatory pause, Stannius Preparation and Effect of Vagal stimulation on frog heart. |          | BI2.1.1 Explain fundamental concepts of enzyme, isoenzyme, alloenzyme, coenzyme & co-factors. Enumerate the main classes of IUBMB nomenclature.balan ce of body fluids and the derangements associated with these. | AN12.11 Identify describe and demonstrate important muscle groups of dorsal forearm with attachments ,nerve supply and action. AN 8.1,8.2,8.3,8.4) Bone(Radius) Histology AN 71.1 & 71.2 (Bone and cartilage) |
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|                     |   |   | Differentiate between blood vascular and lymphatic system   |  |   |  |   |
| WED<br>(17/03/2021) | Self directed Learning & Collaborative learning (3) | BI5.1 Describe and discuss structural organization of proteins  | Histology<br>AN 67.2 Describe the structure – function correlation of the muscles<br>AN 67.3 Describe the ultrastructure of muscular tissue | P: C : PY 2.11- Study of Neubauer's chamber, Enumeration of Total Leucocyte Count(TLC) | P: A : PY 3.18 Demonstration of Refractory Period in heart muscle and the compensatory pause, Stannius Preparation and Effect of Vagal stimulation on frog heart. | PY3.4 Describe the structure of neuro-muscular junction and transmission of impulses.<br>PY3.6 -Describe the pathophysiology of Myasthenia gravis<br>PY3.5 Discuss the action of neuro-muscular blocking agents. | AN 12.12 Identify and describe origin, course ,relations branches (or tributaries ) termination of important nerves and vessels of back of forearm.<br>AN 8.1,8.2,8.3,8.4) Bone(Radius)<br>Histology<br>AN 71.1 & 71.2 (Bone and cartilage)             |
|                     |   |   |   | BI-SGT2  |   |  |   |
| THU<br>(18/03/2021) | Self directed Learning & Collaborative learning (4) | Histology<br>AN 67.2 Describe the structure – function correlation of the muscles<br>AN 67.3 Describe the ultrastructure of muscular tissue | PY10.5 (i) Describe and discuss structure and functions of autonomic nervous system (ANS).  | P: D : PY 2.11- Study of Neubauer's chamber, Enumeration of Total Leucocyte Count(TLC) | P: B : PY 3.18 Demonstration of Refractory Period in heart muscle and the compensatory pause, Stannius Preparation and Effect of Vagal stimulation on frog heart. | BI2.1.1 Explain fundamental concepts of enzyme,...   | Tutorial class<br><br>AN 12.13 Describe the anatomical basis of wrist drop<br>AN 12.14 Identify and describe compartments deep to external retinaculum<br>AN 12.15 Identify and describe extensor expansion formation<br>AN 8.1,8.2,8.3,8.4) Bone(Ulna) |
|                     |   |   |   | BI-SGT 2   |   |  |   |
| FRI<br>(19/03/2021) | English language(1)                                 | PY3.8 Describe action potential and its properties in different muscle types (skeletal & smooth)  | Embryology<br>AN 78.4<br>AN 78.5 Describe the formation of extraembryonic mesoderm and coelom,bila  | SGT 3 PY 1.4 Apoptosis in health and disease   | SGT 4 PY1.7 Describe the concept of pH & Buffer systems in the body   | Genetics<br>AN 74.2 Draw pedigree chart for various types of inheritance and give examples of diseases of each mode of inheritance   | AN 10.12 ( Tutorial class )<br>Describe and demonstrate shoulder joint for-type,articularsurfaces,capsule,synovial membrane, ligaments,relations,movements,musclesinvolved  |

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|                     |                     |          | minar disc and prochordal plate.<br><br>Describe in brief abortion,decidual reaction and pregnancy test |           |  |  |             | ,bloodsupply,nerve supply and applied anatomy.                             |
| SAT<br>(20/03/2021) | English language(2) | CM SGT 3 | PHY SDL2  | ECE1-PHY- |  |  | BIO SDL2(A) | SDL 2-AN.11.4<br>Describe the anatomical basis of Saturday night paralysis |

SUN(21/03/2021)- HOLIDAY

| WK 8                | 8-9 AM(F.C )        | 9 - 10 am  | 10 – 11 am   | 11 - 01 pm   |   | 1 - 2 pm | 2-3 pm  | 3 – 5 pm   |
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| MON<br>(22/03/2021) | English language(3) | AN 70.2<br>Identify the lymphoid tissue under the microscope and describe microanatomy of lymph node, spleen thymus,tonsil and correlate the structure with function | PY10.5 (ii)<br>Describe and discuss structure and functions of autonomic nervous system (ANS). | P: A : PY 2.11<br>Enumeration of Total RBC and Determination of absolute values                      | P-FAT(2):<br>C : PY 3.18<br>Amphibian raphs |          | CM-1.5<br>Describe the application of interventions at various levels of prevention | AN 13.3( Tutorial class)<br>Identify and describe the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements, blood and nerve supply of elbow joint, proximal and distal radioulnar joint, wrist joint and first carpometacarpal joint. |
|                     |                     |  |  | P: B & D:: BI11.4 Perform urine analysis to estimate and determine normal and abnormal constituents. |   |          |   |  |

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| TUE<br>(23/03/2021) | Basic<br>Computer skill<br>& ability to<br>access online<br>resources(1) | PY5.1<br>Describe the<br>functional<br>anatomy of<br>heart<br>including<br>chambers,<br>sounds; and<br>Pacemaker<br>tissue and<br>conducting<br>system | AN 5.1<br>General<br>Anatomy<br>Differentiate<br>between<br>blood<br>vascular and<br>lymphatic<br>system<br>AN 5.2<br>Differentiate<br>between<br>pulmonary<br>and<br>systemic<br>circulation<br>AN 5.5<br>Describe<br>portal<br>system<br>giving<br>examples | P: B : PY 2.11<br>Enumeration<br>of Total RBC<br>and<br>Determination<br>of absolute<br>values | P-FAT(2):<br>D : PY 3.18<br>Amphibian<br>raphs |  | BI2.1.2 Explain<br>fundamental<br>concepts of<br>enzyme,...  | P-FAT(2)  |
| WED<br>(24/03/2021) | Basic<br>Computer skill<br>& ability to<br>access online<br>resources(2) | T-FAT-2 BIO  | Anatomy<br>AN 7.2<br>List<br>components<br>of nervous<br>tissue and<br>their<br>functions<br>An 7.3<br>Describe<br>parts of a<br>neuron and<br>classify<br>them based<br>on number<br>of neurites ,<br>size and<br>function.                                  | P: C : PY 2.11<br>Enumeration<br>of Total RBC<br>and<br>Determination<br>of absolute<br>values | P-FAT(2):<br>A : PY 3.18<br>Amphibian<br>raphs |  | PY10.5 (iii)<br>Describe and<br>discuss structure<br>and functions of<br>autonomic<br>nervous system<br>(ANS). | AN 21.3<br>Describe and<br>demonstrate the<br>boundaries of<br>thoracic inlet<br>cavity and<br>outlet |

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| THU<br>(25/03/2021) | Basic<br>Computer skill<br>& ability to<br>access online<br>resources(3) | Genetics<br>AN 74.3<br>Describe<br>multifactorial<br>inheritance<br>with examples | PY5.2<br>Describe the<br>properties of<br>cardiac<br>muscle<br>including its<br>morphology,<br>electrical,<br>mechanical<br>and<br>metabolic<br>functions. | P: D : PY 2.11<br>Enumeration<br>of Total RBC<br>and<br>Determination<br>of absolute<br>values | P-FAT(2): B<br>: PY 3.18<br>Amphibian<br>raphs  |  | BI5.1.3)Describe<br>and discuss<br>structural<br>organization of<br>proteins.  | AN 21.4,<br>Describe and<br>demonstrate<br>extent,<br>attachment and<br>direction of<br>fibres nerve<br>supply and<br>action of<br>intercostal<br>muscles<br>AN 21.1<br>(Sternum &<br>Ribs) |
| FRI<br>(26/03/2021) | Basic<br>Computer skill<br>& ability to<br>access online<br>resources(4) | PY5.3 Discuss<br>the events<br>occurring<br>during the<br>cardiac cycle.          | Histology<br>AN 25.1<br>Identify and<br>draw a slide<br>of trachea<br>and lung   | T-FAT2 PHY   | SGT 5<br>PY3.7<br>Describe the<br>different<br>types of<br>muscle<br>fibres and<br>their<br>structure |  | Histology<br>AN 70.1<br>Identify exocrine<br>gland under the<br>microscope and<br>distinguish<br>between serous,<br>mucous and<br>mixed acini. | AN 21.4,<br>AN 21.5<br>Describe and<br>demonstrate<br>origin , course,<br>relations and<br>branches of a<br>typical<br>intercostal<br>nerve.<br>AN 21.1<br>(Sternum &<br>Ribs)              |
| SAT<br>(27/03/2021) | Role of Yoga   |   | English<br>language(1)   | English language(2,3)  |   |  | Documentation  |   |

**SUN(28/03/2021)- HOLIDAY**

**AITO WEEK**

| WK 9                       | 9 - 10 am  | 10 – 11 am   | 11 - 01 pm  | 1 - 2 pm | 2-3 pm   | 3 – 5 pm  |
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| <b>MON</b><br>(29/03/2021) | Basic Computer skill & ability to access online resources  |  |   |          | Local language/English Language(English Movie)   |   |
| <b>TUE</b><br>(30/03/2021) | PY-2.3- Describe and discuss the synthesis and functions of Hemoglobin; explain its breakdown<br>PY-2.5- Describe different types of anemia<br>PY-2.3- Describe variants of hemoglobin | BI5.2 Describe and discuss functions of proteins and structure-function relationships in relevant areas eg, hemoglobin and selected hemoglobinopathies | P::A & C :PY-2.11 Estimation of Hemoglobin<br><br>P-FAT(2)-BI B & D |          | T-FAT2-ANA   | AN 21.6<br>Mention origin, course and branches or tributaries of<br>a) anterior and posterior intercostal vessels<br>b) Internal thoracic vessels<br>AN 21.2<br>(Vertebrae)             |
| <b>WED</b><br>(31/03/2021) | BI6.11 Describe the functions of haem in the body and describe the processes involved in its metabolism and describe porphyrin metabolism  | PY-2.4- Describe RBC formation (erythropoiesis & its regulation) and its functions   | P::B & D :PY-2.11 Estimation of Hemoglobin<br><br>P-FAT(2)-BI A & C |          | General Anatomy<br>AN 7.5 Describe principles of sensory and motor innervations of muscles<br>AN 7.6 Describe concept of loss of innervation of a muscle with its applied anatomy. | AN 21.6<br>AN 21.2 (Vertebrae)<br>AN 21.8, Describe and demonstrate type, articular surfaces and movements of manubriosternal, costovertebral, costotransverse and xiphisternal joints. |
| <b>THU</b><br>(01/04/2021) | English language/Local language (Odia Movie)   |  |   |          | English language   |   |
| <b>FRI</b><br>(02/04/2021) | Feedback of students on Foundation Course  |  |   |          |  |   |
| <b>SAT</b><br>(03/04/2021) | CM SDL 1   | PHY SDL- 3   | AETCOM-1(b)-What does it mean to be a doctor?                       |          | BIO SDL 3  | ANA SDL 3   |

| WK 10               | 9 - 10 am   | 10 – 11 am  | 11 - 01 pm   | 1 - 2 pm | 2-3 pm  | 3 – 5 pm  |
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| MON<br>(05/04/2021) | Sympathetic and parasympathetic nerves  | PY10.5 (iv) Describe and discuss structure and functions of autonomic nervous system (ANS). | P:: A & C :PY 2.12 Describe test for ESR, Osmotic fragility, Hematocrit<br>P: B & D BI11.4 Perform urine analysis to estimate and determine normal and abnormal constituents.  |          | CM- 1.6 Describe and discuss the concepts, the principles of Health promotion and Education, IEC and Behavioral change communication (BCC). | AN 21.11 Mention boundaries & contents of superior, anterior, middle & posterior mediastinum. Histology AN 70.2(Lymphoid tissue)  |
| TUE<br>(06/04/2021) | PY5.4 -Describe generation, conduction of cardiac impulse                                     | Histology AN 25.1 Identify and draw a slide of trachea and lung                             | P:: B & D :PY 2.12 Describe test for ESR, Osmotic fragility, Hematocrit<br>P: A & C: BI11.4 Perform urine analysis to estimate and determine normal and abnormal constituents. |          | BI2.3 Describe and explain the basic principles of enzyme activity  | AN 22.1 Describe and demonstrate subdivisions , sinuses in pericardium, blood supply and nerve supply of pericardium.<br><br>Histology AN 70.2(Lymphoid tissue)   |
| WED<br>(07/04/2021) | BI2.4 Describe and discuss enzyme inhibitors as poisons and drugs and as therapeutic enzymes. | Sympathetic and parasympathetic nerves  | ECE(2)-PHY- A & C- ANAEMIA<br><br>ECE(2)-BIO B& D  |          | PY3.9 Describe the molecular basis of muscle contraction in skeletal and in smooth muscles  | AN24.1 Mention the blood supply, lymphatic drainage and nerve supply of pleura, extent of pleura and describe the pleural recesses and their applied anatomy.<br><br>Histology AN 70.2(Lymphoid tissue) |

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| THU<br>(08/04/2021) | Genetics<br>AN 75.1<br>Describe the structural and numerical chromosomal aberration. | PY5.5-Describe the physiology of electrocardiogram (E.C.G), its applications and the cardiac axis   | ECE(2)-PHY B & D-ANAEMIA  |  |  | BI2.5 Describe and discuss the clinical utility of various serum enzymes as markers of pathological conditions.<br>BI2.6 Discuss use of enzymes in laboratory investigations (Enzyme-based assays) | AN 23.1<br>Describe and demonstrate the external appearance relations, blood supply lymphatic drainage and applied anatomy of oesophagus., AN 23.4, AN 23.5,AN 23.7<br>Mention the extent, branches and relations of arch of aorta and descending thoracic aorta.<br>Identify and mention the location and extent of thoracic sympathetic chain and lymphatic duct.<br><br>Histology<br>AN 70.2(Lymphoid tissue) |
|                     |  |   | ECE(2)-BIO A & C  |  |  |  |  |
| FRI<br>(09/04/2021) | PY3.12 Explain the gradation of muscular activity                                    | Embryology<br>AN 79.1,<br>AN 79.2<br>Describe formation and fate of primitive streak and notochord. | SGT 6<br>PY3.10<br>Describe the mode of muscle contraction (isometric and isotonic) | SGT 7<br>PY3.11<br>Explain energy source and muscle metabolism |  | Embryology<br>AN 79.1,<br>AN 79.2<br>Describe formation and fate of primitive streak and notochord.  | ECE(2)-ANA   |
| SAT<br>(10/04/2021) | Holiday Sports/ECA-1   |   |   |  |  |  |  |

**SUN-11/04/2021-HOLIDAY.**

| WK 11           | 9 - 10 am  | 10 – 11 am  | 11 - 01 pm   |   | 1 - 2 pm | 2-3 pm   | 3 – 5 pm   |
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| MON(12/04/2021) | AN 79.3,79.4<br>Describe the process of neurulation and development of somites and | PY5.6-<br>Describe abnormal ECG, arrhythmias, heart block | P:: A :PY 2.11<br>Determination of ABO & Rh Blood group. | P: C :<br>PY5.13<br>::Record and interpret normal |          | CM-1.7<br>Enumerate and describe health indicators | AN 23.2, AN 23.3<br>AN 23.4, AN 23.5<br>Describe and demonstrate the extent, relations, tributaries of thoracic duct, superior vena cava, azygous, hemiazygous and accessory hemiazygous vein. |



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|                  | intraembryonic coelom.   | and myocardial Infarction.  |   | ECG in a volunteer   |  |   | Histology<br>AN 70.2(Lymphoid tissue)   |
|                  |  |   | P: B & D: BI11.4 Perform urine analysis to estimate and determine normal and abnormal constituents. |  |  |   |   |
| TUE(13/04/2021)  | PY5.7 Describe and discuss haemodynamics of circulatory system Genetics      | AN 75.1 Describe the structural and numerical chromosomal aberration                        | P:: B :PY 2.11 Determination of ABO & Rh Blood group  | P: D : PY5.13 ::Record and interpret normal ECG in a volunteer |  | BI6.5 Describe the biochemical role of vitamins in the body and explain (Vit-A)       | AN 24.1<br>AN24.2 Identify side, external features and relations of structures which form root of lung and bronchial tree and their clinical correlate.<br>Histology<br>AN 25.1 (Trachea and Lungs) |
|                  |  |   | P: A & C: BI11.4 Perform urine analysis to estimate and determine normal and abnormal constituents. |  |  |   |   |
| WED(14/04/2021)  | HOLIDAY Sports/ECA 2   |   |   |  |  |   |   |
| THU (15/04/2021) | AN52.1<br><br>Histology of cardio oesophageal junction and fundus of stomach | PY5.8 Describe and discuss local and systemic cardiovascular regulatory mechanisms          | P:: D :PY 2.11 Determination of ABO & Rh Blood group.   | P: B : PY5.13 ::Record and interpret normal ECG in a volunteer |  | BI6.2 Describe and discuss the metabolic processes in which nucleotides are involved. | AN 21.9 Describe and demonstrate mechanics and types of respiration.  |
|                  |  |   | BI-SGT 4  |  |  |   |   |
| FRI(16/04/2021)  | PY4.1 Describe the structure and functions of digestive system               | AN 25.2 Describe development of coelomic cavities (pleural sac, pericardial sac)<br>AN 52.5 | P:: C :PY 2.11 Determination of ABO & Rh Blood group  | P: A : PY5.13 ::Record and interpret normal ECG in a volunteer |  | Applied anatomy of lungs  | AN 22.1 Describe and demonstrate subdivisions,sinuses in pericardium ,blood supply and nerve supply of pericardium<br>Histology<br>AN 25.1 (Trachea and Lungs)                                      |

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|                 |          | Describe the development and congenital anomalies of diaphragm | BI-SGT 4                                       |  |           |           |
| SAT(17/04/2021) | CM SGT 4 | PHY SDL 4  | SDL AETCOM-1-What does it mean to be a doctor? |  | BIO-SDL 4 | Ana SDL 4 |

***SUN-18/04/2021-HOLIDAY***

| WK 12               | 9 - 10 am   | 10 – 11 am   | 11 - 01 pm   | 1 - 2 pm | 2-3 pm   | 3 – 5 pm   |
|---------------------|---|--|--|----------|--|--|
| MON(19/04/2021)     | AN24.2<br>External features and relations of structures which form root of lung and bronchial tree and their clinical correlate.<br>AN 24.3<br>Describe a bronchopulmonary segment. | PY4.2 Describe the composition, mechanism of secretion, functions, and regulation of <b>saliva</b> , gastric, pancreatic, intestinal juices and bile secretion                     | P: A & C : PY2.11<br>::BT/CT<br><br>P: B & D: BI11.4<br>Perform urine analysis to estimate and determine normal and abnormal constituents. |          | CM- 1.8<br>Describe the Demographic profile of India and discuss its impact on Health. | AN 22.2<br>Describe and demonstrate external and internal features of each chamber of heart.<br><br>Histology<br>AN 25.1<br>(Trachea and Lungs)      |
| TUE (20/04/2021)    | PY5.9 Describe the factors affecting <b>heart rate</b> , regulation of cardiac output & blood pressure  | AN24.2<br>External features and relations of structures which form root of lung and bronchial tree and their clinical correlate.<br>AN 24.3<br>Describe a bronchopulmonary segment | P: B & D : PY2.11<br>::BT/CT<br><br>P: A & C: BI11.4<br>Perform urine analysis to estimate and determine normal and abnormal constituents. |          | T-FAT(3)-BIO   | AN 22.3<br>AN 22.5<br>Describe and demonstrate the formation ,course,branches of coronary arteries,andtributaries and termination of coronary sinus. |
| WED<br>(21/04/2021) | HOLIDAY sports/eca 3  |  |  |          |  |  |

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| THU (22/04/2021) | AN 13.8 Foldings and foetal period and describe development of upper limb.                            | PY4.2 Describe the composition, mechanism of secretion, functions, and regulation of saliva, <b>gastric</b> , pancreatic, intestinal juices and bile secretion | ECE 3-PHY -B & D |  | BI6.2 Describe and discuss the metabolic processes in which nucleotides are involved. | AN 22.6 Describe fibrous skeleton of heart<br>AN 22.7 Mention the parts, position, and arterial supply of the conducting system of heart. |
|                  |   |  | ECE 3 –BIO A & C |  |   |   |
| FRI (23/04/2021) | PY5.9 Describe the factors affecting heart rate, <b>regulation of cardiac output</b> & blood pressure | Genetics<br>AN 75.4 Describe genetic basis of variation , polymorphism and mutation  | ECE 3 PHY A & C  |  | AN 25.2 Describe development of respiratory system                                    | ECE 3-ANA   |
|                  |   |  | ECE 3- BIO A & C |  |   |   |
| SAT (24/04/2021) | HOLIDAY SPORTS/ECA 4  |  |                  |  |   |   |

**SUN (25/04/2021)-HOLIDAY**

| WK 13           | 9 - 10 am     | 10 – 11 am  | 11 - 01 pm           |   | 1 - 2 pm | 2-3 pm  | 3 – 5 pm  |
|-----------------|---------------|---|----------------------|---|----------|---|---|
| MON(26/04/2021) | T-FAT(3)- ANA | PY5.9 Describe the factors affecting heart rate, regulation of cardiac output & <b>blood pressure</b> | P-FAT(3)- A- HAEMATO | P::C :<br>PY5.12 Record blood pressure at rest.<br>PY 5.16 Examination of Arterial & Venous Pulse |          | CM-2.4 Describe social psychology, community behaviour and community relationship and their impact on health and disease. | AN25.7 Identify structures seen on a plain x-ray chest (PA view).<br>AN25.8 Identify and describe in brief a barium swallow.<br>AN25.9 Demonstrate surface marking of |

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|                  |  |  | P-FAT(3) BIO-B & D  |   |  |   | lines of pleural reflection, lung borders and fissures, trachea, heart borders, apex beat & surface projection of valves of heart   |
| TUE (27/04/2021) | PY4.2 Describe the composition, mechanism of secretion, functions, and regulation of saliva, gastric, <b>pancreatic</b> , intestinal juices and bile secretion | AN 25.2 Describe development of primitive heart and definitive heart   | P-FAT(3)-B-<br>HAEMATO  | P:: D:<br>PY5.12 Record blood pressure at rest.<br>PY 5.16 Examination of Arterial & Venous Pulse |  | BI6.5 Describe the biochemical role of vitamins in the body and explain (Vit-D)                         | REVISION- Upper limb and Thorax.  |
|                  |  |  | P-FAT-BIO(3) –A & C   |   |  |   |   |
| WED(28/04/2021)  | BI8.1 Discuss the importance of various dietary components and explain importance of dietary fibre.  | AN 22.3 Describe origin course and branches of coronary arteries.<br>AN 22.4 Describe anatomical basis of ischaemic heart disease.                 | P-FAT(3)-C-<br>HAEMATO  | P:: A:<br>PY5.12 Record blood pressure at rest.<br>PY 5.16 Examination of Arterial & Venous Pulse |  | PY5.9 Describe the factors affecting heart rate, regulation of cardiac output & <b>blood pressure</b> . | P-FAT(3)-ANA  |
|                  |  |  | P: B & D: BI11.20 Identify abnormal constituents in urine, interpret the findings and correlate these with pathological states. |   |  |   |   |
| THU (29/04/2021) | AN 25.6 Mention development of aortic arch arteries SVC,IVC,and coronary sinus.  | PY4.2 Describe the composition, mechanism of secretion, functions, and regulation of saliva, gastric, <b>pancreatic</b> , <b>intestinal juices</b> | P-FAT(3)-D-<br>HAEMATO  | P:: B:<br>PY5.12 Record blood pressure at rest.<br>PY 5.16 Examination of Arterial & Venous       |  | BI8.2 Describe the types and causes of protein energy malnutrition and its effects.                     | AN44.1 Describe and demonstrate the planes ,regions and quadrants of abdomen.<br>AN44.2 Describe and identify the fascia,nerves,and |

|                  |  |  |   |   |  |   |  |
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|                  |  | and bile secretion   |   | Pulse   |  |   | blood vessels of anterior abdominal wall.  |
|                  |  |  | P: A & C: BI11.20 Identify abnormal constituents in urine, interpret the findings and correlate these with pathological states. |   |  |   |  |
| FRI(30/04/2021)  | PY5.10 Describe & discuss regional circulation including microcirculation, capillary circulation | AN 25.6 Mention development of aortic arch arteries SVC,IVC,and coronary sinus | T-FAT (3)-PHY   | SGT 8<br>PY3.13 Describe muscular dystrophy: myopathies |  | Genetics<br>AN -75.5 Describe the principles of genetic counselling | AN44.6 Describe and demonstrate attachments of muscles of anterior abdominal wall. |
| SAT (01/05/2021) | CM SGT 5   | PHY-SDL 5  | AETCOM-2 (A)  |   |  | BIO-SDL 5   | ANA-SDL 5  |

**SUN (02/05/2021)-HOLIDAY**

| WK 14               | 9 - 10 am   | 10 – 11 am   | 11 - 01 pm  |                              | 1 - 2 pm | 2-3 pm   | 3 – 5 pm  |
|---------------------|---|--|---|------------------------------|----------|--|---|
| MON<br>(03/05/2021) | AN25.2 Formation of cardiac loop,changes in interior of heart | PY4.3 Describe GIT movements, regulation and functions. Describe defecation reflex. Explain role of dietary fibre. | P:A: PY5.12 Record blood pressure & pulse at rest and in different grades of exercise in volunteer  | P:C: PY3.14Perform Ergograph |          | CM2.5 Describe poverty and social security measures and its relationship to health and disease | AN 44.6 Describe and demonstrate attachments of muscles of anterior abdominal wall<br>AN44.2,<br>AN44.3 Describe and identify the fascia,nerves,and blood vessels of anterior abdominal wall and rectus sheath<br>Histo.<br>AN 70.1 Identify exocrine gland under the microscope and distinguish between serous, mucous and mixed acini and microanatomical structure of fundus and pylorus of stomach. |
|                     |   |  | P: B & D: BI11.18 Discuss the principles of spectrophotometry. BI11.6 Describe the principles of colorimetry. BI11.21 Demonstrate estimation of glucose, creatinine, urea and total protein in serum. BI3.10 Interpret the results of blood glucose levels. |                              |          |  |   |

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|                     |   |  |   |                                    |  |  | BI6.5 Describe the biochemical role of vitamins in the body and explain (Vit   |
| TUE<br>(04/05/2021) | PY5.10<br>Describe & discuss coronary, circulation  | AN 25.4<br>Describe embryological basis of congenital basis of ASD VSD ,fallots tetralogy trachea-oesophageal fistula. | P:B:<br>PY5.12<br>Record blood pressure & pulse at rest and in different grades of exercise in volunteer  | P:D:<br>PY3.14Perform<br>Ergograph |  | BI6.5 Describe the biochemical role of vitamins in the body and explain (Vit K)            | AN 44.4<br>Describe and demonstrate extent, boundaries, contents of inguinal canal including Hesselbach’s triangle<br>AN44.5<br>Explain the anatomical basis of inguinal hernia. Histo.<br>AN 70.1 |
|                     |   |  | P: A & C: BI11.18 Discuss the principles of spectrophotometry. BI11.6 Describe the principles of colorimetry. BI11.21 Demonstrate estimation of glucose, creatinine, urea and total protein in serum. BI3.10 Interpret the results of blood glucose levels. |                                    |  |  |  |
| WED<br>(05/05/2021) | BI7.1 .1<br>Describe the structure and functions of DNA and RNA and outline the cell cycle. | AN52.1<br><br>Histology of fundus of stomach and pylorus   | P:C:<br>PY5.12<br>Record blood pressure & pulse at rest and in different grades of exercise in volunteer  | P:A:<br>PY3.14Perform<br>Ergograph |  | PY4.4 Describe the physiology of digestion and absorption of nutrients.                    | AN 46.1<br>AN 46.2<br>AN 46.3<br>External Genitalia  |
|                     |   |  | BI-SGT 5  |                                    |  |  |  |
| THU<br>(06/05/2021) | AN44.3<br>Describe the formation of Rectus Sheath and its contents                          | PY5.10<br>Describe & discuss Cerebral & skin circulation.  | P:D:<br>PY5.12<br>Record blood pressure & pulse at rest and in different grades of exercise in volunteer  | P:B:<br>PY3.14Perform<br>Ergograph |  | BI7.1.2<br>Describe the structure and functions of DNA and RNA and outline the cell cycle. | Describe and identify the origin,course,important relations and branches of Inferior mesenteric vessels and Large intestine. AN 47.9   |
|                     |   |  | BI-SGT 5  |                                    |  |  |  |

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| FRI<br>(07/05/2021) | PY4.4<br>Describe the physiology of digestion and absorption of nutrients | Genetics | SGT 9 & 10 TU: PY5.10<br>Describe & discuss foetal, pulmonary and splanchnic circulation |  | AN52.2<br>Describe and identify the microanatomical features of urinary system (Kidney) | ECE-4 |
| SAT<br>(08/05/2021) | HOLIDAY SPORTS/ECA 5  |          |  |  |   |       |

**SUN (09/05/2021)- HOLIDAY**

| WK 15               | 9 - 10 am  | 10 – 11 am  | 11 - 01 pm  | 1 - 2 pm | 2-3 pm  | 3 – 5 pm   |
|---------------------|--|---|---|----------|---|--|
| MON<br>(10/05/2021) | Embryology<br>AN 80.1<br>AN 80.2<br>Describe formation , functions and fate of chorion , amnion,yolk sac , allantois and decidua and umbilical cord. | PY4.5 Describe the source of GIT hormones, their regulation and functions | P: A & C: PY5.15Demonstrate the correct clinical examination of the cardiovascular system in a normal volunteer<br>P: B & D: BI11.21<br>Demonstrate estimation of glucose, creatinine, urea and total protein in serum. |          | CM- 3.1 Describe the health hazards of air, water, noise, radiation and Pollution.  | AN 49.4<br>Describe and demonstrate boundaries ,content and applied anatomy of ischiorectal fossa<br>Histo<br>AN 52.1<br>Describe and demonstrate the microanatomical features of small intestine(Duodenum,Jejunum& ileum) |
| TUE<br>(11/05/2021) | PY5.11Describe the patho-physiology of shock, syncope and heart failure  | AN52.6<br>Describe the development and congenital anomalies of foregut    | P: B & D: PY5.15Demonstrate the correct clinical examination of the cardiovascular system in a normal volunteer<br>P: A & C: BI11.21<br>Demonstrate estimation of glucose, creatinine, urea and total protein in serum. |          | BI8.3 Provide dietary advice for optimal health in childhood and adult, in disease conditions like diabetes mellitus, coronary artery disease and in pregnancy. | AN 49.1<br>AN39.2<br>AN.49.3<br>Perineum<br>Histo<br>AN 52.1   |
| WED<br>(12/05/2021) | BI8.4 Describe the causes (including dietary habits), effects and health risks associated with being overweight/ obesity.                            | AN52.1<br><br>Histology of Small intestine                                | ECE-4 PHY A & C<br><br>ECE-4 BIO B & D  |          | PY4.9 Discuss the physiology aspects of: peptic ulcer, gastrooesophageal reflux disease vomiting, diarrhoea,  | AN 47.1<br>Describe and identify boundaries and recesses of lesser sac and greater sac<br>AN 47.2<br>Name and identify various peritoneal folds and pouches  |

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|                     |   |   |                 |  | constipation, Adynamic ileus, Hirschsprung's disease                                     | with its explanation<br>AN 47.5<br>Describe and demonstrate major viscera of abdomen under following headings( anatomical position, external and internal features , important peritoneal and other relations, blood supply, nerve supply ,lymphatic drainage and applied aspects |
| THU<br>(13/05/2021) | AN41.1<br>Describe and demonstrate parts and layers of eyeball. | PY5.11Describe the patho-physiology of shock, syncope and heart failure | ECE-4 PHY B & D |  | BI6.6.1<br>Describe the biochemical processes involved in generation of energy in cells. | AN 47.5<br>Liver  |
|                     |   |   | ECE-4 BIO A & C |  |  |   |
| FRI<br>(14/05/2021) | HOLIDAY SPORTS/ECA 6  |   |                 |  |  |   |
| SAT<br>(15/05/2021) | CM SGT 6  | Phys SDL 6  | AETCOM 2- (B)   |  | BIO SDL 6  | ANA SDL 6   |

**SUN (16/05/2021)- HOLIDAY**

**1<sup>st</sup> INTERNAL ASSESSMENT -1 WEEK**

| WK 16           | 9AM - 12 NOON(THEORY EXAM)<br>ALL STUDENTS TO ATTEND |  |            | 1 - 2 pm | 2 pm-4 pm (PRACTICAL EXAM)<br>Group- A, B, C, D |       |       |
|-----------------|--|--|------------|----------|---|-------|-------|
| MON(17/05/2021) | ANATOMY  |  |            | L        | ANA-A   | PHY-B | BIO-C |
| TUE(18/05/2021) | PHYSIOLOGY   |  |            | U        | ANA-B   | PHY-C | BIO-D |
| WED(19/05/2021) | BIOCHEMISTRY   |  |            | N        | ANA-C   | PHY-D | BIO-A |
| THU(20/05/2021) |  |  | ECE(5)-ANA | C        | ANA-D   | PHY-A | BIO-B |
| FRI(21/05/2021) | ECE(5)-BIO   |  | ECE(5)-PHY | H        | ANA SDL 20                                      |       |       |
| SAT(22/05/2021) | HOLIDAY  |  |            |          |   |       |       |

**SUN (23/05/2021)-HOLIDAY**



| WK 17           | 9 - 10 am   | 10 – 11 am  | 11 - 01 pm   | 1 - 2 pm | 2-3 pm   | 3 – 5 pm  |
|-----------------|---|---|--|----------|--|---|
| MON(24/05/2021) | AN52.2 Describe and identify the microanatomical features of urinary system (Urinary Bladder and Ureter ) | PY4.9 Discuss the physiology aspects of: peptic ulcer, gastroesophageal reflux disease, vomiting, diarrhoea, constipation, Adynamic ileus, Hirschsprung's disease | P:A & C: PY5.14 Observe cardiovascular autonomic function tests in a volunteer                     |          | CM- 3.2 Describe concepts of safe and wholesome water, sanitary sources of water, water purification processes, water quality standards, concepts of water conservation and rainwater harvesting | AN 45.1 Describe thoraco lumbar fascia<br>Kidney from back<br>Removal of spinal cord<br>Histo<br>AN 52.1 Large intestine, Appendix, Gallbladder .   |
|                 |   |   | P: B & D: BI11.21 Demonstrate estimation of glucose, creatinine, urea and total protein in serum.  |          |  |   |
| TUE(25/05/2021) | PY6.1 Describe the functional anatomy of respiratory tract.   | AN 80.3 Describe formation of placenta, its physiological functions, foetal circulation and placental barrier   | P:B & D: PY5.14 Observe cardiovascular autonomic function tests in a volunteer                     |          | BI6.6 Describe the biochemical processes involved in generation of energy in cells.  | AN 47.5 Spleen<br>AN 47.9 Describe and identify the origin, course, important relations and branches of Abdominal aorta, Coeliac trunk, Superior mesenteric, Inferior mesenteric and Common iliac artery<br>AN 52.1 Large Intestine, Appendix, Gall |
|                 |   |   | P: A & C: BI11.21 Demonstrate estimation of glucose, creatinine, urea and total protein in serum.. |          |  |   |

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|-----------------|--|---|-------------------|--------------|--|--|---|
|                 |  |   |                   |              |  |  | Bladder   |
| WED(26/05/2021) | BI8.4 Describe the causes (including dietary habits), effects and health risks associated with being overweight/obesity.<br>BI8.5 Summarize the nutritional importance of commonly used items of food including fruits and vegetables.(macro-molecules & its importance) | AN 52.6<br>Describe the development and congenital anomalies of foregut.  | ECE-6 PHY (A & C) |              |  | PY7.1 Describe structure and function of kidney.   | ECE-6 ANA   |
|                 |  |   | ECE-6 BIO(B & D)  |              |  |  |   |
| THU(27/05/2021) | AN41.1<br>Describe and demonstrate parts and layers of eyeball.  | PY6.2 Describe the mechanics of normal respiration, pressure changes during ventilation, lung volume and capacities, alveolar surface tension, compliance, airway resistance, ventilation, V/P ratio, diffusion capacity of lungs | ECE-6 PHY (B & D) |              |  | BI6.6.3<br>Describe the biochemical processes involved in generation of energy in cells. | Spleen<br>AN 47.9<br>Describe and identify the origin,course,important relations and branches of Abdominal aorta,<br>Coeliac trunk,<br>Superior mesenteric, Inferior mesenteric and Common iliac artery.<br>HISTO<br>AN: 52.1<br>LIVER & PANCREA S. |
|                 |  |   | ECE-6 BIO(A & C)  |              |  |  |   |
| FRI(28/05/2021) | PY7.2 Describe the   | AN52.1  | SGT 11 PY4.8      | SGT 12 PY4.8 |  | Gross  | AN47.5  |

|                 |   |                                       |   |  |  |            |   |
|-----------------|---|---------------------------------------|---|--|--|------------|---|
|                 | structure and functions of juxta glomerular apparatus and role of renin-angiotensin system. | Histology of Large intestine&appendix | Describe & discuss gastric function tests, pancreatic exocrine function tests | Liver function tests.<br>PY4.6 Describe the Gut-Brain Axis |  | Peritoneum | <b>STOMACH HISTOAN: 52.1 LIVER &amp; PANCREAS</b> |
| SAT(29/05/2021) | CM SDL 2  | PHY SDL 7                             | AETCOM 2 -SDL   |  |  | BIO SDL 7  | ANA SDL 7   |

**SUN (30/05/2021)-HOLIDAY**

| WK 18           | 9 - 10 am   | 10 – 11 am  | 11 - 01 pm  |  | 1 - 2 pm | 2-3 pm   | 3 – 5 pm   |
|-----------------|---|---|---|--|----------|--|--|
| MON(31/05/2021) | Histology<br><b>AN 52.1</b><br>Microanatomical features of Liver  | PY6.2 Describe the mechanics of normal respiration, pressure changes during ventilation, lung volume and capacities, alveolar surface tension, compliance, airway resistance, ventilation, V/P ratio, diffusion capacity of lungs | P: A :PY4.10 Demonstrate the correct clinical examination of the abdomen in a normal volunteer. | P: C: PY6.8 Demonstrate the correct technique to perform & interpret Spirometry.<br><br>PY6.7- PFT<br>PY6.10- PEFR |          | CM-3.3 Describe the aetiology and basis of water borne diseases /jaundice/hepatitis/ diarrheal diseases. | <b>AN 45.1</b><br><b>Describe thoracolumbar fascia</b><br><b>Kidney from back</b><br><b>Removal of spinal cord</b><br><b>AN 52.1</b><br>Large Intestine, Appendix,Gall Bladder |
| TUE(01/06/2021) | PY7.3 Describe the mechanism of urine formation involving processes of filtration, tubular reabsorption & secretion; concentration and diluting | <b>AN 80.4</b><br>Describe embryological basis of Twinning in monozygotic and dizygotic twins.  | P: B :PY4.10 Demonstrate the correct clinical examination of the abdomen in a normal volunteer. | P: D: PY6.8 Demonstrate the correct technique to perform & interpret Spirometry.<br><br>PY6.7- PFT<br>PY6.10- PEFR |          | BI6.13,6.14,6.15 Describe the functions of the kidney, liver, thyroid and adrenal glands.                | <b>AN 47.9</b><br>Describe and identify the origin, course, important relations and branches of <b>Superior mesenteric artery and small intestine.</b>                         |

|                 |  |  |   |   |  |   |   |
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|                 | mechanism.   |  | A & C BI11.21 Demonstrate estimation of glucose, creatinine, urea and total protein in serum.       |   |  |   |   |
| WED(02/06/2021) | BI3.2 Describe the processes involved in digestion and assimilation of carbohydrates and storage.<br>BI3.3 Describe and discuss the digestion and assimilation of carbohydrates from food. | Embryology<br><b>AN 52.6</b><br>Describe the development and congenital anomalies of foregut.  | P: C : PY4.10<br>Demonstrate the correct clinical examination of the abdomen in a normal volunteer. | P: A: PY6.8<br>Demonstrate the correct technique to perform & interpret Spirometry.<br><br>PY6.7- PFT<br>PY6.10- PEFR                       |  | PY6.2 Describe the mechanics of normal respiration, pressure changes during ventilation, lung volume and capacities, alveolar surface tension, compliance, airway resistance, ventilation, V/P ratio, diffusion capacity of lungs | Describe and identify the origin,course,important relations and branches of <b>Inferior mesenteric vessels and Large intestine. AN 47.9</b> |
|                 |  |  | BI-SGT 6  |   |  |   |   |
| THU(03/06/2021) | Gross Stomach  | PY7.3 Describe the mechanism of urine formation involving processes of filtration, tubular reabsorption & secretion; concentration and diluting mechanism. | P: D : PY4.10<br>Demonstrate the correct clinical examination of the abdomen in a normal volunteer. | P: B: PY6.8<br>Demonstrate the correct technique to perform & interpret Spirometry.<br><br>PY6.7- PFT<br>PY6.10- PEFR                       |  | BI3.4 Define and differentiate the pathways of carbohydrate metabolism,   | <b>AN47.5<br/>DUODENUM &amp;<br/>PANCREAS</b>   |
|                 |  |  | BI-SGT 6  |   |  |   |   |
| FRI(04/06/2021) | PY6.3 Describe and discuss the transport of respiratory gases: Oxygen and Carbon dioxide.  | Histology<br><b>AN 52.1</b><br>Microanatomical features of Gallbladder & Pancreas  | SGT 13 : PY6.4<br>Describe and discuss the physiology of high altitude and deep sea Diving.         | SGT 14: PY6.5<br>Describe and discuss the principles of artificial respiration, oxygen therapy, acclimatization and decompression sickness. |  | <b>AN 81.1</b><br>Describe various methods of prenatal diagnosis<br><b>AN 81.2</b><br>Describe indications , process and disadvantages  | <b>AN47.5<br/>KIDNEY</b>  |

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|-----------------|----------|-----------|-------------|--|--|--|-----------|
|                 |          |           |             |  |  | of amniocentesis<br><b>AN 81.3</b><br>Describe indications, process and disadvantages of chorion villus biopsy |           |
| SAT(05/06/2021) | CM SGT 7 | PHY SDL 8 | AETCOM-3(A) |  |  | BIO SDL 8  | ANA SDL 8 |

**SUN (06/06/2021)-HOLIDAY**

| WK 19               | 9 – 10 am   | 10 – 11 am  | 11 - 01 pm  | 1 – 2 pm | 2-3 pm   | 3 – 5 pm  |
|---------------------|---|---|---|----------|--|---|
| MON<br>(07/06/2021) | Embryology<br><b>AN 52.6</b><br>Describe the development and congenital anomalies of foregut. | PY6.3 Describe and discuss the transport of respiratory gases: Oxygen and Carbon dioxide. | P: A & C: PY6.9 Demonstrate the correct clinical examination of the respiratory system in a normal volunteer.<br>BI11.6 Describe the principles of colorimetry.<br>BI11.18 Discuss the principles of spectrophotometry. |          | CM- 3.4- Describe the concept of solid waste, human excreta and sewage disposal  | <b>AN 47.13</b><br>The <b>Diaphragm</b> & posterior abdominal wall muscles.   |
| TUE<br>(08/06/2021) | PY7.4 Describe & discuss the significance & implication of Renal clearance                    | GROSS   | P: B & D: PY6.9 Demonstrate the correct clinical examination of the respiratory system in a normal volunteer.<br>BI11.6 Describe the principles of colorimetry.<br>BI11.18 Discuss the principles of spectrophotometry  |          | BI6.13,6.14,6.15 Describe the functions of the kidney, liver, thyroid and adrenal glands                                     | <b>AN 47.8 Portal v.&amp; inferior vena cava.</b><br><b>AN 47.9 Abdominal aorta.</b><br><b>AN 47.12 Nerve plexus of posterior abd.wall.</b>                                 |
| WED<br>(09/06/2021) | BI3.4 Define and differentiate the pathways of carbohydrate metabolism,                       | <b>AN: 52.7</b><br>Describe the development of urinary system.                            | ECE-7 –PHY (A & C)<br>ECE-7-BIO (B & D)   |          | PY6.6 Describe and discuss the pathophysiology of <b>dyspnoea, hypoxia, cyanosis asphyxia</b> ; drowning, periodic breathing | <b>AN 47.8 Portal v.&amp; inferior vena cava.</b><br><b>AN 47.9 Abdominal aorta.</b><br><b>AN 47.12 Nerve plexus of posterior abd.wall.</b><br><b>AN52.2Microanatomical</b> |

|                            |  |  |                         |  |  |  |
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|                            |  |  |                         |  |  | features of Ureter & urinary bladder   |
| <b>THU</b><br>(10/06/2021) | <b>HOLIDAY</b> ECE 7 Phy B & D, BioA & C   |  |                         |  |  |  |
| <b>FRI</b><br>(11/06/2021) | PY7.5 Describe the renal regulation of fluid and electrolytes & acid-base Balance. | <b>AN:52.2</b> Microanatomical features of Urinary system : Kidney | ECE-7- Ana (A, B, C, D) |  | <b>AN52.2</b> Microanatomical features of Ureter & urinary bladder | <b>Introduction to pelvis &amp; Muscles of pelvic diaphragm AN 48.1</b><br><b>AN52.2</b><br><b>HISTO:KIDNEY, URETER , URINARY BLADDER.</b> |
| <b>SAT</b><br>(12/06/2021) | <b>HOLIDAY SPORTS/ECA 7</b>  |  |                         |  |  |  |

**SUN (13/06/2021) - HOLIDAY**

**AITO- WEEK (JAUNDICE)**

| <b>WK 20</b>               | <b>9 – 10 am</b>   | <b>10 – 11 am</b>                           | <b>11 - 01 pm</b>   | <b>1 – 2 pm</b> | <b>2-3 pm</b>                      | <b>3 – 5 pm</b>  |
|----------------------------|--|---|---|-----------------|------------------------------------|--|
| <b>MON</b><br>(14/06/2021) | <b>HOLIDAYS SPORTS/ECA 8 &amp; 9</b>   |   |   |                 |                                    |  |
| <b>TUE</b><br>(15/06/2021) |  |   |   |                 |                                    |  |
| <b>WED</b><br>(16/06/2021) | AN47.5 Describe & demonstrate LIVER under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) | PY2.5 Describe different types of Jaundice. | ECE-8 PHY A & C- 4.2,4.8,4.9<br><br>P: B & D: BI6.14 Describe the tests that are commonly done in clinical practice to assess the functions of liver. |                 | PY4.2: Describe & Discuss the BILE | <b>AN48.3 &amp; 48.4 Pelvic wall &amp; internal 37liac artery, sacral plexus AN52.2</b><br><b>HISTO:KIDNEY, URETER , URINARY BLADDER</b> |

|                     |  |  |   |  |   |                       |
|---------------------|--|--|---|--|---|-----------------------|
| THU<br>(17/06/2021) | AN47.5 Describe & demonstrate LIVER under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) | PY4.7 Describe & discuss the functions of liver and gall bladder | ECE-8 PHY B & D- 4.2,4.8,4.9  |  | BI6.15 Describe the abnormalities of Liver Function Test.                         | AN48.2 PELVIC VISCERA |
|                     |  |  | P: A & C: BI6.14 Describe the tests that are commonly done in clinical practice to assess the functions of liver. |  |   |                       |
| FRI<br>(18/06/2021) | PY6.6 Describe and discuss the pathophysiology of dyspnoea, hypoxia, cyanosis asphyxia; drowning, periodic breathing   | AN: 52.7 Describe the development of male genital system         | ECE-8 BIO JAUNDICE  |  | AN:52.2 Microanatomical features of Male reproductive system : Testis, Epididymis | ECE-8 ANA             |
| SAT<br>(19/06/2021) | CM SGT 8   | PHY SDL 9  | AETCOM 3(B)   |  | BIO SDL 9   | ANA SDL 9             |

**SUN (20/06/2021)- HOLIDAY**

| WK 21               | 9 – 10 am                                | 10 – 11 am  | 11 - 01 pm  | 1 – 2 pm | 2-3 pm  | 3 – 5 pm              |
|---------------------|--|---|---|----------|---|-----------------------|
| MON<br>(21/06/2021) | Dev. Of mid gut<br>AN.52.6               | PY7.5 Describe the renal regulation of fluid and electrolytes & acid-base Balance | P-FAT (4)- A – CVS  |          | CM3.6 Describe the role of vectors in the causation of diseases. Also discuss National Vector Borne disease Control Program |                       |
|                     |  |   | BI11.21 Demonstrate estimation of glucose, creatinine, urea and total protein in serum. BI11.7 Demonstrate the estimation of serum creatinine and creatinine clearance. |          |   |                       |
| TUE<br>(22/06/2021) | ENDOCRINE-Gen Principle, MOA, Regulation | Microanatomical features of Male reproductive system Vas,prostate,                | P-FAT(4)- B -CVS  |          | BI6.13,6.14,6.15 Describe the functions of the kidney, liver, thyroid and adrenal glands.                                   | AN48.2 PELVIC VISCERA |
|                     |  |   | BI11.21 Demonstrate estimation of glucose, creatinine, urea and total protein   |          |   |                       |

|                     |   |   |  |   |  |  |
|---------------------|---|---|--|---|--|--|
|                     |   | seminal vesicle<br><b>AN:52.2</b>   | in<br>serum. BI11.7<br>Demonstrate the<br>estimation of serum<br>creatinine and<br>creatinine clearance. |   |  |  |
| WED<br>(23/06/2021) | T-FAT(4)  | Gross   | P-FAT (4)- C –<br>CVS<br>P-FAT(4)- B & D<br>-BIO   |   | PY7.6 Describe the<br>innervations of<br>urinary bladder,<br>physiology of<br>micturition and its<br>abnormalities | Surface marking<br>and radiology<br>Of Abd and<br>pelvis<br><br><b>AN 55.1</b><br><b>AN 55.2</b>   |
| THU<br>(24/06/2021) | <b>AN: 52.7</b><br>Describe the<br>development of<br><b>Genital ducts.</b>    | PY8.2 Describe the<br>synthesis,<br>secretion, transport,<br>physiological<br>actions,<br>regulation and<br>effect of altered<br>(hypo and hyper)<br>secretion of<br>pituitary gland &<br>hypothalamus. | P-FAT (4)- D –<br>CVS<br>P-FAT (4)- A & C<br>–BIO  |   | BI3.4 Define and<br>differentiate the<br>pathways of<br>carbohydrate<br>metabolism,.                               | Skull osteology<br>Anatomical<br>position of skull<br>and locate<br>individual bones<br>in skull.<br><b>AN 26.1</b><br><b>Histo</b><br><b>52.2</b><br>Male<br>reproductive<br>system |
| FRI<br>(25/06/2021) | PY7.7 Describe<br>artificial kidney,<br>dialysis and renal<br>transplantation | Microanatomical<br>features of<br><b>Female<br/>reproductive<br/>system : Ovary</b><br><b>AN:52.2</b>   | T-<br>FAT(4)-<br>PHY   | SGT 15<br>PY7.8<br>Describe<br>&<br>discuss<br>Renal<br>Function<br>Tests | <b>Dev. Of<br/>Hindgut</b><br><b>AN.52.6</b>   | <b>AN26.2</b><br>Describe the<br>features of<br>norma frontalis<br>and verticalis<br><b>Histo</b><br><b>52.2</b><br>Male<br>reproductive<br>system                                   |
| SAT<br>(26/06/2021) | <b>HOLIDAY SPORTS/ECA 10</b>  |   |  |   |  |  |

**SUN (27/06/201)-HOLIDAY**



| WK 22               | 9 – 10 am   | 10 – 11 am   | 11 - 01 pm              | 1 – 2 pm | 2-3 pm   | 3 – 5 pm  |
|---------------------|---|--|-------------------------|----------|--|---|
| MON<br>(28/06/2021) | <b>T-FAT(4)-ANA</b>   | PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland. | Gr A & C – Stethography |          | CM3.7 Identify and describe the identifying features and life cycles of vectors of Public Health importance and their control measures                             | Revision of abd. Viscera And Histo<br>Revision of abd. Viscera And Histo. |
|                     |   |  | Gr B & D – ECE(9) Bio   |          |  |   |
| TUE<br>(29/06/2021) | PY7.9 Describe cystometry and discuss the normal cystometrogram.  | AN47.5 KIDNEY  | Gr B & D – Stethography |          | BI6.13,6.14,6.15 Describe the functions of the kidney, liver, thyroid and adrenal glands.  | Revision of abd. Viscera And Histo.                                       |
|                     |   |  | Gr C & A- ECE(9)- Bio   |          |  |   |
| WED<br>(30/06/2021) | BI9.1 List the functions and components of the extracellular matrix (ECM).  | <b>AN:52.2</b> Microanatomical features of fallopian tube& cervix.   | Gr C & A- ECE(9)-Phy    |          | PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of <b>pituitary gland</b> . | <b>P-FAT-4.</b>   |
|                     |   |  | BI-SGT 7                |          |  |   |
| THU<br>(01/07/2021) | AN 40.1 External ear  | PY10.1 Describe and discuss the organization of nervous system.  | Gr D & B- ECE(9)        |          | BI10.3 Describe the cellular and humoral components of the immune system & describe the types and structure of antibody  | Revision Of abd. Viscera And Histo.                                       |
|                     |   |  | BI-SGT 7                |          |  |   |
| FRI<br>(02/07/2021) | PY8.2Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of <b>adrenal gland</b> | Neuroanatomy   | ECE-9 Ana(Gp A,B,C,D)   |          | Enumerate cranial nerve nuclei with its functional components<br><b>AN: 62.1 ( Ist class)</b>  | Revision Of abd. Viscera And Histo.                                       |
| SAT<br>(03/07/2021) | CM SGT 9  | SDL-PHY 10   | AETCOM-3 SDL            |          | SDL-BIO 10   | SDL-ANA 10  |

**SUN (04/07/2021)-HOLIDAY**

| WK 23               | 9 - 10 am   | 10 – 11 am   | 11 - 01 pm   | 1 - 2 pm | 2-3 pm  | 3 – 5 pm  |
|---------------------|---|--|--|----------|---|---|
| MON<br>(05/07/2021) | <b>Dev. Of Branchial apparatus</b>  | PY10.2 Describe and discuss the functions and properties of <b>synapse</b> , reflex, receptors   | Gp A- PY10.11 Examination of Sensory system in a normal volunteer  |          | CM3.8 Describe the mode of action, application cycle of commonly used insecticides and rodenticides | Scalp<br>AN 27.1<br>AN 27.2<br>Face<br>AN28.1<br>AN28.2<br>AN28.3<br>AN28.6<br>AN28.8 |
|                     |   |  | BI-SGT 8   |          |   |   |
| TUE<br>(06/07/2021) | PY8.2Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of <b>adrenal gland</b> | <b>AN 40.2 Middle ear (1st Class)</b>  | Gp B - PY10.11 Examination of Sensory system in a normal volunteer   |          | BI6.13,6.14,6.15 Describe the functions of the kidney, liver, thyroid and adrenal glands.           | Deep fascia of neck<br>AN 32.1  |
|                     |   |  | BI-SGT 8   |          |   |   |
| WED<br>(07/07/2021) | BI9.2 Discuss the involvement of ECM components in health and disease.  | AN.43.4 Dev. Of Branchial apparatus  | Gp C - PY10.11 Examination of Sensory system in a normal volunteer   |          | PY10.2 Describe and discuss the functions and properties of synapse, <b>reflex</b> , receptors.     | Facial nerve<br>AN28.4<br>AN28.7  |
|                     |   |  | BI11.8 Demonstrate estimation of serum proteins, albumin and A:G ratio.<br>BI11.21 Demonstrate estimation of glucose, creatinine, urea and total protein in serum. |          |   |   |
| THU<br>(08/07/2021) | AN 40.2 Middle ear & auditory tube(2nd class)   | PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of <b>adrenal gland</b> | Gp D- PY10.11- Examination of Sensory system in a normal volunteer.  |          | BI6.13,6.14,6.15 Describe the functions of the kidney, liver, thyroid and adrenal glands.           | Parotid region<br>AN28.9<br>AN28.10   |
|                     |   |  | BI11.8 Demonstrate estimation of serum proteins, albumin and A:G ratio.<br>BI11.21 Demonstrate estimation of glucose, creatinine, urea and total protein in serum. |          |   |   |

|                     |   |              |                 |  |  |          |
|---------------------|---|--------------|-----------------|--|--|----------|
| FRI<br>(09/07/2021) | PY10.2 Describe and discuss the functions and properties of synapse, reflex, <b>receptors</b> . | Neuroanatomy | PHY-SGT 16 & 17 |  | Enumerate cranial nerve nuclei with its functional components<br><b>AN: 62.1 ( 2<sup>nd</sup> class)</b> | REVISION |
| SAT<br>(10/02/2021) | <b>HOLIDAY</b>  |              |                 |  |  |          |

***SUN (11/07/2021)-HOLIDAY***

| WK 24                | 9 - 10 am  | 10 – 11 am   | 11 - 01 pm  | 1 - 2 pm | 2-3 pm  | 3 – 5 pm   |
|----------------------|--|--|---|----------|---|--|
| MON<br>(12/07/2021)  | <b>HOLIDAY</b>   |  |   |          |   |  |
| TUES<br>(13/07/2021) | PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of <b>pancreas(1)</b> . | <b>AN:52.1</b><br>Microanatomical features of Adrenal gland  | Gp B- PY10.11<br>Examination of Motor system in a normal volunteer                              |          | BI6.13,6.14,6.15<br>Describe the functions of the kidney, liver, thyroid and adrenal glands.    | AN 32.2<br>Anterior triangle of neck   |
|                      |  |  | Gp A BI11.21<br>Demonstrate estimation of glucose, creatinine, urea and total protein in serum. |          |   |  |
| WED<br>(14/07/2021)  | BI3.6 Describe and discuss the concept of TCA cycle as a amphibolic pathway and its regulation.  | AN 26.2<br>Describe the features of norma frontalis and verticalis   | Gp C- PY10.11<br>Examination of Motor system in a normal volunteer                              |          | PY10.3 Describe and discuss somatic sensations & sensory tracts(1).                             | Neuro<br>AN56.1<br>Describe & identify various layers of meninges with its extent and modification |
|                      |  |  | Gp D BI11.21<br>Demonstrate estimation of glucose, creatinine, urea and total protein in serum. |          |   |  |
| THU<br>(15/07/2021)  | <b>AN 62.1</b><br>Hypoglossal nerve  | PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of <b>pancreas(2)</b> | Gp D- PY10.11<br>Examination of Motor system in a normal volunteer                              |          | BI3.9 Discuss the mechanism and significance of blood glucose regulation in health and disease. | AN35.7<br>Hypoglossal Nerve<br>Accessory Nerve   |
|                      |  |  | Gp B BI11.21<br>Demonstrate estimation of glucose,  |          |   |  |

|                     |  |               |   |  |   |   |
|---------------------|--|---------------|---|--|---|---|
|                     |  |               | creatinine, urea and total protein in serum.  |  |   |   |
| FRI<br>(16/07/2021) | PY10.3 Describe and discuss somatic sensations & sensory tracts(2) | Neuro anatomy | Gp A- PY10.11 Examination of Motor system in a normal volunteer<br>Gp C BII1.21 Demonstrate estimation of glucose, creatinine, urea and total protein in serum. |  | AN:43.2 Microanatomical features of Thyroid & Parathyroid | AN 30.1<br>AN30.2<br>AN30.3<br>Dural folds and Dural venous sinuses |
| SAT<br>(17/07/2021) | SPM-SDL  | PHY-SDL 11    | AETCOM-4(A)   |  | BIO-SDL 11  | ANA-SDL 11  |

**SUN-18/07/2021-HOLIDAY**

| WK 25           | 9 - 10 am   | 10 – 11 am  | 11 - 01 pm   | 1 - 2 pm | 2-3 pm  | 3 – 5 pm   |
|-----------------|---|---|--|----------|---|--|
| MON(19/07/2021) | AN.43.4 Dev. Of Branchial apparatus   | PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of <b>Hypothalamus</b> | Gp A- PY10.11 Examination of Cranial Nvs in a normal volunteer.<br>B & D BII1.9 Demonstrate the estimation of serum total cholesterol and HDLcholesterol |          | CM4.1 Describe various methods of health education with their advantages and limitations  | AN 62.6 Blood supply of brain                    |
| TUE(20/07/2021) | PY10.4 Describe and discuss motor tracts, mechanism of maintenance of Tone. | Internal ear  | Gp B- PY10.11 Examination of Cranial Nvs in a normal volunteer.<br>A & C BII1.9 Demonstrate the estimation of serum total cholesterol and HDLcholesterol |          | BI4.2 Describe the processes involved in digestion and absorption of dietary lipids and also the key features of their metabolism | AN57.1 Identify external features of spinal cord |
| WED(21/07/2021) | <b>HOLIDAY</b>  |   |  |          |   |  |
| THU(22/07/2021) | AN57.4 Enumerate ascending and  | PY8.3 Describe the physiology of Thymus & Pineal Gland  | Gp C- PY10.11 Examination of Cranial Nvs in a normal volunteer.  |          | BI3.7 Describe the common poisons that inhibit crucial enzymes. BI3.8   | AN31.1<br>AN31.2<br>AN31.3                       |

|                 |  |                              |  |  |   |  |
|-----------------|--|------------------------------|--|--|---|--|
|                 | descending tracts at mid thoracic level of spinal cord   |                              | Bio SGT 9  |  | Discuss and interpret laboratory results of analytes associated with metabolism of carbohydrates. | Orbit and extraocular muscles                              |
| FRI(23/07/2021) | PY10.4 Describe and discuss motor tracts, mechanism of control of body movements, posture and equilibrium. | AN 58.2<br>AN58.3<br>Medulla | Gp D- PY10.11 Examination of Cranial Nvs in a normal volunteer.<br><br>Bio SGT 9 |  | AN 58.1<br>Identify external features of Medulla oblongata  | AN 58.1<br>Identify external features of Medulla oblongata |
| SAT(24/07/2021) | HOLIDAY  |                              |  |  |   |  |

**SUN (25/07/2021)-HOLIDAY**

| WK 26               | 9 - 10 am                    | 10 – 11 am   | 11 - 01 pm                       | 1 - 2 pm | 2-3 pm   | 3 – 5 pm   |
|---------------------|------------------------------|--|----------------------------------|----------|--|--|
| MON<br>(26/07/2021) | T-FAT(5)-ANA                 | PY8.5 Describe the metabolic and endocrine consequences of obesity & metabolic syndrome(1) | P-FAT(5)- Gp-A<br>P-FAT(5)- Gp-D |          | CM4.2 Describe the methods of organizing health promotion and education and counselling activities at individual family and community settings | AN37.1<br>AN37.2<br>Nasal Cavity and paranasal air sinuses |
| TUE<br>(27/07/2021) | PY10.4 Vestibular apparatus  | AN 59.1<br>AN 59.2<br>Pons   | P-FAT(5)- Gp-B<br>P-FAT(5)- Gp-C |          | BI4.4 Describe the structure and functions of lipoproteins.  | Temporal & Infratemporal Fossa                             |
| WED<br>(28/07/2021) | T-FAT(5)-BIO                 | AN60.1<br>AN60.2<br>Cerebellum   | P-FAT(5)- Gp-C<br>P-FAT(5)- Gp-B |          | PY8.5 Describe the metabolic and endocrine consequences of obesity & metabolic syndrome(2)   | Temporo-mandibular joint                                   |
| THU<br>(29/07/2021) | AN61.1<br>AN61.2<br>Midbrain | PY10.5 Describe and discuss structure and functions of reticular activating System.        | P-FAT(5)- Gp-D<br>P-FAT(5)- Gp-A |          | BI4.3 Explain the regulation of lipoprotein metabolism & associated disorders  | Revision   |
| FRI<br>(30/07/2021) | T-FAT(5)-PHY                 | Pharyngeal pouches<br>AN 43.4  | PHY SGT 18 & 19                  |          | Pharyngeal pouches<br>AN 43.4  | P-FAT(5)-ANA   |
| SAT<br>(31/07/2021) | CM SDL 3                     | PHY SDL 12   | AETCOM-4(B)                      |          | BIO SDL 12   | ANA SDL 12   |

**AITO-WEEK(THYROID)**

| WK 27               | 9 - 10 am   | 10 – 11 am  | 11 - 01 pm  | 1 - 2 pm | 2-3 pm   | 3 – 5 pm   |                 |
|---------------------|---|---|---|----------|--|--|-----------------|
| MON<br>(02/08/2021) | AN 35.8.1<br>Describe the Anatomically relevant clinical features of Thyroid gland & Thyroid swelling.  | PY8.2<br>Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of thyroid gland. | Thyroid & parathyroid gland and their histology- Normal   |          | CM4.3. Demonstrate and describe the steps in evaluation of health promotion and education program. | Gp A - PY10.12<br>Identify normal EEG forms  | Gp C- SGT 20,21 |
|                     |   |   |   |          |  | Gp B & D- BI 6.13, 6.14<br>BI 6.15. Describe the tests that are commonly done in clinical practice to assess the functions of thyroid(TFT). Describe the abnormalities of TFT. |                 |
| TUE<br>(03/08/2021) | PY8.2<br>Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of thyroid gland. | AN 35.8.2<br>Development of thyroid & associated anomalies(LGT).  | Thyroid & parathyroid gland and their histology- Abnormal |          | BI6.13<br>Describe the functions of the thyroid.   | Gp B- PY10.12<br>Identify normal EEG forms   | Gp D- SGT 20,21 |
|                     |   |   |   |          |  | Gp A & C- BI 6.13, 6.14<br>BI 6.15<br>Describe the tests that are commonly done in clinical practice to assess the functions of thyroid. Describe the abnormalities of TFT.    |                 |

|                     |   |   |   |  |   |   |                    |
|---------------------|---|---|---|--|---|---|--------------------|
| WED<br>(04/08/2021) | BI6.13<br>Describe the functions of the thyroid                                       | Thyroid histology   | ECE-10<br>Dept of Ana, Bio & Phy-<br>All students thyroid disorders.          |  | PY8.2<br>Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of thyroid gland. | Inf extr<br>AN15.1<br>AN 15.2<br>AN15.3<br>Front of Thigh<br>Femoral triangle |                    |
| THU<br>(05/08/2021) | AN 62.2<br>Cerebral Hemisphere<br>Sulcus ,Gyri<br>Functional areas                    | PY10.6 Describe and discuss Spinal cord, its functions, lesion & sensory Disturbances | Inf extr<br>AN15.1<br>AN 15.2<br>AN15.3<br>Front of Thigh<br>Femoral triangle |  | . BI6.13<br>Describe the functions of the thyroid   | Gp D -<br>PY10.12<br>Identify normal EEG forms                                | Gp B-<br>SGT 20,21 |
|                     |   |   |   |  |   | Bio SGT 10  |                    |
| FRI<br>(06/08/2021) | PY10.6 Describe and discuss Spinal cord, its functions, lesion & sensory disturbances | AN 62.3<br>White matter Of cerebrum   | Inf.extr.<br>AN15.5<br>Adductor canal<br>Medial comp.of thigh                 |  | AN63.1<br>Fourth ventricle  | Gp C -<br>PY10.12<br>Identify normal EEG forms                                | Gp A-<br>SGT 20,21 |
|                     |   |   |   |  |   | Bio SGT 10  |                    |
| SAT<br>(07/08/2021) | CM-SGT 10   | PHY SDL 13  | AETCOM-4<br>SDL   |  | BIO SDL 13  | ANA SDL 13  |                    |

**SUN (08/08/2021)-HOLIDAY**

| WK 28               | 9 - 10 am  | 10 – 11 am  | 11 - 01 pm                         | 1 - 2 pm | 2-3 pm  | 3 – 5 pm  |                    |
|---------------------|--|---|------------------------------------|----------|---|---|--------------------|
| MON<br>(09/08/2021) | AN63.1<br>Lateral and Third ventricle  | PY8.6 Describe & differentiate the mechanism of action of steroid, protein and amine hormones | AN16.1<br>AN16.2<br>Gluteal Region |          | CM- SGT 11  | Gp-A PY10.20<br>Demonstrate Testing of visual acuity and colour vision. | Gp C-<br>SGT 22,23 |
|                     |  |   |                                    |          |   | B &D BI11.10 Demonstrate the estimation of triglycerides                |                    |
| TUE<br>(10/08/2021) | PY10.7 Describe and discuss functions of cerebral cortex and its abnormalities | Leg   | AN16.4<br>AN16.5<br>Back of Thigh  |          | BI4.5 Interpret laboratory results of analytes associated with metabolism of lipids | Gp-B PY10.20<br>Demonstrate Testing of visual acuity and colour         | Gp D-<br>SGT 22,23 |

|                     |  |   |                            |  |  |   |                   |
|---------------------|--|---|----------------------------|--|--|---|-------------------|
|                     |  |   |                            |  |  | vision  |                   |
|                     |  |   |                            |  |  | A &C BI11.10 Demonstrate the estimation of triglycerides                  |                   |
| WED<br>(11/08/2021) | BI4.5 Interpret laboratory results of analytes associated with metabolism of lipids  | Sole  | AN-- Basal ganglia<br>62.4 |  | PY9.1 Describe and discuss sex determination; sex differentiation and their abnormalities and outline psychiatry and practical implication of sex determination. | Gp-C<br>PY10.20<br>Demonstrate Testing of visual acuity and colour vision | Gp A-SGT<br>22,23 |
|                     |  |   |                            |  |  | Bio SGT 11  |                   |
| THU<br>(12/08/2021) | Histology of nervous system  | PY10.7 Describe and discuss functions of basal ganglia and its abnormalities. | AN- limbic lobe<br>62.4    |  | BI5.3 Describe the digestion and absorption of dietary proteins.   | Gp-D<br>PY10.20<br>Demonstrate Testing of visual acuity and colour vision | Gp B-SGT<br>22,23 |
|                     |  |   |                            |  |  | Bio SGT11   |                   |
| FRI<br>(13/08/2021) | PY9.1 Describe and discuss sex determination; sex differentiation and their abnormalities and outline psychiatry and practical implication of sex determination. | Neuroanatomy  | AN- Revision of brain      |  | Histology of endocrine system  | PHY SGT(24 & 25)  |                   |
| SAT<br>(14/08/20210 | Holiday  |   |                            |  |  |   |                   |

**SUN (15/08/2021)- Holiday**



| WK 29               | 9 - 10 am   | 10 – 11 am   | 11 - 01 pm   | 1 - 2 pm | 2-3 pm   | 3 – 5 pm   |                       |
|---------------------|---|--|--|----------|--|--|-----------------------|
| MON<br>(16/08/2021) | Soft palate   | PY10.7 Describe and discuss functions of Thalamus and its abnormalities, | ECE-11a<br>ANA- Roll 1-42<br>PHY-43-85<br>BIO-86-125 |          | CM-T   | Gp-A<br>PY10.20<br>Perimetry                                       | Gp C-<br>SGT<br>26,27 |
|                     |   |  |  |          |  | B & D BI11.11<br>Demonstrate estimation of calcium and phosphorous |                       |
| TUE<br>(17/08/2021) | PY9.3 Describe male reproductive system(1)                          | Submandibular region   | ECE-11b<br>ANA- Roll 43-85<br>PHY-86-125<br>BIO-1-42 |          | BI5.3 Describe the digestion and absorption of dietary proteins.             | Gp-B<br>PY10.20<br>Perimetry                                       | Gp D-<br>SGT<br>26,27 |
|                     |   |  |  |          |  | A & C BI11.11<br>Demonstrate estimation of calcium and phosphorous |                       |
| WED<br>(18/08/2021) | BI5.4 Describe common disorders associated with protein metabolism. | Larynx   | ECE-11c<br>ANA-Roll 86-125<br>PHY-1-42<br>BIO-43-85  |          | PY10.7 Describe and discuss functions of hypothalamus and its abnormalities. | Gp-C<br>PY10.20<br>Perimetry                                       | Gp A-<br>SGT<br>26,27 |
|                     |   |  |  |          |  | Bio SGT 12   |                       |
| THU<br>(19/08/2021) | Pharynx   | PY9.3, Describe male reproductive system(2)                              | Revision   |          | BI5.4 Describe common disorders associated with protein metabolism.          | Gp-D<br>PY10.20<br>Perimetry                                       | Gp B-<br>SGT<br>26,27 |
|                     |   |  |  |          |  | Bio SGT 12   |                       |
| FRI<br>(20/08/2021) | HOLIDAY   |  |  |          |  |  |                       |
| SAT<br>(21/08/2021) | CM-SDL 4  | PHY SDL 14   | AETCOM-5(A)  |          | BIO SDL 14   | ANA SDL 14   |                       |

**SUN (22/08/2021)-Holiday**

| WK 30               | 9 - 10 am                                      | 10 – 11 am  | 11 - 01 pm               | 1 - 2 pm | 2-3 pm  | 3 – 5 pm                      |                       |
|---------------------|--|---|--------------------------|----------|---|-------------------------------|-----------------------|
| MON<br>(23/08/2021) | T-FAT(6)-ANA                                   | PY10.7 Describe and discuss functions of cerebellum and its abnormalities | Spinal cord<br>57.1-57.2 |          | CM-SGT 12   | P-<br>FAT(6)-<br>PHY,<br>Gp A | Gp C-<br>SGT<br>28,29 |
|                     |  |   |                          |          |   | P-FAT(6)-BIO, Gp D            |                       |
| TUE<br>(24/08/2021) | PY9.4 Describe female reproductive system: (a) | AN- Basal ganglia<br>62.4   | P-FAT(6)-ANA             |          | BI5.4 Describe common disorders associated with protein | P-<br>FAT6-<br>PHY,<br>Gp B   | Gp D-<br>SGT<br>28,29 |

|                     |                                     |  |                          |  |   |                     |                   |
|---------------------|-------------------------------------|--|--------------------------|--|---|---------------------|-------------------|
|                     | functions of ovary and its control; |  |                          |  | metabolism.   | P-FAT6-BIO, Gp C    |                   |
| WED<br>(25/08/2021) | T-FAT(6)-BIO                        | AN-62.4-limbic lobe  | Spinal cord<br>57.1-57.2 |  | PY10.7 Describe and discuss functions of cerebellum and it abnormalities. | P-FAT6-PHY,<br>Gp C | Gp A-SGT28,29     |
|                     |                                     |  |                          |  |   | P-FAT6-BIO, Gp B    |                   |
| THU<br>(26/08/2021) | AN--Hypothalamus<br>62.5            | PY9.4 (b)<br>Menstrual cycle - hormonal, uterine and ovarian changes | AN- Medulla<br>58.1-58.4 |  | BI7.5 Describe the role of xenobiotics in disease                         | P-FAT6-PHY,<br>Gp D | Gp B-SGT<br>28,29 |
|                     |                                     |  |                          |  |   | P-FAT6-BIO, Gp A    |                   |
| FRI<br>(27/08/2021) | T-FAT(6)-PHY                        | AN- - Lateral ventricle<br>63.1-63.2<br>Thalamus<br>62.5             | AN- Pons<br>59.1-59.3    |  | AN- - Lateral ventricle<br>63.1-63.2<br>Thalamus<br>62.5                  | PHY-SGT(30,31)      |                   |
| SAT<br>(28/08/2021) | Holiday                             |  |                          |  |   |                     |                   |

**SUN (29/08/2021)-Holiday**

| WK 31               | 9 - 10 am   | 10 – 11 am   | 11 - 01 pm   | 1 - 2 pm | 2-3 pm   | 3 – 5 pm  |                   |
|---------------------|---|--|--|----------|--|---|-------------------|
| MON<br>(30/08/2021) | AN- -white<br>mater of<br>cerebral cortex<br>62.3(a)                              | PY10.7 Describe<br>and discuss<br>functions of<br>limbic system<br>and its<br>abnormalities. | ECE-12a<br>ANA- Roll 1-42<br>PHY-43-85<br>BIO-86-125 |          | CM-SGT 13  | Gp-A PY10.20 Test for<br>Hearing(Tuning Fork<br>Test)           | Gp C-SGT<br>32,33 |
|                     |   |  |  |          |  | B & D BI11.12 Demonstrate the<br>estimation of serum bilirubin. |                   |
| TUE<br>(31/08/2021) | PY9.5 Describe<br>and discuss the<br>physiological<br>effects of sex<br>hormones. | AN- -white<br>mater of<br>cerebral cortex<br>62.3(b)   | ECE-12b<br>ANA- Roll 43-85<br>PHY-86-125<br>BIO-1-42 |          | BI5.4 Describe<br>common disorders<br>associated with<br>protein metabolism. | Gp-B PY10.20 Test<br>for Hearing(Tuning<br>Fork Test)           | Gp D-SGT<br>32,33 |
|                     |   |  |  |          |  | A & C BI11.12 Demonstrate the<br>estimation of serum bilirubin  |                   |
| WED<br>(01/09/2021) | BI7.5 Describe<br>the role of<br>xenobiotics in<br>disease                        | AN -<br>Cerebral cortex<br>62.2  | ECE-12c<br>ANA-Roll 86-125<br>PHY-1-42<br>BIO-43-85  |          | PY10.8<br>Sleep(1)   | Gp-C PY10.20<br>Test for<br>Hearing(Tuning<br>Fork Test)        | Gp A-SGT<br>32,33 |
|                     |   |  |  |          |  | Bio SGT 13  |                   |

|                     |   |   |                                 |  |  |  |                   |
|---------------------|---|---|---------------------------------|--|--|--|-------------------|
| THU<br>(02/09/2021) | AN-<br>Histology of<br>Endocrine<br>gland: 43.2 | PY9.6 Enumerate<br>the contraceptive<br>methods for male<br>and female.<br>Discuss<br>their advantages<br>& disadvantages | N - Midbrain<br>61.1-61.3       |  | BI5.4 Describe<br>common disorders<br>associated with<br>protein metabolism. | Gp-D PY10.20<br>Test for<br>Hearing(Tuning<br>Fork Test) | Gp B-SGT<br>32,33 |
|                     |   |   |                                 |  |  | Bio SGT 13   |                   |
| FRI<br>(03/09/2021) | PY10.8<br>Sleep(2)-<br>Circadian rhythm         | AN -<br>Functional<br>areas of<br>cerebrum 62.2   | AN-<br>60.1-60.3-<br>Cerebellum |  | AN - Functional<br>areas of cerebrum<br>62.2                                 | PHY-SGT 34,35  |                   |
| SAT<br>(04/09/2021) | Holiday   |   |                                 |  |  |  |                   |

**HOLIDAY (05/09/2021)-Holiday**

## **2<sup>ND</sup> INTERNAL ASSESSMENT**

| WK 32               | 9AM - 12 NOON(THEORY EXAM)<br>ALL STUDENTS TO ATTEND |  |  | 1 - 2 pm | 2 pm-4 pm (PRACTICAL EXAM)<br>Group- A, B, C, D |       |       |
|---------------------|--|--|--|----------|---|-------|-------|
| MON<br>(06/09/2021) | ANATOMY  |  |  | L        | ANA-A   | PHY-B | BIO-C |
| TUE<br>(07/09/2021) | PHYSIOLOGY   |  |  | U        | ANA-B   | PHY-C | BIO-D |
| WED<br>(08/09/2021) | BIOCHEMISTRY   |  |  | N        | ANA-C   | PHY-D | BIO-A |
| THU<br>(09/09/2021) |  |  |  | CH       | ANA-D   | PHY-A | BIO-B |
| FRI<br>(10/09/2021) | HOLIDAY  |  |  |          |   |       |       |
| SAT<br>(11/09/2021) | HOLIDAY  |  |  |          |   |       |       |

**SUNDAY-12/09/2021-HOLIDAY**

| WK 33               | 9 - 10 am                          | 10 – 11 am   | 11 - 01 pm                      | 1 - 2 pm | 2-3 pm    | 3 – 5 pm  |                       |
|---------------------|------------------------------------|--|---------------------------------|----------|-----------|---|-----------------------|
| MON<br>(13/09/2021) | AN--<br>Cerebellum<br>60.1-60.3(a) | PY10.9 Describe<br>and discuss the<br>physiological<br>basis of memory,<br>learning<br>and speech(1) | AN- Fourth<br>ventricle<br>63.1 |          | CM-SGT 14 | Gp A PY11.13<br>Obtain history<br>and perform<br>general<br>examination in<br>the volunteer | Gp C-<br>SGT<br>36,37 |
|                     |                                    |  |                                 |          |           | B & D BI11.13<br>Demonstrate the estimation<br>of SGOT/ SGPT                                |                       |

|                     |  |  |  |  |   |  |                       |
|---------------------|--|--|--|--|---|--|-----------------------|
| TUE<br>(14/09/2021) | PY9.7 Describe and discuss the effects of removal of gonads on physiological functions | AN--<br>Cerebellum<br>60.1-60.3(b)   | AN- Rhomboid fossa<br>59.2-59.3        |  | BI5.4 Describe common disorders associated with protein metabolism.                   | Gp B PY11.13<br>Obtain history and perform general examination in the volunteer    | Gp D-<br>SGT<br>36,37 |
|                     |  |  |  |  |   | A & C BI1.13<br>Demonstrate the estimation of SGOT/ SGPT                           |                       |
| WED<br>(15/09/2021) | BI5.5 Interpret laboratory results of analytes associated with metabolism of proteins. | AN-59.1-59.3-<br>Pons  | AN P-AN-<br>Base of brain<br>62.1-62.2 |  | PY10.9 Describe and discuss the physiological basis of memory, learning and speech(2) | Gp C<br>PY11.13<br>Obtain history and perform general examination in the volunteer | Gp A-<br>SGT<br>36,37 |
|                     |  |  |  |  |   | Bio SGT 14   |                       |
| THU<br>(16/09/2021) | AN - Medulla<br>58.1-58.4(b)   | PY9.8 Describe and discuss the physiology of pregnancy, parturition & lactation and outline the psychology and psychiatry-disorders associated with it.(1) | AN- Cerebral cortex<br>62.2            |  | BI7.2 Describe the processes involved in replication & repair of DNA.                 | Gp D<br>PY11.13<br>Obtain history and perform general examination in the volunteer | Gp B-<br>SGT<br>36,37 |
|                     |  |  |  |  |   | Bio SGT 14   |                       |
| FRI<br>(17/09/2021) | PY10.10 Describe and discuss chemical transmission in the nervous system.              | AN- 52.8-52.9-<br>Dev. of female reproductive system   | AN- Cerebral cortex<br>62.2            |  | AN- Histology of female reproductive system (uterus & vagina)<br>52.2 cont.           | PHY-SGT(38& 39)  |                       |
| SAT<br>(18/09/2021) | CM-SGT 15  | PHY-SDL 15   | AETCOM -<br>5(B)                       |  | BIO-SDL 15  | ANA-SDL 15   |                       |

**SUN (19/09/2021)-Holiday**



**SUN (26/09/2021)- Holiday**

| WK 35               | 9 - 10 am  | 10 – 11 am   | 11 - 01 pm                                 | 1 - 2 pm | 2-3 pm   | 3 – 5 pm      |
|---------------------|--|--|--|----------|--|---------------|
| MON<br>(27/09/2021) | T-FAT (7)-ANA  | PY10.15 Describe and discuss functional anatomy of ear and auditory pathways & physiology of hearing(1)        | AN- Rectum 48.5                            |          | CM-SGT 17  | P-FAT(7)-GP A |
|                     |  |  |  |          |  | P-FAT(7)-GP D |
| TUE<br>(28/09/2021) | PY9.11 Discuss the hormonal changes and their effects during perimenopause and menopause | AN- Genetic charts   | P-FAT(7)-ANA                               |          | BI10.2 Describe various biochemical tumor markers and the biochemical basis of cancer therapy.                       | P-FAT(7)-GP B |
|                     |  |  |  |          |  | P-FAT(7)-GP C |
| WED<br>(29/09/2021) | T-FAT(7)-BIO   | AN81.1 Describe various methods of prenatal diagnosis  | AN— Anal canal 48.5                        |          | PY10.15 Describe and discuss functional anatomy of ear and auditory pathways & physiology of hearing(2)              | P-FAT(7)-GP C |
|                     |  |  |  |          |  | P-FAT(7)-GP B |
| THU<br>(30/09/2021) | AN81.2 Describe indications, process and disadvantages of amniocentesis                  | PY9.12 Discuss the common causes of infertility in a couple and role of IVF in managing a case of infertility. | AN- -- Male reproductive system 48.2, 51.2 |          | BI7.2 Describe the processes involved in replication & repair of DNA and the transcription & translation mechanisms. | P-FAT(7)-GP D |
|                     |  |  |  |          |  | P-FAT(7)-GP A |
| FRI<br>(01/10/2021) | T-FAT(7)-PHY   | AN81.3 Describe indications, process and disadvantages of chorion villus biopsy                                | Revision                                   |          | AN81.3 Describe indications, process and disadvantages of chorion villus biopsy(2)                                   | PHY SDL 18,19 |
| SAT<br>(02/10/2021) | Holiday  |  |  |          |  |               |

**SUN (03/10/2021)-Holiday**

| WK 36               | 9 - 10 am   | 10 – 11 am   | 11 - 01 pm                              | 1 - 2 pm | 2-3 pm  | 3 – 5 pm   |
|---------------------|---|--|---|----------|---|--|
| MON<br>(04/10/2021) | Histology of male reproductive system (testis & epididymis) 52.2        | PY10.16 Describe and discuss pathophysiology of deafness.  | AN- lumbar plexus 45.1-45.              |          | CM-SGT 18   | Gp A<br>Haematology<br>Revision-DLC                        |
|                     |   |  |   |          |   | B & D BI11.15<br>Describe & discuss the composition of CSF |
| TUE<br>(05/10/2021) | PY11.1 Describe and discuss mechanism of temperature regulation(1)-SKIN | N : pelvic diaphragm 48.1  | AN- Diaphragm 47.13- 47.14              |          | BI10.3 Describe the cellular and humoral components of the immune system & describe the types and structure of antibody | Gp B<br>Haematology<br>Revision-DLC                        |
|                     |   |  |   |          |   | A & C BI11.15<br>Describe & discuss the composition of CSF |
| WED<br>(06/10/2021) | Holiday   |  |   |          |   |  |
| THU<br>(07/10/2021) | Histology of male reproductive system (testis & epididymis) 52.2        | PY10.17 Describe and discuss functional anatomy of eye, physiology of image formation, physiology of vision(1) | AN- Kidney 47.5, Ureter 47.5            |          | BI10.4 Describe & discuss innate and adaptive immune responses  | Gp D<br>Haematology<br>Revision-DLC                        |
|                     |   |  |   |          |   | B & D Bi   |
| FRI<br>(08/10/2021) | PY11.1 Describe and discuss mechanism of temperature regulation(2)      | AN- Bony pelvis 53.2   | AN- Disposition of pelvic viscera: 48.2 |          | AN- development of urinary system-1: kidney: 52.7   | Gp C<br>Haematology<br>Revision-DLC                        |
|                     |   |  |   |          |   | A & C Bi T   |
| SAT<br>(09/10/2021) | Holiday   |  |   |          |   |  |

**SUN (10/10/2021)**

| WK 37               | 9 -11 am   | 11 - 01 pm   | 1 - 2 pm | 2-4 pm  | 4 – 5 pm   |
|---------------------|--|--|----------|---|------------|
| MON<br>(11/10/2021) | ECE-13a<br>ANA- Roll 1-42<br>PHY-43-85<br>BIO-86-125 | ECE-13b<br>ANA- Roll 43-85<br>PHY-86-125<br>BIO-1-42 |          | ECE-13c<br>ANA-Roll 86-125<br>PHY-1-42<br>BIO-43-85 | Sports/ECA |
| TUE<br>(12/10/2021) | DUSSEHERA HOLIDAYS                                   |  |          |   |            |
| WED<br>(13/10/2021) |  |  |          |   |            |
| THU                 |  |  |          |   |            |

|                            |  |  |  |   |            |
|----------------------------|--|--|--|---|------------|
| (14/10/2021)               |  |  |  |   |            |
| <b>FRI</b><br>(15/10/2021) |  |  |  |   |            |
| <b>SAT</b><br>(16/10/2021) | ECE-14a<br>ANA- Roll 1-42<br>PHY-43-85<br>BIO-86-125 | ECE-14b<br>ANA- Roll 43-85<br>PHY-86-125<br>BIO-1-42 |  | ECE-14c<br>ANA-Roll 86-125<br>PHY-1-42<br>BIO-43-85 | ANA SDL 16 |

***SUN (17/10/2021)- Holiday***

| <b>WK 38</b>               | <b>9 - 10 am</b>  | <b>10 – 11 am</b>  | <b>11 - 01 pm</b>   | <b>1 - 2 pm</b> | <b>2-3 pm</b>   | <b>3 – 5 pm</b>   |
|----------------------------|---|--|---|-----------------|---|---|
| <b>MON</b><br>(18/10/2021) | AN78.1 ,AN78.2<br>Describe cleavage and formation of blastocyst, trophoblast        | PY11.2 Describe and discuss adaptation to altered temperature (heat and cold)                                  | AN-<br>Revision of dissected specimen of superior extremity |                 | CM-SGT 19   | Gp A+ Gp C(66-82)-Revision TLC                                      |
|                            |   |  |   |                 |   | B & D BI11.16<br>Observe use of commonly used equipments/techniques |
| <b>TUE</b><br>(19/10/2021) |   |  |   |                 |   |   |
| <b>WED</b><br>(20/20/2021) |   |  |   |                 |   |   |
| <b>THU</b><br>(21/10/2021) | AN78.3 Describe the process of implantation & common abnormal sites of implantation | PY10.17 Describe and discuss functional anatomy of eye, physiology of image formation, physiology of vision(2) | AN-<br>Revision of dissected specimen of superior extremity |                 | BI7.2 Describe the processes involved in replication & repair of DNA and the transcription & translation mechanisms | Gp D+Gp B (33-49)-Revision TLC                                      |
|                            |   |  |   |                 |   | A & C BI11.16<br>Observe use of commonly used equipments/techniques |
| <b>FRI</b><br>(22/10/2021) | PY11.3 Describe and discuss mechanism of fever, cold injuries and heat Stroke.      | AN78.4 Describe the formation of extra-embryonic mesoderm and coelom, bilaminar disc and prochordal plate      | AN-<br>Revision of dissected specimen of superior extremity |                 | AN78.5 Describe in brief abortion; decidual reaction, pregnancy test  | Gp B(50-65)+ Gp C(83-98)-Revision TLC                               |
|                            |   |  |   |                 |   | Bi T  |
| <b>SAT</b><br>(23/10/2021) |   |  |   |                 |   |   |

***SUN (24/10/2021)-Holiday***



| WK 39               | 9 - 10 am  | 10 – 11 am   | 11 - 01 pm   | 1 - 2 pm | 2-3 pm   | 3 – 5 pm             |
|---------------------|--|--|--|----------|--|----------------------|
| MON<br>(25/10/2021) | <b>T-FAT(8) ANA</b>  | PY11.4 Describe and discuss cardio-respiratory and metabolic adjustments during exercise; physical training effects(1) | AN- Revision of dissected specimen of inferior extremity |          | CM-SGT 20  | <b>P-FAT(8)-GP A</b> |
|                     |  |  |  |          |  | <b>P-FAT(8)-GP D</b> |
| TUE<br>(26/10/2021) | PY10.17 Describe and discuss functional anatomy of eye, physiology of image formation, physiology of vision(3) | AN79.1, AN79.2 Describe the formation & fate of the primitive streak, notochord  | <b>P-FAT(8)</b>  |          | BI7.2 Describe the processes involved in replication & repair of DNA and the transcription & translation mechanisms    | <b>P-FAT(8)-GP B</b> |
|                     |  |  |  |          |  | <b>P-FAT(8)-GP C</b> |
| WED<br>(27/10/2021) | <b>T-FAT(8) BIO</b>  | AN79.4 Describe the development of somites and intra-embryonic coelom  | AN- Revision of dissected specimen of inferior extremity |          | PY11.4 Describe and discuss cardio-respiratory and metabolic adjustments during exercise; physical training effects(2) | <b>P-FAT(8)-GP C</b> |
|                     |  |  |  |          |  | <b>P-FAT(8)-GP B</b> |
| THU<br>(28/10/2021) | AN - Fourth ventricle 63.1   | PY10.17 Describe and discuss functional anatomy of eye, physiology of image formation, physiology of vision(4)         | AN- Revision of dissected specimen of inferior extremity |          | BI6.8 Discuss and interpret results of Arterial Blood Gas (ABG) analysis   | <b>P-FAT(8)-GP D</b> |
|                     |  |  |  |          |  | <b>P-FAT(8)-GP A</b> |
| FRI<br>(29/10/2021) | <b>T-FAT(8) PHY</b>  | AN- Dev of nervous system 64.2-64.3 (a)  | AN- Revision of dissected specimen of inferior extremity |          | AN- Dev of nervous system 64.2-64.3 (b)  | PHY-SDL 20,21        |
| SAT<br>(30/10/2021) | CM-SDL 5   | PHY SDL 22   | AETCOM(5)-SDL  |          | BIO SDL 16   | ANA-SDL 17           |

**SUN (31/10/2021)-Holiday**

| WK 40               | 9 - 10 am   | 10 – 11 am   | 11 - 01 pm                                   | 1 - 2 pm | 2-3 pm   | 3 – 5 pm  |
|---------------------|---|--|--|----------|--|---|
| MON<br>(01/11/2021) | AN- Cerebral cortex<br>62.2   | PY10.17 Describe and discuss functional anatomy of eye, physiology of image formation, physiology of vision(5) | P-AN-Revision of specimen of Abdomen& pelvis |          | CM-SGT 21  | Gp A Haematology Revision-T RBC                                     |
|                     |   |  |  |          |  | B & D BI11.16<br>Observe use of commonly used equipments/techniques |
| TUE<br>(02/11/2021) | PY11.6 Describe physiology of Infancy   | AN- Blood supply of Brain<br>62.6(a)   | P-AN-Revision of specimen of Abdomen& pelvis |          | BI7.3 Describe gene mutations and basic mechanism of regulation of gene expression.                            | Gp B Haematology Revision-TRBC                                      |
|                     |   |  |  |          |  | A& C BI11.16<br>Observe use of commonly used equipments/techniques  |
| WED<br>(03/11/2021) | BI7.3 Describe gene mutations and basic mechanism of regulation of gene expression. | AN- Cerebral cortex<br>62.2  | P-AN-Revision of specimen of Abdomen& pelvis |          | PY10.17 Describe and discuss functional anatomy of eye, physiology of image formation, physiology of vision(6) | Gp A Haematology Revision-TRBC                                      |
|                     |   |  |  |          |  | B & D Bi T  |
| THU<br>(04/11/2021) | Holiday   |  |  |          |  |   |
| FRI<br>(05/11/2021) | PY11.7 Describe and discuss physiology of aging; free radicals and Antioxidants(1)  | AN-Autonomic nervous system(a)   | P-AN-Revision of specimen of Abdomen& pelvis |          | AN- Blood supply of Brain<br>62.6(b)   | Gp D Haematology Revision-TRBC                                      |
|                     |   |  |  |          |  | A & C Bi T  |
| SAT<br>(06/11/2021) | CM-SGT 22   | PHY SDL 23   | AETCOM 5<br>SDL                              |          | BIO SDL 17   | ANA SDL 18  |

**SUN(07/11/2021)- Holiday**

| <b>WK 41</b>               | <b>9 - 10 am</b>  | <b>10 – 11 am</b>  | <b>11 - 01 pm</b>                                    | <b>1 - 2 pm</b> | <b>2-3 pm</b>   | <b>3 – 5 pm</b>   |                             |
|----------------------------|---|--|--|-----------------|---|---|-----------------------------|
| <b>MON</b><br>(08/11/2021) | AN-autonomic nervous system(b)  | PY10.19 Describe and discuss auditory & visual evoke potentials. | ECE-15a<br>ANA- Roll 1-42<br>PHY-43-85<br>BIO-86-125 |                 | CM-SGT 23   | Gp A<br>Revision<br>CVS   | Gp C<br>Revision<br>Resp Sy |
|                            |   |  |  |                 |   | B & D BI1.19<br>Outline the basic principles involved in the functioning of instruments |                             |
| <b>TUE</b><br>(09/11/2021) | PY11.7 Describe and discuss physiology of aging; free radicals and Antioxidants(2).   | AN- Histology of nervous system64.1                              | ECE-15b<br>ANA- Roll 43-85<br>PHY-86-125<br>BIO-1-42 |                 | BI7.6 Describe the anti-oxidant defence systems in the body.  | Gp B<br>Revision<br>CVS   | Gp D<br>Revision<br>Resp Sy |
|                            |   |  |  |                 |   | A & C BI1.19<br>Outline the basic principles involved in the functioning of instruments |                             |
| <b>WED</b><br>(10/11/2021) | BI7.4 Describe applications of molecular technologies like recombinant DNA technology, PCR  | AN- Histology of nervous system64.1                              | ECE-15c<br>ANA-Roll 86-125<br>PHY-1-42<br>BIO-43-85  |                 | PY11.8 Discuss & compare cardio-respiratory changes in exercise (isometric and isotonic) with that in the resting state and under different environmental conditions (heat and cold)(1) | Gp C<br>Revision<br>CVS   | Gp A<br>Revision<br>Resp Sy |
|                            |   |  |  |                 |   | B & D Bi T  |                             |
| <b>THU</b><br>(11/11/2021) | AN-Structure & classification of chromosomes 73.2   | PY11.9 Interpret growth charts.                                  | AN- Revision of specimen of head & neck              |                 | BI7.4 Describe applications of molecular technologies like recombinant DNA technology, PCR  | Gp D<br>Revision<br>CVS   | Gp B<br>Revision<br>Resp Sy |
|                            |   |  |  |                 |   | A & C Bi T  |                             |
| <b>FRI</b><br>(12/11/2021) | PY11.8 Discuss & compare cardio-respiratory changes in exercise (isometric and isotonic) with that in the resting state and under different environmental conditions (heat and cold)(2) | AN- Histology of endocrine organs ( c )                          | AN- Revision of specimen of head & neck              |                 | IL:AN-Structure & classification of chromosomes 73.2  | PY-SDL 24,25  |                             |
| <b>SAT</b><br>(13/11/2021) |   |  |  |                 |   |   |                             |

**SUN (14/11/2021)**

| WK 42               | 9 - 10 am   | 10 – 11 am   | 11 - 01 pm                              | 1 - 2 pm | 2-3 pm   | 3 – 5 pm   |                                       |
|---------------------|---|--|---|----------|--|--|---------------------------------------|
| MON<br>(15/11/2021) | AN-Types and mode of inheritance 72.2, 72.3   | PY11.10 Interpret anthropometric assessment of infants                   | AN- Revision of specimen of head & neck |          | CM-T   | Gp A Revision Sensory, Motor Sy,Cr Nv                | Gp C Revision Visual & Auditory tests |
|                     |   |  |   |          |  | B & D BI1.20 Identify abnormal constituents in urine |                                       |
| TUE<br>(16/11/2021) | PY11.11 Discuss the concept, criteria for diagnosis of Brain death and its implications | AN-Types and mode of inheritance 72.2, 72.3                              | AN- Revision of specimen of head & neck |          | BI7.4 Describe applications of molecular technologies like recombinant DNA technology, PCR | Gp B Revision Sensory, Motor Sy,Cr Nv                | Gp D Revision Visual & Auditory tests |
|                     |   |  |   |          |  | A & C BI1.20 Identify abnormal constituents in urin  |                                       |
| WED<br>(17/11/2021) | BI7.6 Describe the anti-oxidant defence systems in the body.                            | AN-Genetic basis & clinical features of common genetic diseases 74.4 (a) | AN- Revision of specimen of Thorax      |          | PY11.12 Discuss the physiological effects of Yoga & meditation (1).                        | Gp C Revision Sensory, Motor Sy,Cr Nv                | Gp A Revision Visual & Auditory tests |
|                     |   |  |   |          |  | B & D –Bi T  |                                       |
| THU<br>(18/11/2021) | AN-Genetic basis & clinical features of common genetic diseases 74.4 (b)                | PY11.12 Discuss the physiological effects of Yoga & meditation(2).       | AN- Revision of specimen of Thorax      |          | BI7.7 Describe the role of oxidative stress.   | Gp D Revision Sensory, Motor Sy,Cr Nv                | Gp B Revision Visual & Auditory tests |
|                     |   |  |   |          |  | A & C Bi T   |                                       |
| FRI<br>(19/11/2021) | Holiday   |  |   |          |  |  |                                       |
| SAT<br>(20/11/2021) | CM-SGT 24,25  |  | BIO SDL 18,19                           |          | BIO SDL 20   | ANA SDL 19   |                                       |

**SUN (21/11/2021)- Holiday**

### 3<sup>RD</sup> INTERNAL ASSESSMENT

| WK 43               | 9AM - 12 NOON(THEORY EXAM)<br>ALL STUDENTS TO ATTEND |          |                                    | 1 - 2 pm | 2 pm-4 pm (PRACTICAL EXAM)<br>Group- A, B, C, D |       |       |
|---------------------|--|----------|------------------------------------|----------|---|-------|-------|
| MON<br>(22/11/2021) | ANATOMY  |          |                                    |          | ANA-A   | PHY-B | BIO-C |
| TUE<br>(23/11/2021) | PHYSIOLOGY   |          |                                    |          | ANA-B   | PHY-C | BIO-D |
| WED<br>(24/11/2021) | BIOCHEMISTRY   |          |                                    |          | ANA-C   | PHY-D | BIO-A |
| THU<br>(25/11/2021) |  |          |                                    |          | ANA-D   | PHY-A | BIO-B |
| FRI<br>(26/11/2021) | Revision   | Revision | AN- Revision of specimen of Thorax |          | Revision  |       |       |
| SAT<br>(27/11/2021) |  |          |                                    |          |   |       |       |

SUN(28/11/2021)-Holiday

Week 44 (29/11/2021-04/12/2021) - Revision classes of all departments. CM SGT 26, 27

Week 45 (06/12/2021-10/12/2021) - Revision classes of all departments

Week 46 ( 13/12/2021-18/12/2021)- Revision classes of all departments, T-FAT(9) and P-FAT(9) of Ana, Bio and Phy.

Week 47 (20/12/2021-24/12/2021) - Revision classes of all departments, T-FAT(10) and P-FAT(10) of Ana, Bio and Phy.

Week 48 (27/12/2021-31/12/2021) - Betterment Exam

### Jan 2022- University 1<sup>st</sup> MBBS Exam