

Timetable
Group A, B & C

Week 1 (3rd February 2020)

Theme: Cell, cell organelles & cell environment

Day/Time	Monday	Tuesday	Wednesday	Thursday	Friday
08.30 – 09.30	Orientation Day	Lecture: Functional organization of Human body (P) Venue: Lecture hall 1	Public Holiday Event: Kashmir Day	Lecture: Structure and function of the cell membrane (P) Venue: Lecture hall 1	Lecture: Cell organelles & their functions (P) Venue: Lecture hall 1 Instructor:
09.35 – 10.35		Lecture: pH and buffers & MM Equation (B) Venue: Lecture hall 1		Lecture: Cell cycle & Mitosis (A) Venue: Lecture hall 1	Lecture: Cell replication – Meiosis (A) Venue: Lecture hall 1
10.45 – 12.45					
12.46 - 01.10		Lunch/ Prayer Break		Lunch/ Prayer Break	
01.15 – 03.15					Lecture: Carbohydrates – types & biomedical importance (B) Venue: Lecture hall 1

**Timetable
Group D & E**

Week 1 (3rd February 2020)

Theme: Cell, cell organelles & cell environment

Day/Time	Monday	Tuesday	Wednesday	Thursday	Friday
08.30 – 09.30	Orientation Day	Lecture: Functional organization of Human body (P) Venue: Lecture hall 2	Public Holiday Event: Kashmir Day	Lecture: Structure and function of the cell membrane (P) Venue: Lecture hall 2	Lecture: Cell organelles & their functions (P) Venue: Lecture hall 2 Instructor:
09.35 – 10.35		Lecture: pH and buffers & MM Equation (B) Venue: Lecture hall 2		Lecture: Cell cycle & Mitosis (A) Venue: Lecture hall 2	Lecture: Cell replication – Meiosis (A) Venue: Lecture hall 2
10.45 – 12.45					
12.46 - 01.10		Lunch/ Prayer Break		Lunch/ Prayer Break	
01.15 – 03.15					Lecture: Carbohydrates – types & biomedical importance (B) Venue: Lecture hall 2

Group A, B & C

Week 2 (10th February 2020)

Theme: General Histology

Day/Time	Monday	Tuesday	Wednesday	Thursday	Friday
08.30 – 09.30	Lecture: Cell organelles & their functions continued... (P) Venue: Lecture hall 1	Lecture: Basic tissues: Epithelium I (A-H) Venue: Lecture hall 1 Instructor:	Lecture: Basic tissues – Epithelium II (A-H) Venue: Lecture hall 1 Instructor:	Lecture: Homeostasis & body fluid compartments (P) Venue: Lecture hall 1	Lecture: Control systems in the body (P) Venue: Lecture hall 1
09.35 – 10.35	Lecture: Carbohydrates – types & biomedical importance (B) Venue: Lecture hall 1	Lecture: Monosaccharides – derivatives & biomedical importance (B) Venue: Lecture hall 1	Lecture: Disaccharides – biomedical importance (B) Venue: Lecture hall 1	Lecture: Introduction to development & Oogenesis (A-E) Venue: Lecture hall 1	Lecture: Spermatogenesis (A-E) Venue: Lecture hall 1 Instructor:
10.45 – 12.45	Group A: Physiology SGD – Physiology lab Group B: Anatomy SGD – Anatomy lab Group C: Self-study	Group A: Group B: Physiology SGD – Physiology lab Group C: Anatomy SGD – Anatomy lab	Group A: Biochemistry SGD – Biochemistry lab Group B: Group C: Physiology SGD – Physiology lab	Group A: Group B: Biochemistry SGD - Biochemistry lab Group C:	Group A: Anatomy SGD – Anatomy lab Group B: Group C: Biochemistry SGD - Biochemistry lab
12.46 - 01.10	Lunch/ Prayer Break				
01.15 – 03.15	Group A: Histology lab Group B: Self-study Group C: Self-study	Group A: Group B: Histology lab Group C:	Group A: Biochemistry lab Group B: Group C: Histology lab	Group A: Group B: Biochemistry lab Group C:	Group A: Group B: Group C: Biochemistry lab

Histology lab: Basic tissues – Simple epithelium

Biochemistry lab: pH and buffers + carbohydrates types and biomedical importance

Anatomy SGD: Cell cycle and cell division;

Physiology SGD: Cell, cell structure and organelles

Biochemistry SGD: Introduction to biochemistry lab and general carbohydrates detection test.

Group D & E

Week 2 (10th February 2020)

Theme: General Histology

Day/Time	Monday	Tuesday	Wednesday	Thursday	Friday
08.30 – 09.30	Lecture: Carbohydrates – types & biomedical importance (B) Venue: Lecture hall 2	Lecture: Monosaccharides – derivatives & biomedical importance (B) Venue: Lecture hall 2	Lecture: Disaccharides – biomedical importance (B) Venue: Lecture hall 2	Lecture: Introduction to development & Oogenesis (A-E) Venue: Lecture hall 2	Lecture: Spermatogenesis (A-E) Venue: Lecture hall 2 Instructor
09.35 – 10.35	Lecture: Cell organelles & their functions continued... (P) Venue: Lecture hall 2	Lecture: Basic tissues: Epithelium I (A-H) Venue: Lecture hall 2 Instructor:	Lecture: Basic tissues – Epithelium II (A-H) Venue: Lecture hall 2 Instructor:	Lecture: Homeostasis & body fluid compartments (P) Venue: Lecture hall 2	Lecture: Control systems in the body (P) Venue: Lecture hall 2
10.45 – 12.45	Group D: Biochemistry SGD - Biochemistry lab Group E: Self-study	Group D: Group E: Biochemistry SGD- Biochemistry lab	Group D: Anatomy SGD – Anatomy lab Group E:	Group D: Physiology SGD – Physiology lab Group E: Anatomy SGD – Anatomy lab	Group D: Group E: Physiology SGD – Physiology lab
12.46 – 01.10	Lunch/ Prayer Break				
01.15 – 03.15	Group D: Biochemistry lab Group E: Self-study	Group D: Group E: Biochemistry lab	Group D: Group E:	Group D: Histology lab Group E:	Group D: Group E: Histology lab

Histology lab: Basic tissues – Simple epithelium

Biochemistry lab: pH and buffers + carbohydrates types and biomedical importance

Anatomy SGD: Cell cycle and cell division;

Physiology SGD: Cell, cell structure and organelles

Biochemistry SGD: Introduction to biochemistry lab and general carbohydrates detection test

Group A, B & C

Week 3 (17th February 2020)

Theme: Macromolecules – Carbohydrates

Day/Time	Monday	Tuesday	Wednesday	Thursday	Friday
08:30 – 09:30	Lecture: Intercellular connections Venue: Lecture hall 1 Instructor:	Lecture: Exocrine glands (A-H) Venue: Lecture hall 1 Instructor:	Lecture: Basic tissues – Connective tissue (A-H) Venue: Lecture hall 1 Instructor:	Lecture: Ovulation (A-E) Venue: Lecture hall 1 Instructor:	Lecture: Modes of transport & passive transport Venue: Lecture hall 1 Instructor:
09:35 – 10:35	Lecture: Polysaccharides – biomedical importance (B) Venue: Lecture hall 1 Instructor:	Lecture: Proteoglycans & Glycoproteins (B) Venue: Lecture hall 1 Instructor:	Lecture: Amino acids – structure, properties & functions (B) Venue: Lecture hall 1	Lecture: Module Assessment System & Feedback (ME) Venue: Lecture hall 1	Lecture: Fertilization (A-E) Venue: Lecture hall 1 Instructor:
10:45 – 12:45	Group A: Physiology SGD – Physiology lab Group B: Anatomy SGD – Anatomy lab Group C: Self-study	Group A: Group B: Physiology SGD – Physiology lab Group C: Anatomy SGD – Anatomy lab	Group A: Biochemistry SGD Group B: Group C: Physiology SGD – Physiology lab	Group A: Group B: Biochemistry SGD Group C:	Group A: Anatomy SGD – Anatomy lab Group B: Group C: Biochemistry SGD
12:46 - 01:10	Lunch/ Prayer Break				
01:15 – 03:15	Group A: Histology lab Group B: Self-study Group C: Self-study	Group A: Group B: Histology lab Group C:	Group A: Biochemistry lab Group B: Group C: Histology lab	Group A: Group B: Biochemistry lab Group C:	Group A: Group B: Group C: Biochemistry lab

Histology lab: Basic tissues – Stratified epithelium & glandular tissue

Biochemistry lab: General carbohydrates detection test

Anatomy SGD: Oogenesis and spermatogenesis

Physiology SGD: Homeostasis

Biochemistry SGD: Monosaccharides and Disaccharides – derivative and biomedical importance

Group D & E

Week 3 (17th February 2020)

Theme: Macromolecules – Carbohydrates

Day/Time	Monday	Tuesday	Wednesday	Thursday	Friday
08:30 – 09:30	Lecture: Polysaccharides – biomedical importance (B) Venue: Lecture hall 2 Instructor:	Lecture: Proteoglycans & Glycoproteins (B) Venue: Lecture hall 2 Instructor:	Lecture: Amino acids – structure, properties & functions (B) Venue: Lecture hall 2	Lecture: Module Assessment System & Feedback (ME) Venue: Lecture hall 2	Lecture: Fertilization (A-E) Venue: Lecture hall 2 Instructor:
09:35 – 10:35	Lecture: Intercellular connections Venue: Lecture hall 2 Instructor:	Lecture: Exocrine glands (A-H) Venue: Lecture hall 2 Instructor:	Lecture: Basic tissues – Connective tissue (A-H) Venue: Lecture hall 2 Instructor:	Lecture: Ovulation (A-E) Venue: Lecture hall 2 Instructor:	Lecture: Modes of transport & passive transport Venue: Lecture hall 2 Instructor:
10:45 – 12:45	Group D: Biochemistry SGD Group E: Self-study	Group D: Group E: Biochemistry SGD	Group D: Anatomy SGD – Anatomy lab Group E:	Group D: Physiology SGD – Physiology lab Group E: Anatomy SGD – Anatomy lab	Group D: Group E: Physiology SGD – Physiology lab
12:46 – 01:10	Lunch/ Prayer Break				
01:15 – 03:15	Group D: Biochemistry lab Group E: Self-study	Group D: Group E: Biochemistry lab	Group D: Group E:	Group D: Histology lab Group E:	Group D: Group E: Histology lab

Histology lab: Basic tissues – Stratified epithelium & glandular tissue**Biochemistry lab:** General carbohydrates detection test**Anatomy SGD:** Oogenesis and spermatogenesis**Physiology SGD:** Homeostasis**Biochemistry SGD:** Monosaccharides and Disaccharides – derivative and biomedical importance

Group A, B & C

Week 4 (24th February 2020)

Theme: Development of human being

Day/Time	Monday	Tuesday	Wednesday	Thursday	Friday
08:30 – 09:30	Lecture: Basic tissues – Connective tissue continued... (A-H) Venue: Lecture hall 1 Instructor:	Lecture: Basic tissues – Muscular tissues (A-H) Venue: Lecture hall 1 Instructor:	Lecture: Basic tissues – Muscular tissues continued... (A-H) Venue: Lecture hall 1 Instructor:	Lecture: Blastocyst formation & Implantation (A-E) Venue: Lecture hall 1 Instructor:	Lecture: Gastrulation (A-E) Venue: Lecture hall 1 Instructor:
09:35 – 10:35	Lecture: Amino acid pool – classification (B) Venue: Lecture hall 1	Lecture: Protein's biochemical importance – pH maintenance & Immunoglobulins (B) Venue: Lecture hall 1	Lecture: Protein Biochemical importance: Plasma proteins (B) Venue: Lecture hall 1	Lecture: Active transport (P) Venue: Lecture hall 1 Instructor:	Lecture: Vesicular transport (P) Venue: Lecture hall 1
10:45 – 12:45	Group A: Physiology SGD – Physiology lab Group B: Anatomy SGD – Anatomy lab Group C: Self-study	Group A: Group B: Physiology SGD – Physiology lab Group C: Anatomy SGD – Anatomy lab	Group A: Biochemistry SGD Group B: Group C: Physiology SGD – Physiology lab	Group A: Group B: Biochemistry SGD Group C:	Group A: Anatomy SGD – Anatomy lab Group B: Group C: Biochemistry SGD
12:46 - 01:10	Lunch/ Prayer Break				
01:15 – 03:15	Group A: Histology lab Group B: Self-study Group C: Self-study	Group A: Group B: Histology lab Group C:	Group A: Biochemistry lab Group B: Group C: Histology lab	Group A: Group B: Biochemistry lab Group C:	Group A: Group B: Group C: Biochemistry lab

Histology lab: Basic tissues – Connective tissue**Biochemistry lab:** General protein detection test**Anatomy SGD:** Ovulation and fertilization**Physiology SGD:** N/A**Biochemistry SGD:** Oligosaccharides, Polysaccharides, Glycoproteins & Glycosaminoglycan

Group D & E

Week 4 (24th February 2020)

Theme: Development of human being

Day/Time	Monday	Tuesday	Wednesday	Thursday	Friday
08:30 – 09:30	Lecture: Amino acid pool – classification (B) Venue: Lecture hall 2	Lecture: Protein’s biochemical importance – pH maintenance & Immunoglobulins (B) Venue: Lecture hall 2	Lecture: Protein Biochemical importance: Plasma proteins (B) Venue: Lecture hall 2	Lecture: Active transport (P) Venue: Lecture hall 2 Instructor:	Lecture: Vesicular transport (P) Venue: Lecture hall 2
09:35 – 10:35	Lecture: Basic tissues – Connective tissue continued... (A-H) Venue: Lecture hall 2 Instructor:	Lecture: Basic tissues – Muscular tissues (A-H) Venue: Lecture hall 2 Instructor:	Lecture: Basic tissues – Muscular tissues continued... (A-H) Venue: Lecture hall 2 Instructor:	Lecture: Blastocyst formation & Implantation (A-E) Venue: Lecture hall 2 Instructor	Lecture: Gastrulation (A-E) Venue: Lecture hall 2 Instructor
10:45 – 12:45	Group D: Biochemistry SGD Group E: Self-study	Group D: Group E: Biochemistry SGD	Group D: Anatomy SGD – Anatomy lab Group E:	Group D: Physiology SGD – Physiology lab Group E: Anatomy SGD – Anatomy lab	Group D: Group E: Physiology SGD – Physiology lab
12:46 - 01:10	Lunch/ Prayer Break				
01:15 – 03:15	Group D: Biochemistry lab Group E: Self-study	Group D: Group E: Biochemistry lab	Group D: Group E:	Group D: Histology lab Group E:	Group D: Group E: Histology lab

Histology lab: Basic tissues – Connective tissue

Biochemistry lab: General protein detection test

Anatomy SGD: Ovulation and fertilization

Physiology SGD: N/A

Biochemistry SGD: Oligosaccharides, Polysaccharides, Glycoproteins & Glycosaminoglycan

Group A, B & C

Week 5 (2nd March 2020)

Theme: Macromolecules: Proteins & amino acids

Day/Time	Monday	Tuesday	Wednesday	Thursday	Friday
08:30 – 09:30	Lecture: Basic tissues – Nerve & supporting cells in CNS & PNS (A-H) Venue: Lecture hall 1	Lecture: Neurulation & Neural Crest cells (A-E) Venue: Lecture hall 1 Instructor	Lecture: Germ layers & their derivatives (A-E) Venue: Lecture hall 1 Instructor	Lecture: Folding of the embryo & somite formation (A-E) Venue: Lecture hall 1 Instructor	Lecture: Formation of body cavities (A-E) Venue: Lecture hall 1 Instructor:
09:35 – 10:35	Lecture: Proteins: physiochemical properties, classification & importance (B) Venue: Lecture hall 1	Lecture: Lipids: Overview & Biomedical importance (B) Venue: Lecture hall 1	Lecture: Classification of lipids: Simple lipids & their biomedical importance (B) Venue: Lecture hall 1	Lecture: Autonomic Nervous System (P) Venue: Lecture hall 1 Instructor:	Lecture: Types & functional properties of the ion channels (P) Venue: Lecture hall 1
10:45 – 12:45	Group A: Physiology SGD – Physiology lab Group B: Anatomy SGD – Anatomy lab Group C: Self-study	Group A: Group B: Physiology SGD – Physiology lab Group C: Anatomy SGD – Anatomy lab	Group A: Biochemistry SGD Group B: Group C: Physiology SGD – Physiology lab	Group A: Group B: Biochemistry SGD Group C:	Group A: Anatomy SGD – Anatomy lab Group B: Group C: Biochemistry SGD
12:46 – 01:10	Lunch/ Prayer Break				
01:15 – 03:15	Group A: Histology lab Group B: Self-study Group C: Self-study	Group A: Group B: Histology lab Group C:	Group A: Biochemistry lab Group B: Group C: Histology lab	Group A: Group B: Biochemistry lab Group C:	Group A: Group B: Group C: Biochemistry lab

Histology lab: Muscular tissue

Biochemistry lab: General protein detection tests

Anatomy SGD: Blastocyst formation, implantation and gastrulation

Physiology SGD: Membrane transport

Biochemistry SGD: Amino acids – functions, structure, properties and classifications

Group D & E

Week 5 (2nd March 2020)

Theme: Macromolecules – Proteins and amino acids

Day/Time	Monday	Tuesday	Wednesday	Thursday	Friday
08.30 – 09.30	Lecture: Proteins: physiochemical properties, classification & importance (B) Venue: Lecture hall 2	Lecture: Lipids: Overview & Biomedical importance (B) Venue: Lecture hall 2	Lecture: Classification of lipids: Simple lipids & their biomedical importance (B) Venue: Lecture hall 2	Lecture: Autonomic Nervous System (P) Venue: Lecture hall 2 Instructor:	Lecture: Types & functional properties of the ion channels (P) Venue: Lecture hall 2
09.35 – 10.35	Lecture: Basic tissues – Nerve & supporting cells in CNS & PNS (A-H) Venue: Lecture hall 2	Lecture: Neurulation & Neural Crest cells (A-E) Venue: Lecture hall 2 Instructor	Lecture: Germ layers & their derivatives (A-E) Venue: Lecture hall 2 Instructor	Lecture: Folding of the embryo & somite formation (A-E) Venue: Lecture hall 2 Instructor	Lecture: Formation of body cavities (A-E) Venue: Lecture hall 2 Instructor:
10.45 – 12.45	Group D: Biochemistry SGD Group E: Self-study	Group D: Group E: Biochemistry SGD	Group D: Anatomy SGD – Anatomy lab Group E:	Group D: Physiology SGD – Physiology lab Group E: Anatomy SGD – Anatomy lab	Group D: Group E: Physiology SGD – Physiology lab
12.46 – 01.10	Lunch/ Prayer Break				
01.15 – 03.15	Group D: Biochemistry lab Group E: Self-study	Group D: Group E: Biochemistry lab	Group D: Group E:	Group D: Histology lab Group E:	Group D: Group E: Histology lab

Histology lab: Muscular tissue

Biochemistry lab: General protein detection tests

Anatomy SGD: Blastocyst formation, implantation and gastrulation

Physiology SGD: Membrane transport

Biochemistry SGD: Amino acids – functions, structure, properties and classifications

Group A, B & C

Week 6 (9th March 2020)

Theme: Macromolecules – Lipids, TAG's & Cholesterol

Day/Time	Monday	Tuesday	Wednesday	Thursday	Friday
08:30 – 09:30	Lecture: Foetal period (A-E) Venue: Lecture hall 1 Instructor:	Lecture: Foetal membranes & placenta (A-E) Venue: Lecture hall 1 Instructor:	Lecture: Development of the placenta & its functions Venue: Lecture hall 1 Instructor:	Lecture: Electrical events of action potential & RMP (P) Venue: Lecture hall 1 Instructor:	Lecture: Graded potential & Nernst potential (P) Venue: Lecture hall 1 Instructor:
09:35 – 10:35	Lecture: Compound lipids and their biomedical importance (B) Venue: Lecture hall 1	Lecture: Cholesterol: properties, distribution & biomedical importance (B) Venue: Lecture hall 1	Lecture: Glycolipids (B) Venue: Lecture hall 1	Lecture: Phospholipids (B) Venue: Lecture hall 1	Lecture: Birth defects (A-E) Venue: Lecture hall 1 Instructor:
10:45 – 12:45	Group A: Physiology SGD – Physiology lab Group B: Anatomy SGD – Anatomy lab Group C: Self-study	Group A: Group B: Physiology SGD – Physiology lab Group C: Anatomy SGD – Anatomy lab	Group A: Biochemistry SGD Group B: Group C: Physiology SGD – Physiology lab	Group A: Group B: Biochemistry SGD Group C:	Group A: Anatomy SGD – Anatomy lab Group B: Group C: Biochemistry SGD
12:46 - 01:10	Lunch/ Prayer Break				
01:15 – 03:15	Group A: Histology lab Group B: Self-study Group C: Self-study	Group A: Group B: Histology lab Group C:	Group A: Biochemistry lab Group B: Group C: Histology lab	Group A: Group B: Biochemistry lab Group C:	Group A: Group B: Group C: Biochemistry lab

Histology lab: Histology of the nervous tissue

Biochemistry lab: Urine analysis

Anatomy SGD: Germ layer derivatives and formation of body cavities

Physiology SGD: Autonomic nervous system and Ion channels

Biochemistry SGD: Plasma proteins & immunoglobulins;

Group D & E

Theme: Macromolecules – Lipids, TAG's & Cholesterol

Week 6 (9th March 2020)

Day/Time	Monday	Tuesday	Wednesday	Thursday	Friday
08:30 – 09:30	Lecture: Compound lipids and their biomedical importance (B) Venue: Lecture hall 2	Lecture: Cholesterol: properties, distribution & biomedical importance (B) Venue: Lecture hall 2	Lecture: Glycolipids (B) Venue: Lecture hall 2	Lecture: Phospholipids (B) Venue: Lecture hall 2	Lecture: Birth defects (A-E) Venue: Lecture hall 2 Instructor:
09:35 – 10:35	Lecture: Foetal period (A-E) Venue: Lecture hall 2 Instructor:	Lecture: Foetal membranes & placenta (A-E) Venue: Lecture hall 2 Instructor:	Lecture: Development of the placenta & its functions Venue: Lecture hall 2 Instructor:	Lecture: Electrical events of action potential & RMP (P) Venue: Lecture hall 2 Instructor:	Lecture: Graded potential & Nernst potential (P) Venue: Lecture hall 2 Instructor:
10:45 – 12:45	Group D: Biochemistry SGD Group E: Self-study	Group D: Group E: Biochemistry SGD	Group D: Anatomy SGD – Anatomy lab Group E:	Group D: Physiology SGD – Physiology lab Group E: Anatomy SGD – Anatomy lab	Group D: Group E: Physiology SGD – Physiology lab
12:46 – 01:10	Lunch/ Prayer Break				
01.15 – 03.15	Group D: Biochemistry lab Group E: Self-study	Group D: Group E: Biochemistry lab	Group D: Group E:	Group D: Histology lab Group E:	Group D: Group E: Histology lab

Histology lab: Histology of the nervous tissue**Biochemistry lab:** Urine analysis**Anatomy SGD:** Germ layer derivatives and formation of body cavities**Physiology SGD:** Autonomic nervous system and Ion channels**Biochemistry SGD:** Plasma proteins & immunoglobulins;

Day/Time	Monday	Tuesday	Wednesday	Thursday	Friday
08:30 – 10:30	Study Leave	<p><u>Written Paper</u></p> <p>Biochemistry + Physiology + Anatomy Total: 100 marks 80 MCQs (80 marks) 05 SAQs (20 marks)</p> <p>Duration: 2 hours 15 minutes</p>	<p><u>Integrated Practical Examination</u></p> <p>Physiology + Anatomy + Biochemistry Total: 100 marks</p>	Viva Exam Physiology	Module 1B: Underpinnings of Medical Practice
10:40 – 11:40		Viva Exam Biochemistry	Viva Exam Anatomy		
11:45 – 12:45					
12:46 - 01:10					

Group A, B & C

Week 8 (23rd March 2020)

Theme: General Anatomy

Day/Time	Friday	Tuesday	Wednesday	Thursday	Friday
08:30 – 09:30	Lecture: Anatomical position & planes (A) Venue: Lecture hall 1	Lecture: Anatomical terms related to position & movement (A) Venue: Lecture hall 1	Lecture: Anatomy of the skin & fascia (A) Venue: Lecture hall 1	Lecture: Classification of bones (A) Venue: Lecture hall 1	Lecture: Characteristics & classification of joints (A) Venue: Lecture hall 1
09:35 – 10:35	Lecture: Eicosanoids and their biomedical importance (B) Venue: Lecture hall 1	Lecture: Physical & chemical properties of fatty acids & TAG's (B) Venue: Lecture hall 1	Lecture: Bile acids & Bile salts (B) Venue: Lecture hall 1	Lecture: Introduction to Immunity (P) Venue: Lecture hall 1	Lecture: Cells of the immune system (P) Venue: Lecture hall 1
10:45 – 12:45	Group A: Physiology SGD – Physiology lab Group B: Anatomy SGD – Anatomy lab Group C: Self-study	Group A: Group B: Physiology SGD – Physiology lab Group C: Anatomy SGD – Anatomy lab	Group A: Biochemistry SGD Group B: Group C: Physiology SGD – Physiology lab	Group A: Group B: Biochemistry SGD Group C:	Group A: Anatomy SGD – Anatomy lab Group B: Group C: Biochemistry SGD
12:46 - 01:10	Lunch/ Prayer Break				
01.15 – 03.15	Group A: Physiology lab Group B: Biochemistry lab Group C: Self-study	Group A: Anatomy lab Group B: Physiology lab Group C: Biochemistry lab	Group A: Group B: Anatomy lab Group C: Physiology lab	Group A: Group B: Group C: Anatomy lab	Group A: Biochemistry lab Group B: Group C:

Anatomy lab: Body position, Planes & Terms related to position & movement Skeletal system

Physiology lab: Introduction to the power lab

Anatomy SGD: Foetal membranes & Placenta

Physiology SGD: Action potential

Biochemistry SGD: Overview of lipids – biomedical importance and classification

Group D & E

Week 8 (23rd March 2020)

Theme: General Anatomy

Day/Time	Friday	Tuesday	Wednesday	Thursday	Friday
08.30 – 09.30	Lecture: Eicosanoids and their biomedical importance (B) Venue: Lecture hall 2	Lecture: Physical & chemical properties of fatty acids & TAG's (B) Venue: Lecture hall 2	Lecture: Bile acids & Bile salts (B) Venue: Lecture hall 2	Lecture: Introduction to Immunity (P) Venue: Lecture hall 2	Lecture: Cells of the immune system (P) Venue: Lecture hall 2
09.35 – 10.35	Lecture: Anatomical position & planes (A) Venue: Lecture hall 2	Lecture: Anatomical terms related to position & movement (A) Venue: Lecture hall 2	Lecture: Anatomy of the skin & fascia (A) Venue: Lecture hall 2	Lecture: Classification of bones (A) Venue: Lecture hall 2	Lecture: Characteristics & classification of joints (A) Venue: Lecture hall 2
10.45 – 12.45	Group D: Biochemistry SGD Group E: Self-study	Group D: Group E: Biochemistry SGD	Group D: Anatomy SGD – Anatomy lab Group E:	Group D: Physiology SGD – Physiology lab Group E: Anatomy SGD – Anatomy lab	Group D: Group E: Physiology SGD – Physiology lab
12.46 – 01.10	Lunch/ Prayer Break				
01.15 – 03.15	Group D: Group E: Anatomy lab	Group D: Self-study Group E:	Group D: Biochemistry lab Group E:	Group D: Physiology lab Group E: Biochemistry lab	Group D: Anatomy lab Group E: Physiology lab

Anatomy lab: Body position, Planes & Terms related to position & movement Skeletal system

Physiology lab: Introduction to the power lab

Anatomy SGD: Foetal membranes & Placenta

Physiology SGD: Action potential

Biochemistry SGD: Overview of lipids – biomedical importance and classification

Group A, B & C

Week 9 (30th March 2020)

Theme: Immune system

Day/Time	Monday	Tuesday	Wednesday	Thursday	Friday
08:30 – 09:30	Lecture: Axial & Appendicular skeleton (A) Venue: Lecture hall 1	Lecture: Overview of the muscular system (A) Venue: Lecture hall 1	Lecture: Overview of the Circulatory system – Arteries & veins (A) Venue: Lecture hall 1	Lecture: Overview of the Circulatory system – Capillaries & lymphatic system (A) Venue: Lecture hall 1	Lecture: Bony thoracic cage (A) Venue: Lecture hall 1
09:35 – 10:35	Lecture: Lipid storage diseases (B) Venue: Lecture hall 1	Lecture: Immunoglobulins (B) Venue: Lecture hall 1	Lecture: Enzyme regulation (B) Venue: Lecture hall 1	Lecture: Innate Immunity (P) Venue: Lecture hall 1	Lecture: Acquired immunity (P) Venue: Lecture hall 1
10:45 – 12:45	Group A: Physiology SGD – Physiology lab Group B: Anatomy SGD – Anatomy lab Group C: Self-study	Group A: Group B: Physiology SGD – Physiology lab Group C: Anatomy SGD – Anatomy lab	Group A: Biochemistry SGD Group B: Group C: Physiology SGD – Physiology lab	Group A: Group B: Biochemistry SGD Group C:	Group A: Anatomy SGD – Anatomy lab Group B: Group C: Biochemistry SGD
12:46 - 01:10	Lunch/ Prayer Break				
01.15 – 03.15	Group A: Physiology lab Group B: Self-study Group C: Self-study	Group A: Anatomy lab Group B: Physiology lab Group C: Self-study	Group A: Group B: Anatomy lab Group C: Physiology lab	Group A: Group B: Group C: Anatomy lab	Group A: Self-study Group B: Group C:

Anatomy Lab: Osteology of the thoracic cage**Anatomy SGD:** Overview of the general anatomy**Biochemistry SGD:** Eicosanoids and Tri acyl glyceride**Physiology lab:** To record and study simple muscle twitch using power lab.

Group D & E

Week 9 (30th March 2020)

Theme: Immune System

Day/Time	Monday	Tuesday	Wednesday	Thursday	Friday
08.30 – 09.30	Lecture: Lipid storage diseases (B) Venue: Lecture hall 2	Lecture: Immunoglobulins (B) Venue: Lecture hall 2	Lecture: Enzyme regulation (B) Venue: Lecture hall 2 Instructor:	Lecture: Innate Immunity (P) Venue: Lecture hall 2	Lecture: Acquired immunity (P) Venue: Lecture hall 2
09.35 – 10.35	Lecture: Axial & Appendicular skeleton (A) Venue: Lecture hall 2	Lecture: Overview of the muscular system (A) Venue: Lecture hall 2	Lecture: Overview of the Circulatory system – Arteries & veins (A) Venue: Lecture hall 2	Lecture: Overview of the Circulatory system – Capillaries & lymphatic system (A) Venue: Lecture hall 2	Lecture: Bony thoracic cage (A) Venue: Lecture hall 2
10.45 – 12.45	Group D: Biochemistry SGD Group E: Self-study	Group D: Group E: Biochemistry SGD	Group D: Anatomy SGD – Anatomy lab Group E:	Group D: Physiology SGD – Physiology lab Group E: Anatomy SGD – Anatomy lab	Group D: Group E: Physiology SGD – Physiology lab
12.46 - 01:10	Lunch/ Prayer Break				
01.15 – 03.15	Group D: Group E: Anatomy lab	Group D: Self-study Group E:	Group D: Self-study Group E:	Group D: Physiology lab Group E: Self-study	Group D: Anatomy lab Group E: Physiology lab

Anatomy Lab: Osteology of the thoracic cage**Anatomy SGD:** Overview of the general anatomy**Biochemistry SGD:** Eicosanoids and Tri acyl glyceride**Physiology lab:** To record and study simple muscle twitch using power lab.**Biochemistry Lab:** Overview of the lipid profile

Group A, B & C

Week 10 (6th April 2020)

Theme: Enzymes & co-factors

Day/Time	Monday	Tuesday	Wednesday	Thursday	Friday
08:30 – 09:30	Lecture: Bony thoracic cage continued... (A) Venue: Lecture hall 1	Lecture: Contents of intercostal space (A) Venue: Lecture hall 1	Lecture: Mediastinum (A) Venue: Lecture hall 1	Lecture: Abdominal regions & Quadrants (A) Venue: Lecture hall 1	Lecture: Anterolateral abdominal wall: Muscles (A) Venue: Lecture hall 1
09:35 – 10:35	Lecture: Enzyme: Competitive & non-competitive enzymes (B) Venue: Lecture hall 1 Instructor	Lecture: Enzymes: Nomenclature, functions & activity (B) Venue: Lecture hall 1	Lecture: Enzymes Kinetics (B) Venue: Lecture hall 1	Lecture: Functional properties of skeletal, smooth muscle & thick & thin filaments of the muscle (P) Venue: Lecture hall 1	Lecture: Sliding mechanism & excitation/ contraction coupling of skeletal muscle (power stroke) (P) Venue: Lecture hall 1
10:45 – 12:45	Group A: Physiology SGD – Physiology lab Group B: Anatomy SGD – Anatomy lab Group C: Self-study	Group A: Group B: Physiology SGD – Physiology lab Group C: Anatomy SGD – Anatomy lab	Group A: Biochemistry SGD Group B: Group C: Physiology SGD – Physiology lab	Group A: Group B: Biochemistry SGD Group C:	Group A: Anatomy SGD – Anatomy lab Group B: Group C: Biochemistry SGD
12:46 - 01:10	Lunch/ Prayer Break				
01:15 – 03:15	Group A: Physiology lab Group B: Self-study Group C: Self-study	Group A: Anatomy lab Group B: Physiology lab Group C: Self-study	Group A: Group B: Anatomy lab Group C: Physiology lab	Group A: Group B: Group C: Anatomy lab	Group A: Self-study Group B: Group C:

Anatomy Lab: Regions & Quadrants of the abdomen

Anatomy SGD: Thoracic cage, Intercostal space & Mediastinum

Biochemistry SGD: Lipid storage diseases, & immunoglobulins

Physiology lab: To study the effect of repeated stimuli and production of fatigue in skeletal muscle using power lab.

Physiology SGD: Immune system

Biochemistry Lab:

Group D & E

Week 10 (6th April 2020)

Theme: Enzymes & co-factors

Day/Time	Monday	Tuesday	Wednesday	Thursday	Friday
08:30 – 09:30	Lecture: Enzyme: Competitive & non-competitive enzymes (B) Venue: Lecture hall 2 Instructor	Lecture: Enzymes: Nomenclature, functions & activity (B) Venue: Lecture hall 2	Lecture: Enzymes Kinetics (B) Venue: Lecture hall 2	Lecture: Functional properties of skeletal, smooth muscle & thick & thin filaments of the muscle (P) Venue: Lecture hall 2	Lecture: Sliding mechanism & excitation/ contraction coupling of skeletal muscle (power stroke) (P) Venue: Lecture hall 2
09:35 – 10:35	Lecture: Bony thoracic cage continued... (A) Venue: Lecture hall 2	Lecture: Contents of intercostal space (A) Venue: Lecture hall 2	Lecture: Mediastinum (A) Venue: Lecture hall 2	Lecture: Abdominal regions & Quadrants (A) Venue: Lecture hall 2	Lecture: Anterolateral abdominal wall: Muscles (A) Venue: Lecture hall 2
10:45 – 12:45	Group D: Biochemistry SGD Group E: Self-study	Group D: Group E: Biochemistry SGD	Group D: Anatomy SGD – Anatomy lab Group E:	Group D: Physiology SGD – Physiology lab Group E: Anatomy SGD – Anatomy lab	Group D: Group E: Physiology SGD – Physiology lab
12:46 - 01:10	Lunch/ Prayer Break				
01.15 – 03.15	Group D: Group E: Anatomy lab	Group D: Self-study Group E:	Group D: Self-study Group E:	Group D: Physiology lab Group E: Self-study	Group D: Anatomy lab Group E: Physiology lab

Anatomy Lab: Regions & Quadrants of the abdomen

Anatomy SGD: Thoracic cage, Intercostal space & Mediastinum

Biochemistry SGD: Lipid storage diseases, & immunoglobulins

Physiology lab: To study the effect of repeated stimuli and production of fatigue in skeletal muscle using power lab.

Physiology SGD: Immune system

Group A, B & C

Week 11 (13th April 2019)

Theme: Overview of abdominal region & pelvis

Day/Time	Monday	Tuesday	Wednesday	Thursday	Friday
08.30 – 09.30	Lecture: Formation of the rectus sheath (A) Venue: Lecture hall 1	Lecture: Posterior abdominal wall & lumbar vertebrae (A) Venue: Lecture hall 1	Lecture: Bony Pelvis (A) Venue: Lecture hall 1	Lecture: Organization of Central nervous system (A) Venue: Lecture hall 1	Lecture: Organization of peripheral nervous system (A) Venue: Lecture hall 1
09.35 – 10.35	Lecture: Introduction to Genetics (B) Venue: Lecture hall 1	Lecture: DNA replication (B) Venue: Lecture hall 1	Lecture: Transcription (B) Venue: Lecture hall 1	Lecture: Contraction/Relaxation of smooth muscle & latch phenomenon (P) Venue: Lecture hall 1	Lecture: Neuromuscular junction (P) Venue: Lecture hall 1
10.45 – 12.45	Group A: Physiology SGD – Physiology lab Group B: Anatomy SGD – Anatomy lab Group C: Self-study	Group A: Group B: Physiology SGD – Physiology lab Group C: Anatomy SGD – Anatomy lab	Group A: Biochemistry SGD Group B: Group C: Physiology SGD – Physiology lab	Group A: Group B: Biochemistry SGD Group C:	Group A: Anatomy SGD – Anatomy lab Group B: Group C: Biochemistry SGD
12.46 – 01.10	Lunch/ Prayer Break				
01.15 – 03.15	Group A: Physiology lab Group B: Self-study Group C: Self-study	Group A: Anatomy lab Group B: Physiology lab Group C: Self-study	Group A: Group B: Anatomy lab Group C: Physiology lab	Group A: Group B: Group C: Anatomy lab	Group A: Self-study Group B: Group C:

Anatomy Lab: Organization of the nervous system**Anatomy SGD:** Antero-lateral & posterior abdominal wall**Biochemistry lab:****Physiology lab:** To record the Electromyogram motor unit potential of a skeletal muscle by stimulation of its nerve.**Physiology SGD:** N/A**Biochemistry SGD:** Enzymes & co-factors

Group D & E

Week 11 (13th April 2019)

Theme: Overview of abdominal region & Pelvis

Day/Time	Monday	Tuesday	Wednesday	Thursday	Friday
08.30 – 09.30	Lecture: Introduction to Genetics (B) Venue: Lecture hall 2	Lecture: DNA replication (B) Venue: Lecture hall 2	Lecture: Transcription (B) Venue: Lecture hall 2	Lecture: Contraction/Relaxation of smooth muscle & latch phenomenon (P) Venue: Lecture hall 2	Lecture: Neuromuscular junction (P) Venue: Lecture hall 2
09.35 – 10.35	Lecture: Formation of the rectus sheath (A) Venue: Lecture hall 2	Lecture: Posterior abdominal wall & lumbar vertebrae (A) Venue: Lecture hall 2	Lecture: Bony Pelvis (A) Venue: Lecture hall 2	Lecture: Organization of Central nervous system (A) Venue: Lecture hall 2	Lecture: Organization of peripheral nervous system (A) Venue: Lecture hall 2
10.45 – 12.45	Group D: Biochemistry SGD Group E: Self-study	Group D: Group E: Biochemistry SGD	Group D: Anatomy SGD – Anatomy lab Group E:	Group D: Physiology SGD – Physiology lab Group E: Anatomy SGD – Anatomy lab	Group D: Group E: Physiology SGD – Physiology lab
12.46 - 01.10	Lunch/ Prayer Break				
01.15 – 03.15	Group D: Group E: Anatomy lab	Group D: Self-study Group E:	Group D: Self-study Group E:	Group D: Physiology lab Group E: Self-study	Group D: Anatomy lab Group E: Physiology lab

Anatomy Lab: Organization of the nervous system

Anatomy SGD: Antero-lateral & posterior abdominal wall

Biochemistry lab:

Physiology lab: To record the Electromyogram motor unit potential of a skeletal muscle by stimulation of its nerve.

Physiology SGD: N/A

Biochemistry SGD: Enzymes and co-factors

Group A, B & C

Week 12 (20th April 2020)

Theme: Organization of the nervous system

Day/Time	Monday	Tuesday	Wednesday	Thursday	Friday
08.30 – 09.30	Lecture: Autonomic Nervous System - Sympathetic (A) Venue: Lecture hall 1	Lecture: Autonomic Nervous System - Parasympathetic (A) Venue: Lecture hall 1	Lecture: Spinal nerves & cranial nerves (A) Venue: Lecture hall 1	Lecture: Overview of the bones & joints of the upper limb (A) Venue: Lecture hall 1	Lecture: Overview of the bones & joints of the lower limb (A) Venue: Lecture hall 1
09.35 – 10.35	Lecture: Post-transcriptional modifications (B) Venue: Lecture hall 1	Lecture: Translation & post-translational modifications (B) Venue: Lecture hall 1	Lecture: Genetic code (B) Venue: Lecture hall 1	Lecture: Muscle disorders (P) Venue: Lecture hall 1	Lecture: TBC Venue: Lecture hall 1 Instructor
10.45 – 12.45	Group A: Physiology SGD – Physiology lab Group B: Anatomy SGD – Anatomy lab Group C: Self-study	Group A: Group B: Physiology SGD – Physiology lab Group C: Anatomy SGD – Anatomy lab	Group A: Biochemistry SGD Group B: Group C: Physiology SGD – Physiology lab	Group A: Group B: Biochemistry SGD Group C:	Group A: Anatomy SGD – Anatomy lab Group B: Group C: Biochemistry SGD
12.46 – 01.10	Lunch/ Prayer Break				
01.15 – 03.15	Group A: Physiology lab Group B: Self-study Group C: Self-study	Group A: Anatomy lab Group B: Physiology lab Group C: Self-study	Group A: Group B: Anatomy lab Group C: Physiology lab	Group A: Group B: Group C: Anatomy lab	Group A: Self-study Group B: Group C:

Anatomy Lab: Organization of the nervous system & cranial nerves

Anatomy SGD: Overview of the upper and lower limb

Physiology SGD: Muscle physiology

Physiology lab: To record the nerve conduction using power lab

Biochemistry SGD: Genetics

Group D & E

Week 12 (20th April 2020)

Theme: Organization of the nervous system

Day/Time	Monday	Tuesday	Wednesday	Thursday	Friday
08:30 – 09:30	Lecture: Post-transcriptional modifications (B) Venue: Lecture hall 2	Lecture: Translation & post-translational modifications (B) Venue: Lecture hall 2	Lecture: Genetic code (B) Venue: Lecture hall 2	Lecture: Muscle disorders (P) Venue: Lecture hall 2	Lecture: TBC Venue: Lecture hall 2 Instructor
09:35 – 10:35	Lecture: Autonomic Nervous System - Sympathetic (A) Venue: Lecture hall 2	Lecture: Autonomic Nervous System - Parasympathetic (A) Venue: Lecture hall 2	Lecture: Spinal nerves & cranial nerves (A) Venue: Lecture hall 2	Lecture: Overview of the bones & joints of the upper limb (A) Venue: Lecture hall 2	Lecture: Overview of the bones & joints of the lower limb (A) Venue: Lecture hall 2
10:45 – 12:45	Group D: Biochemistry SGD Group E: Self-study	Group D: Group E: Biochemistry SGD	Group D: Anatomy SGD – Anatomy lab Group E:	Group D: Physiology SGD – Physiology lab Group E: Anatomy SGD – Anatomy lab	Group D: Group E: Physiology SGD – Physiology lab
12:46 - 01:10	Lunch/ Prayer Break				
01.15 – 03.15	Group D: Group E: Anatomy lab	Group D: Self-study Group E:	Group D: Self-study Group E:	Group D: Physiology lab Group E: Self-study	Group D: Anatomy lab Group E: Physiology lab

Anatomy Lab: Organization of the nervous system & cranial nerves

Anatomy SGD: Overview of the upper and lower limb

Physiology SGD: Muscle physiology

Physiology lab: To record the nerve conduction using power lab

Biochemistry SGD: Genetics

Group: A, B, C, D & E

Week 13: (27th April 2020)

Assessment Week

Day/Time	Monday	Tuesday	Wednesday	Thursday	Friday
08.30 – 10.30	Study leave	Study leave	<p>Written Paper Anatomy, Physiology & Biochemistry</p> <p>100 Marks 80 MCQs (80 Marks) 05 SAQs (20 Marks)</p>	<p>Integrated Practical Examination</p> <p>100 Marks</p>	Viva Examination Physiology
10.40 – 11.40			<p>Viva Examination Biochemistry</p>	<p>Viva Examination Anatomy</p>	
11.45 – 12.45					
12:46 - 01:10					