Sr. No	Date	8.30 -9.30 am	9.30-10.30am	10.30am-12.30pm	1.30 pm 2.30 pm	2.30 pm 4.00pm
1	4/11/2024 Monday	Lecture 1 Introduction to Physiology	**Lecture 1**- **General Histology-** Cell & Epithelium AN65.1, AN65.2	**Histology** – Microscope, Epithelium -15 minutes Common briefing to all batches **Histology Practical-** Cell and microscope, Epithelium - A Batch AN65.1, AN65.2 **SGD-** Introduction to Anatomy, Terminology and planes- B & C Batches AN 1.1	Lecture 1 Introduction to Biochemistry	Lecture 2 Cell and Cell Membrane PY 1.1
2	5/11/2024 Tuesday	**Lecture 1 General Anatomy-** Introduction to Anatomy, Terminology and planes AN 1.1	Lecture 3 Cell Organelles PY 1.1	**Histology Practical** - Cell and microscope, Epithelium - **B Batch** AN65.1, AN65.2 **SGD-** Introduction to Anatomy, Terminology & planes- **A batch** AN 1.1 **SGD-**Epithelium Revision - **C Batch** AN65.1, AN65.2	Lecture 4 Homeostasis PY 1.1	Lecture 2 Chemistry of Proteins -1

3	6/11/2024 Wednesday	C.M 1.1,1.2,1.4 Concept of Health and diseases , Socio cultural factors affecting health		**Histology Practical** - Cell and microscope, Epithelium - C Batch AN65.1, AN65.2 **SGD-** Epithelium Revision- A & B Batches AN65.1, AN65.2	Lecture 3 Chemistry of Proteins 2	Lecture 5 Transport Through Cell membrane 1 PY 1.1
4	7/11/2024 Thursday	**Lecture 2- General Histology -** Connective Tissue & Cartilage AN66.1, 66.2, AN 71.2,	Lecture 4 Chemistry of Proteins - 3	**Histology** Connective tissue & cartilage briefing all batches-15 minutes **Histology Practical-** Connective Tissue & Cartilage- **A & B Batches** -45 minutes each AN66.1, AN 66.2 AN66.1, 66.2, AN 71.2, **SGD- General Anatomy**- Bone I classification & ossification- C Batch AN1.2, AN2.1, AN2.2, AN2.3	**Histology Practical-** Connective tissue - **C Batch** AN66.1, AN 66.2 **SGD- General Anatomy**- Bone I classification & ossification AN1.2, AN2.1, AN2.2, AN2.3	A Batch - Lab. Rules & Introduction B Batch - Frog Dissection for Nerve Muscle Preparation 1.- Lab Protocol Batch C

5	8/11/2024 Friday	Lecture 6 Transport Through Cell membrane 2 PY 1.1	**Lecture 2-General Anatomy**- Bone I classification & ossification AN1.2, AN2.1, AN2.2, AN2.3	**SGD- General Anatomy**- Bone II- Parts of young long bone, Blood supply, ossification- All batches AN1.2, AN2.1, AN2.2, AN2.3	**Lecture 3-General Anatomy**- Bone II AN1.2, AN2.1, AN2.2, AN2.3	B Batch - Lab. Rules & Introduction C Batch - Frog Dissection for Nerve Muscle Preparation 1.- Lab Protocol Batch A
6	9/11/2024 Saturday	**Lecture 3 - General Histology** - Bone structure AN 71.1	Lecture 7 Resting Membrane Potential PY 1.8	**Histology-** Bone briefing all batches-15 minutes **Histology Practical-** Bone structure - **A & B Batch-** 45 minutes each - AN 71.1 **SGD- General Anatomy**- Joint I - C Batch	**Histology Practical-** Bone structure - **C Batch** AN 71.1 **SGD- General Anatomy**-Joint I – A & B Batches AN 2.5, AN 2.6	C Batch - Lab. Rules & Introduction A Batch - Frog Dissection for Nerve Muscle Preparation 1.- Lab Protocol Batch B

7	11/11/2024 Monday	Lecture 8 Action Potential PY 1.8	**Lecture 4 - General Anatomy -** Joint I AN 2.5, AN 2.6	**SGD- General Anatomy**-Joint II - all batches	Lecture 5 Chemistry of Proteins - 4	Lecture 9 Introduction to Nerve PY 3.1
8	12/11/2024 Tuesday	**Lecture 5 - General Anatomy -** Joint II AN 2.5, AN 2.6	Lecture 10 Properties of nerve PY 3.2	**Lecture1- General Embryology–** Spermatogenesis AN 77.3 - 1 hr **Embryo model discussion**- Sperm All batches by rotation - 1 hr	Lecture 11 Concept of pH & buffer systems in the body (Flipped Classroom) PY 1.1 Lecture 12 Neuromuscular Junction PY 3.4, 3.5, 3.6	Lecture 6 Chemistry of Proteins -5
9	13/11/2024 Wednesday	Lecture 7 Chemistry of Proteins - 6	Lecture 13 Introduction to muscle physiology PY 3.7	**SGD- General Anatomy-** Muscle- All batches AN 3.1, 3.2, 3.3 **Lecture 6 - General Anatomy -** Muscle - Classification AN 3.1, 3.2, 3.3- 1 hr	Lecture 11a Concept of pH & buffer systems in the body (Flipped Classroom) PY 1.1 Body fluid compartment- Seminar	

10	14/11/2024 Thursday	**Lecture 4 - General Histology -** Muscle AN 67.1, 67.2, 67.3	Lecture 8 Enzyme 1	**Histology-** Muscle- - Briefing for all batches **Histology Practical-** Muscle- A Batch AN 67.1, 67.2, 67.3 **Revision** Bones, Joints & **Log book Assessment** B & C Batches	**Lecture General Embryology 2–** Oogenesis AN77.3	A Batch -Study of Instruments Frog Dissection for Nerve Muscle Preparation B Batch - Study of Microscope & Collection Of Blood 2. Biosafety precautions Batch C
11	15/11/2024 Friday	Lecture 14 Skeletal Muscle Properties PY 3.8	**A Batch- Revision** Bones, Joints & **Log book Assessment** **B Batch- Histology Practical-** Muscle - 9.30-11 am **Embryo model discussion-** Oocyte 11am -12.30pm- **C Batch- Embryo model discussion-** Oocyte 9.30-11 am **Histology Practical-** Muscle - 11am -12.30pm AN 67.1, 67.2, 67.3, AN77.3		**Lecture General Embryology 3 –** Menstrual cycle AN 77.1, 77.2	B Batch -Study of Instruments Frog Dissection for Nerve Muscle Preparation C Batch - Study of Microscope & Collection Of Blood 2. Biosafety precautions Batch A

12	16/11/2024 Saturday	**Lecture 5 - General Histology** -Nervous tissue AN 68.1, 68.2, 68.3	Lecture 9 Enzyme 2	**Histology**-Nervous tissue-Briefing for all batches **Histology Practical** -Nervous tissue A Batch AN 68.1, 68.2, 68.3 **Revision & Embryo model discussion-** Menstrual cycle - B & C batches	**Lecture 7 - General Anatomy -** Nervous tissue AN 7.1-7.8	C Batch -Study of Instruments Frog Dissection for Nerve Muscle Preparation A Batch - Study of Microscope & Collection Of Blood 2. Biosafety precautions Batch B **Biochem**
13	18/11/2024 Monday	Lecture 15 EC coupling & Muscle contraction PY 3.9	**A Batch- Revision & Embryo model discussion-** Menstrual cycle **B Batch- Histology Practical-**Nervous tissue 9.30-11 am **Revision**- 11am -12.30pm **C Batch- Revision-** 9.30-11 am **Histology Practical-**Nervous tissue 11am -12.30pm AN 68.1, 68.2, 68.3		Lecture 10 Enzyme 3	Seminar-Composition of Blood and function of blood & plasma proteins

14	19/11/2024 Tuesday	**Lecture 4 - General Embryology** – Fertilization, anatomical principles underlying contraception, fertility, sterility, surrogate motherhood, social significance of sex ratio AN77.4, 77.5, 77.6	Lecture 16 Smooth Muscle properties & contraction PY 3.9 Lecture 17 Mode of muscle contraction (isometric and isotonic),energy source, Gradation of muscular activity and muscle dystrophies--SDL (Flipped classroom) PY 3.10	**Lecture 8- General Anatomy-** Cardiovascular System AN 5.1-5.8 - 1 Hr **SGD-** CVS All batches	Test on General Physiology & Nerve Physiology	**Lecture 11** Enzyme-4
20/11/2024	Wednesday Election Holiday					

15	21/11/2024 Thursday	**Lecture 6 - General Histology -** Cardiovascular tissue (CVS) AN 69.1, 69.2,69.3	**Lecture 12** Enzyme-5	**Histology - CVS** Briefing for all batches **Histology Practical** -CVS A Batch **Log book assessment & revision-** B & C Batches	**Lecture 5- General Embryology** – Changes in 1st & 2nd week [cleavage, formation of blastocyst, development of trophoblast, Implantation, abnormal sites of implantation, abortion, decidual reaction, pregnancy test, formation of bilaminar disc, extraembryonic mesoderm, coelom, prechordal plate) AN 78.1, 78.2, 78.3, 78.4, 78.5, AN80.1	A Batch-SMC,Temp & Strength of stimuli B Batch- Neubaur's chamber 3. **Glasswares** Batch C
16	22/11/2024 Friday	Lecture 18 Hemoglobin PY 2.3	**Histology Practical** -CVS B batch- 9.30am to 11am C Batch- 11am-12.30pm **Log book assessment & revision-** A Batch		**Lecture 7- General Histology-** Lymphoid System AN5.1, 6.1, 6.3, 70.2	B Batch-SMC,Temp & strength of stimuli C Batch- Neubaur's chamber 3. **Glasswares** Batch A

17	23/11/2024 Saturday	**Lecture General Embryology 6 –** Changes in 3-8 weeks - [amnion, yolk sac, allantoic diverticulum, primitive streak, Gastrulation] AN 79.1, 80.1,	**Lecture 13** Enzyme-6	**Histology -**Lymphoid System Briefing for all batches **Histology Practical** -Lymphoid System A Batch AN5.1, 6.1, 6.3, 70.2 **Embryology Model Discussion-** Cleavage, Blastocyst formation, implantation- B & C Batches	**Lecture 9- General Anatomy-** Skin & fascia	C Batch-SMC,Temp & strength of stimuli A Batch- Neubaur's chamber 3. **Glasswares** Batch B Lecture 20 ESR & PCV

18	25/11/2024 Monday	Lecture 19 Degeneration & regeneration of Nerve PY 3.3	**Histology Practical** -Lymphoid System B batch- 9.30am to 11am C Batch- 11am-12.30pm AN5.1, 6.1, 6.3, 70.2 **Embryology Model Discussion-** Cleavage, Blastocyst formation, implantation- A Batch			
19	26/11/2024 Tuesday	**Lecture 8 General Histology -**Skin AN 72.1	Lecture 21 RBC PY 2.4	**Histology -**Skin Briefing for all batches **Histology Practical-** Skin A AN 72.1 **Embryology Model Discussion-** Bilaminar & trilaminar germ disc- B & C Batch	Lecture 22 (Blood Indices) Anaemia & Jaundice PY 2.5 Lecture 23 Flipped Classroom CBL on Blood & Nerve Muscle Physiology	**Lecture 14** Biological Oxidation 1

20	27/11/2024 Wednesday	**Lecture15** Bological Oxidation 2	Lecture 24 WBC PY 2.6	**Histology Practical-** Skin B & C Batches AN 72.1 **Embryology Model Discussion-** Bilaminar & trilaminar germ disc- A Batch	**Lecture16** Carbohydarte Chemistry 1	Lecture 25 Blood Group PY 2.9
21	28/11/2024 Thursday	**Part Completion Practical Exam- OSPE-** General Histology, General Embryology	**Lecture17** Carbohdrate chemistry -2	**Part Completion Theory Exam-** General anatomy	**SGD Lower Limb -** Hip bone I AN14.1,14.2, AN 20.7	A Batch- Two successive stimuli, Tetanus & Fatigue B Batch- Platelets Demo PY 2.7 4. **Instruments** Batch C

22	29/11/2024 Friday	Lecture 26 Immunity 1 PY 2.10	**Anatomy AETCOM 1.5**		**SGD Lower Limb-** Hip bone II AN14.1,14.2, AN 20.7 Patella AN - 14.1, 14.2,14.3	B Batch- Two successive stimuli, Tetanus & Fatigue C Batch- Platelets Demo PY 2.7 4. **Instruments** Batch A
23	30/11/2024 Saturday	**Lecture 1 Lower Limb** -Femoral triangle I -Boundaries & contents, Femoral sheath, Femoral Canal AN - 15.2,15.3, 15.4, AN20.4	Lecture 27 Immunity 2 PY 2.10	**Practical** - Femoral triangle I -Boundaries & contents, Femoral sheath, Femoral Canal AN - 15.2,15.3, 15.4, AN20.4	**SGD Lower Limb-** Femur, Patella AN - 14.1, 14.2,14.3	C Batch- Two successive stimuli, Tetanus & Fatigue A Batch- Platelets Demo PY 2.7 4. **Instruments** Batch B