

## Week 1

Time	Sunday 10/Sep/2023	Monday 11/Sep/2023	Tuesday 12/Sep/2023	Wednesday 13/Sep/2023	Thursday 14/Sep/2023
08:00 - 08:50	<i>Self Directed Learning</i>	<i>Self Directed Learning</i>	<i>Self Directed Learning</i>	<b>English: Lecture</b>	<b>English: Lecture</b>
09:00 - 09:50				(8:00 - 9:50) ID#7468	(8:00 - 9:50) ID#7415
09:50 - 10:10	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>
10:10 - 11:00	<b>Multidisciplinary: Class Discussion</b> Introduction to Phase II (10:10 - 11:00) ID#7411	<b>Anatomy: Lecture</b> Gametogenesis (10:10 - 11:00) ID#7064	<b>Anatomy: Lecture</b> Ovulation, fertilization and implantation (10:10 - 11:00) ID#7068	<b>Anatomy: Lecture</b> Development of Bilaminar and trilaminar germ disc (10:10 - 11:00) ID#7070	<b>Anatomy: Lecture</b> Embryonic and Fetal periods (10:10 - 11:00) ID#7086
11:10 - 12:00	<b>Anatomy: Lecture</b> Introduction to organization of human body and anatomical terminology (11:10 - 12:00) ID#7062	<b>Biochemistry: Lecture</b> Human genome organization (11:10 - 12:00) ID#10020	<b>Biochemistry: Lecture</b> Basic Concepts of DNA Replication (11:10 - 12:00) ID#7256	<b>Biochemistry: Lecture</b> DNA Damage, repair and mutations (11:10 - 12:00) ID#7258	<b>Physiology: Lecture</b> Body fluids (11:10 - 12:00) ID#7193
12:00 - 01:00	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>
01:00 - 01:50	<i>Self Directed Learning</i>	<i>Self Directed Learning</i>	<i>Self Directed Learning</i>	<b>Physiology: Lecture</b> Introduction to homeostasis (1:00 - 1:50) ID#7189	<i>Self Directed Learning</i>
02:00 - 02:50				<i>Self Directed Learning</i>	
03:00 - 03:50					

### Learning Topics:

**Note: All lectures will be held in LT 1-41, unless otherwise specified  
For details of English teaching venues please check with the Department**

## Week 2

Time	Sunday 17/Sep/2023	Monday 18/Sep/2023	Tuesday 19/Sep/2023	Wednesday 20/Sep/2023	Thursday 21/Sep/2023
08:00 – 08:50	<i>Self Directed Learning</i>	<b>English: Lecture</b> (8:00 – 9:50) ID#7573	<b>English: Lecture</b> (8:00 – 9:50) ID#7476	<b>English: Lecture</b> (8:00 – 9:50) ID#7494	<b>English: Lecture</b> (8:00 – 9:50) ID#7458
09:00 – 09:50					
09:50 – 10:10	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>
10:10 – 11:00	<b>Biochemistry: Lecture</b> Lab Orientation and Safety Session (10:10 – 11:00) ID#7154	<b>Anatomy: Lecture</b> Placenta and fetal membranes (10:10 – 11:00) ID#7104	<b>Biochemistry: Lecture</b> Recombinant DNA techniques (10:10 – 11:00) ID#7266	<b>Anatomy: Lecture</b> Epithelial tissue (10:10 – 11:00) ID#7074	<b>Biochemistry: Lab Practical</b> (4 groups) PCR amplification and gel electrophoresis (10:10 – 12:00) ID#7294 <b>(MDLs 1,2,5,6 &amp; 7)</b>
11:10 – 12:00	<b>Health Promotion and Health Education: Lecture</b> Kuwait's Health Profile (11:10 – 12:00) ID#7396	<b>Biochemistry: Lecture</b> Restriction Enzymes & Gel Electrophoresis (11:10 – 12:00) ID#7260	<b>Anatomy: Lecture</b> Congenital malformations (11:10 – 12:00) ID#7112	<b>Physiology: Lecture</b> Cellular membranes and vesicular transport (11:10 – 12:00) ID#7202	
12:00 – 01:00	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>
01:00 – 01:50	<b>Physiology: Lecture</b> Exchange of Substances Across the Cell Membrane. (1:00 – 1:50) ID#7195	<b>Physiology: Lecture</b> Exchanges Across the Capillary Wall (1:00 – 1:50) ID#7198	<i>Self Directed Learning</i>	<b>Anatomy: Lecture</b> Microscopic anatomy of glands (10:10 – 11:00) ID#7076	<b>Biochemistry: Lab Practical</b> (4 groups) PCR amplification and gel electrophoresis (1:00 – 2:50) ID#7294 <b>(MDLs 1,2,5,6 &amp; 7)</b>
02:00 – 02:50	<i>Self Directed Learning</i>	<i>Self Directed Learning</i>		<i>Self Directed Learning</i>	
03:00 – 03:50					<i>Self Directed Learning</i>

### Learning Topics:

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## Week 3

Time	Sunday 24/Sep/2023	Monday 25/Sep/2023	Tuesday 26/Sep/2023	Wednesday 27/Sep/2023	Thursday 28/Sep/2023
08:00 - 08:50	<b>English: Lecture</b>	<b>English: Lecture</b>	<b>English: Lecture</b>	<b>English: Lecture</b>	<p style="text-align: center;"><b>Prophet's Birthday</b> (Subject to CSC announcement)</p>
09:00 - 09:50	(8:00 - 9:50) ID#7456	(8:00 - 9:50) ID#7460	(8:00 - 9:50) ID#7530	(8:00 - 9:50) ID#7532	
09:50 - 10:10	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>	
10:10 - 11:00	<b>Biochemistry: Lecture</b> RNA and Transcription in eukaryotes (10:10 - 11:00) ID#7268	<b>Biochemistry: Lecture</b> mRNA processing (10:10 - 11:00) ID#7270	<b>Anatomy: Lecture</b> Connective tissue proper & adipose tissue (10:10 - 11:00) ID#7080	<b>Physiology: Seminar (5 groups)</b> Body fluids (10:10 - 12:00) ID#7200 <b>(LT 1-41, SR-2,3,4,5)</b>	
11:10 - 12:00	<i>Self Directed Learning</i>	<b>Anatomy: Lecture</b> Intercellular junctions & basement membrane (11:10 - 12:00) ID#7072	<b>Biochemistry: Lecture</b> Regulation of gene expression in eukaryotes (11:10 - 12:00) ID#7272		
12:00 - 01:00	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>	
01:00 - 01:50	<b>Anatomy: Lab Practical (2 groups)</b> Epithelial tissue and glands (1:00 - 2:50) ID#7132	<i>Self Directed Learning</i>	<i>Self Directed Learning</i>	<i>Self Directed Learning</i>	
02:00 - 02:50					
03:00 - 03:50					

### Learning Topics:

- **Anatomy:** Blood cells (ID#7082)

**Note: All lectures will be held in LT 1-41, unless otherwise specified  
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## Week 4

Time	Sunday 01/Oct/2023	Monday 02/Oct/2023	Tuesday 03/Oct/2023	Wednesday 04/Oct/2023	Thursday 05/Oct/2023
08:00 – 08:50	<i>Self Directed Learning</i>	<b>English: Lecture</b> (8:00 – 9:50) ID#7534	<b>English: Lecture</b> (8:00 – 9:50) ID#7556	<b>English: Lecture</b> (8:00 – 9:50) ID#7090	<b>English: Lecture</b> (8:00 – 9:50) ID#7164
09:00 – 09:50					
09:50 – 10:10	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>
10:10 – 11:00	<b>Anatomy: Lecture</b> Introduction to connective tissue (10:10 – 11:00) ID#7078	<b>Health Promotion and Health Education: Lecture</b> Threats to Global Health (10:10 – 11:00) ID#7392	<b>Biochemistry: Lecture</b> Principles that determine protein structures (10:10 – 11:00) ID#7156	<b>Biochemistry: Lecture</b> Molecular genetics of inherited diseases (10:10 – 11:00) ID#7274	<b>Anatomy: Lecture</b> Classification of bones & joints (10:10 – 11:00) ID#9001
11:10 – 12:00	<i>Self Directed Learning</i>	<b>Biochemistry: Lecture</b> Translation of genetic code-protein synthesis and inhibitors (11:10 – 12:00) ID#10007	<b>Health Promotion and Health Education: Lecture</b> Introduction to Health Promotion and Program Planning (11:10 – 12:00) ID#7390	<i>Self Directed Learning</i>	<b>Biochemistry: Lecture</b> Protein Modification (11:10 – 12:00) ID#7264
12:00 – 01:00	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>
01:00 – 01:50	<b>Anatomy: Lab Practical</b> (2 groups) Connective tissue & Blood cells (1:00 – 2:50) ID#7134	<i>Self Directed Learning</i>	<i>Self Directed Learning</i>	<i>Self Directed Learning</i>	<i>Self Directed Learning</i>
02:00 – 02:50					
03:00 – 03:50					

### Learning Topics:

- **Biochemistry:** Connective tissue proteins: structure and functions (ID#7158)

**Note: All lectures will be held in LT 1-41, unless otherwise specified**  
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## Week 5

Time	Sunday 08/Oct/2023	Monday 09/Oct/2023	Tuesday 10/Oct/2023	Wednesday 11/Oct/2023	Thursday 12/Oct/2023
08:00 - 08:50	Self Directed Learning	<b>English: Lecture</b>	<b>English: Lecture</b>	<b>English: Lecture</b>	<b>English: Lecture</b>
09:00 - 09:50		(8:00 - 9:50) ID#7170	(8:00 - 9:50) ID#7480	(8:00 - 9:50) ID#7500	(8:00 - 9:50) ID#7504
09:50 - 10:10	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break
10:10 - 11:00	<b>Physiology: Lecture</b> The structure and function of Ion channels (10:10 - 11:00) ID#7206	<b>Biochemistry: Lecture</b> Enzyme mechanisms (10:10 - 11:00) ID#7160	<b>Physiology: Lecture</b> Membrane Potential (10:10 - 11:00) ID#7214	<b>Biochemistry: Lecture</b> Principles of enzyme regulation (10:10 - 11:00) ID#7162	<b>Anatomy: Lecture</b> Anatomy of the Thorax (10:10 - 11:00) ID#7088
11:10 - 12:00	<b>Biochemistry: Seminar</b> (5 groups) Protein structure (11:10 - 12:00) ID#7278 <b>(LT 1-41, SR-2,3,4,5)</b>	<b>Anatomy: Lecture</b> Anatomy of Body wall (11:10 - 12:00) ID#7575	<b>Health Promotion and Health Education: Lecture</b> Motivational Interviewing: Improving Patient Education (11:10 - 12:00) ID#7394	Self Directed Learning	<b>Biochemistry: Lecture</b> Pathways and control: fundamental objectives in human metabolism (11:10 - 12:00) ID#10009
12:00 - 01:00	Lunch Break	Lunch Break	Lunch Break	Lunch Break	Lunch Break
01:00 - 01:50	<b>Anatomy: Lab Practical</b> (2 groups) Bones and Joints (1:00 - 2:50) ID#9503	Self Directed Learning	Self Directed Learning	<b>Anatomy: Lab Practical</b> (2 groups) Anatomy of body wall (1:00 - 2:50) ID#7208	Self Directed Learning
02:00 - 02:50				Self Directed Learning	
03:00 - 03:50	Self Directed Learning				

### Learning Topics:

**Note: All lectures will be held in LT 1-41, unless otherwise specified**  
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## Week 6

Time	Sunday 15/Oct/2023	Monday 16/Oct/2023	Tuesday 17/Oct/2023	Wednesday 18/Oct/2023	Thursday 19/Oct/2023
08:00 - 08:50	<i>Self Directed Learning</i>	<b>English: Lecture</b>	<b>English: Lecture</b>	<b>English: Lecture</b>	<b>English: Lecture</b>
09:00 - 09:50		(8:00 - 9:50) ID#7427	(8:00 - 9:50) ID#7166	(8:00 - 9:50) ID#7210	(8:00 - 9:50) ID#7441
09:50 - 10:10	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>
10:10 - 11:00	<b>Biochemistry: Lecture</b> Glycolysis; the central catabolic pathway (10:10 - 11:00) ID#7174	<b>Anatomy: Lecture</b> Anatomical organization of abdominal cavity and organs (10:10 - 11:00) ID#7092	<b>Physiology: Lecture</b> Graded and Action Potentials (10:10 - 11:00) ID#7212	<b>Biochemistry: Lecture</b> Tricarboxylic acid cycle (TCA/Krebs cycle) (10:10 - 11:00) ID#7176	<b>Physiology: Seminar</b> (5 groups) Resting membrane potential and action potential (10:10 - 11:00) ID#7220 <b>(LT 1-41, SR-2,3,4,5)</b>
11:10 - 12:00	<i>Self Directed Learning</i>	<i>Self Directed Learning</i>	<b>Health Promotion and Health Education: Lecture</b> Dietary Patterns and Health (11:10 - 12:00) ID#7398	<b>Physiology: Lecture</b> Action potential (11:10 - 12:00) ID#7218	<i>Self Directed Learning</i>
12:00 - 01:00	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>
01:00 - 01:50	<b>Anatomy: Lab Practical</b> (2 groups) Anatomy of the Thorax (1:00 - 2:50) ID#9505	<i>Self Directed Learning</i>	<i>Self Directed Learning</i>	<b>Anatomy: Lab Practical</b> (2 groups) Abdominal wall, cavity and organs (1:00 - 2:50) ID#7516	<i>Self Directed Learning</i>
02:00 - 02:50					
03:00 - 03:50				<i>Self Directed Learning</i>	

### Learning Topics:

- **Biochemistry:** Pentose phosphate pathway (ID#7178)

**Note: All lectures will be held in LT 1-41, unless otherwise specified  
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## Week 7

Time	Sunday 22/Oct/2023	Monday 23/Oct/2023	Tuesday 24/Oct/2023	Wednesday 25/Oct/2023	Thursday 26/Oct/2023		
08:00 - 08:50	Self Directed Learning	<b>English: Lecture</b> (8:00 - 9:50) ID#7538	<b>English: Lecture</b> (8:00 - 9:50) ID#7540	<b>English: Lecture</b> (8:00 - 9:50) ID#7542	<b>English: Lecture</b> (8:00 - 9:50) ID#7563		
09:00 - 09:50							
09:50 - 10:10	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break		
10:10 - 11:00	<b>Biochemistry: Lecture</b> The basis of oxygen use in cell energy production: mitochondrial electron transport (10:10 - 11:00) ID#7246	<b>Physiology: Lecture</b> Chemical signals and signal transduction (10:10 - 11:00) ID#7224	<b>Health Promotion and Health Education: Lecture</b> Physical Activity and Health (10:10 - 11:00) ID#7400	<b>Physiology: Lecture</b> Second Messengers (10:10 - 11:00) ID#7222	<b>Biochemistry: Lecture</b> Storage of glucose in humans; the production and use of glycogen (10:10 - 11:00) ID#7172		
11:10 - 12:00	<b>Physiology: Lecture</b> The synaptic transmission (11:10 - 12:00) ID#7216	<b>Anatomy: Lecture</b> Anatomical organization of pelvis and pelvic wall (11:10 - 12:00) ID#7417	<b>Biochemistry: Lecture</b> Mitochondria in action: ATP synthesis and membrane shuttles (11:10 - 12:00) ID#7248	Self Directed Learning	<b>Multidisciplinary: Class Discussion</b> Physiology Review (11:10 - 12:00) ID#7435		
12:00 - 01:00	Lunch Break	Lunch Break	Lunch Break	Lunch Break	Lunch Break		
01:00 - 01:50	Self Directed Learning	Self Directed Learning	Self Directed Learning	<b>Anatomy: Lab Practical</b> (2 groups) Structure of the pelvic wall, pelvic cavity, perineum and organization of pelvic organs (1:00 - 2:50) ID#7578	Self Directed Learning		
02:00 - 02:50							
03:00 - 03:50							Self Directed Learning

### Learning Topics:

**Note: All lectures will be held in LT 1-41, unless otherwise specified  
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## Week 8

Time	Sunday 29/Oct/2023	Monday 30/Oct/2023	Tuesday 31/Oct/2023	Wednesday 01/Nov/2023	Thursday 02/Nov/2023	
08:00 – 08:50	<i>Self Directed Learning</i>	<b>English: Lecture</b> (8:00 – 9:50) ID#7446	<b>English: Lecture</b> (8:00 – 9:50) ID#7544	<b>English: Lecture</b> (8:00 – 9:50) ID#7554	<b>English: Lecture</b> (8:00 – 9:50) ID#7186	
09:00 – 09:50						
09:50 – 10:10	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>	
10:10 – 11:00	<b>Physiology: Lecture</b> Transcription Factors (10:10 – 11:00) ID#7226	<b>Anatomy: Lecture</b> Histology of bone and osteogenesis (10:10 – 11:00) ID#10013	<b>Anatomy: Lecture</b> Histology of muscle tissue (10:10 – 11:00) ID#7116	<b>Multidisciplinary: Lecture</b> Integration & Wrap up session (Foundation Block) (10:10 – 11:00) ID#7421	<b>Biochemistry: Seminar</b> (5 groups) Glycogen Storage Diseases (10:10 – 11:00) ID#7280 <b>(LT 1-41, SR-2,3,4,5)</b>	
11:10 – 12:00	<b>Anatomy: Lecture</b> Histology of Cartilage (11:10 – 12:00) ID#9005	<b>Multidisciplinary: Class Discussion</b> Biochemistry Review (11:10 – 12:00) ID#9510	<b>Health Promotion and Health Education: Lecture</b> Promoting Healthy Lifestyles (11:10 – 12:00) ID#7403	<i>Self Directed Learning</i>	<i>Self Directed Learning</i>	
12:00 – 01:00	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>	
01:00 – 01:50	<b>Anatomy: Lab Practical</b> (__ groups) Anatomy Lab Review (1:00 – 2:50) ID#7144	<i>Self Directed Learning</i>	<i>Self Directed Learning</i>	<b>Anatomy: Lab Practical</b> (2 groups) Cartilage & Bone (1:00 – 2:50) ID#9012	<i>Self Directed Learning</i>	
02:00 – 02:50						
03:00 – 03:50				<i>Self Directed Learning</i>		

### Learning Topics:

**Note: All lectures will be held in LT 1-41, unless otherwise specified**  
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## Week 9

Time	Sunday 05/Nov/2023	Monday 06/Nov/2023	Tuesday 07/Nov/2023	Wednesday 08/Nov/2023	Thursday 09/Nov/2023
08:00 – 08:50	Self Directed Learning	Self Directed Learning	English: Lecture  (8:00 – 9:50) ID#7488	English: Lecture  (8:00 – 9:50) ID#9514	Assessment: Assessment FB ASSESSMENT PAPER I ID#7576
09:00 – 09:50					
09:50 – 10:10	Coffee Break	Coffee Break	Self Directed Learning	Self Directed Learning	
10:10 – 11:00	Self Directed Learning	Self Directed Learning			
11:10 – 12:00		Assessment: Assessment -----OSPE EXAM----- (11:00 – 2:00) ID#7244 <b>(LT 0-10, MDLs – 1,2)</b>	Lunch Break	Lunch Break	
12:00 – 01:00	Lunch Break		Lunch Break	Lunch Break	
01:00 – 01:50	Self Directed Learning	Self Directed Learning	Self Directed Learning	Self Directed Learning	
02:00 – 02:50					
03:00 – 03:50					

Learning Topics:

**Note: All lectures will be held in LT 1-41, unless otherwise specified  
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Version: 29 May 2023

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## Week 10

Time	Sunday 12/Nov/2023	Monday 13/Nov/2023	Tuesday 14/Nov/2023	Wednesday 15/Nov/2023	Thursday 16/Nov/2023
08:00 - 08:50	<b>English: Lecture</b> <b>Midterm Exam</b> (8:00 - 9:50) ID#7524	<b>English: Lecture</b> (8:00 - 9:50) ID#7546	<b>English: Lecture</b> (8:00 - 9:50) ID#7526	<b>English: Lecture</b> (8:00 - 9:50) ID#7548	<b>English: Lecture</b> (8:00 - 9:50) ID#7152
09:00 - 09:50					
09:50 - 10:10	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>
10:10 - 11:00	<b>Biochemistry: Lecture</b> Amino acid metabolism (10:10 - 11:00) ID#7182	<b>Anatomy: Lecture</b> Central nervous system (10:10 - 11:00) ID#7094	<b>Biochemistry: Lecture</b> Maintaining blood sugar using different substrates; gluconeogenesis (10:10 - 11:00) ID#7180	<b>Biochemistry: Lecture</b> Nucleotide metabolism and roles of purines in health (10:10 - 11:00) ID#7254	<b>Physiology: Lecture</b> Cell junctions and junctional proteins (10:10 - 11:00) ID#7315
11:10 - 12:00	<b>Anatomy: Lecture</b> Classifications of skeletal muscles (11:10 - 12:00) ID#7114	<b>Biochemistry: Lecture</b> Amino acid catabolism and nitrogen disposal (11:10 - 12:00) ID#7184	<b>Anatomy: Lecture</b> Peripheral nervous system (11:10 - 12:00) ID#7096	<i>Self Directed Learning</i>	<b>Biochemistry: Lecture</b> Free radicals: production, damage and control (11:10 - 12:00) ID#10018
12:00 - 01:00	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>
01:00 - 01:50	<i>Self Directed Learning</i>	<i>Self Directed Learning</i>	<i>Self Directed Learning</i>	<b>Anatomy: Lab Practical</b> (2 groups) Histology of muscle tissue (1:00 - 2:50) ID#7138	<i>Self Directed Learning</i>
02:00 - 02:50					
03:00 - 03:50				<i>Self Directed Learning</i>	

### Learning Topics:

**Note: All lectures will be held in LT 1-41, unless otherwise specified**  
**For details of English teaching venues please check with the Department**

## Week 11

Time	Sunday 19/Nov/2023	Monday 20/Nov/2023	Tuesday 21/Nov/2023	Wednesday 22/Nov/2023	Thursday 23/Nov/2023
08:00 - 08:50	<b>English: Lecture</b>	<b>English: Lecture</b>	<b>English: Lecture</b>	<b>English: Lecture</b>	<b>English: Lecture</b>
09:00 - 09:50	(8:00 - 9:50) ID#7168	(8:00 - 9:50) ID#7559	(8:00 - 9:50) ID#7388	(8:00 - 9:50) ID#7550	(8:00 - 9:50) ID#7536
09:50 - 10:10	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>
10:10 - 11:00	<b>Biochemistry: Lecture</b> How do we get fat? Fatty acid synthesis and storage as triacylglycerol. (10:10 - 11:00) ID#7230	<b>Anatomy: Lecture</b> Autonomic nervous system (10:10 - 11:00) ID#7098	<b>Biochemistry: Lecture</b> Fatty Acid Oxidation & Energy Production (10:10 - 11:00) ID#7234	<b>Anatomy: Lecture</b> Integumentary system I (10:10 - 11:00) ID#7423	<b>Biochemistry: Lab Practical</b> (4 groups) Applications of enzyme methods for determination of cholesterol (10:10 - 12:00) ID#7290 <b>(MDLs 1,2,5,6 &amp; 7)</b>
11:10 - 12:00	<b>Physiology: Lecture</b> Cellular microfilaments: Actin and myosin (11:10 - 12:00) ID#7318	<b>Anatomy: Lecture</b> Nervous tissue (I) (11:10 - 12:00) ID#7106	<b>Anatomy: Lecture</b> Nervous tissue (II) (11:10 - 12:00) ID#7108	<b>Physiology: Lecture</b> Microtubules and intermediary filaments (11:10 - 12:00) ID#7320	
12:00 - 01:00	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>
01:00 - 01:50	<i>Self Directed Learning</i>	<b>Biochemistry: Lecture</b> How do Humans synthesize essential poly unsaturated fatty acids? (1:00 - 1:50) ID#7232	<i>Self Directed Learning</i>	<b>Anatomy: Lab Practical</b> (1 group) Organization of skeletal muscles (1:00 - 2:50) ID#7142	<b>Biochemistry: Lab Practical</b> (4 groups) Applications of enzyme methods for determination of cholesterol (1:00 - 2:50) ID#7290 <b>(MDLs 1,2,5,6 &amp; 7)</b>
02:00 - 02:50		<i>Self Directed Learning</i>			
03:00 - 03:50		<i>Self Directed Learning</i>		<i>Self Directed Learning</i>	

### Learning Topics:

**Note: All lectures will be held in LT 1-41, unless otherwise specified**  
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## Week 12

Time	Sunday 26/Nov/2023	Monday 27/Nov/2023	Tuesday 28/Nov/2023	Wednesday 29/Nov/2023	Thursday 30/Nov/2023
08:00 - 08:50	<i>Self Directed Learning</i>	<b>English: Lecture</b>	<b>English: Lecture</b>	<b>English: Lecture</b>	<b>English: Lecture</b>
09:00 - 09:50		(8:00 - 9:50) ID#7102	(8:00 - 9:50) ID#7569	(8:00 - 9:50) ID#7431	(8:00 - 9:50) ID#7571
09:50 - 10:10	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>
10:10 - 11:00	<b>Physiology: Lecture</b> Skeletal muscles (10:10 - 11:00) ID#7322	<b>Anatomy: Lecture</b> Pharyngeal arches, pouches their derivatives (10:10 - 11:00) ID#9032	<b>Physiology: Lecture</b> Contraction and relaxation of Vascular Muscle (10:10 - 11:00) ID#7561	<b>Biochemistry: Lecture</b> Lipoproteins (10:10 - 11:00) ID#7238	<b>Anatomy: Lecture</b> Anatomy of the Head - Scalp & Cranial Cavity II (10:10 - 11:00) ID#7518
11:10 - 12:00	<b>Anatomy: Lecture</b> Integumentary system II (11:10 - 12:00) ID#7491	<b>Physiology: Lecture</b> Contraction and relaxation of Cardiac muscles (11:10 - 12:00) ID#7324	<b>Anatomy: Lecture</b> Anatomy of the Head - Scalp & Cranial Cavity I (11:10 - 12:00) ID#7100	<i>Self Directed Learning</i>	<b>Physiology: Lecture</b> Epithelial Transport (11:10 - 12:00) ID#9026
12:00 - 01:00	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>
01:00 - 01:50	<i>Self Directed Learning</i>	<b>Biochemistry: Lecture</b> Cholesterol (1:00 - 1:50) ID#7236	<i>Self Directed Learning</i>	<b>Anatomy: Lab Practical (1 group)</b> Central Nervous System (1:00 - 2:50) ID#7146	<i>Self Directed Learning</i>
02:00 - 02:50		<i>Self Directed Learning</i>			
03:00 - 03:50		<i>Self Directed Learning</i>		<i>Self Directed Learning</i>	

### Learning Topics:

- **Biochemistry:** Key molecular features that determine properties of cell membranes (ID#7242)

**Note: All lectures will be held in LT 1-41, unless otherwise specified**  
**For details of English teaching venues please check with the Department**

## Week 13

Time	Sunday 03/Dec/2023	Monday 04/Dec/2023	Tuesday 05/Dec/2023	Wednesday 06/Dec/2023	Thursday 07/Dec/2023
08:00 - 08:50	<i>Self Directed Learning</i>	<b>English: Lecture</b>	<b>English: Lecture</b>	<b>English: Lecture</b>	<b>English: Lecture</b>
09:00 - 09:50		(8:00 - 9:50) ID#7452	(8:00 - 9:50) ID#7482	(8:00 - 9:50) ID#7508	(8:00 - 9:50) ID#7486
09:50 - 10:10	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>
10:10 - 11:00	<b>Physiology: Lecture</b> Body organ systems: The endocrine system (10:10 - 11:00) ID#9028	<b>Biochemistry: Lecture</b> Mobilization of fuels and formation and utilization of ketone bodies (10:10 - 11:00) ID#7250	<b>Physiology: Lecture</b> Cardiovascular Circuitry (10:10 - 11:00) ID#9003	<b>Anatomy: Lecture</b> Triangles of the neck (10:10 - 11:00) ID#9018	<b>Biochemistry: Lab Practical</b> (4 groups) Applications of electrophoresis for separation of lipoproteins (10:10 - 12:00) ID#7292 <b>(MDLs 1,2,5,6 &amp; 7)</b>
11:10 - 12:00	<b>Biochemistry: Lecture</b> Diversified roles of lipids: perspective (11:10 - 12:00) ID#7228	<b>Physiology: Lecture</b> Principles of Hemodynamics (11:10 - 12:00) ID#9024	<b>Biochemistry: Seminar</b> (5 groups) Health problems of dietary fats (11:10 - 12:00) ID#7284 <b>(LT 1-41, SR-2,3,4,5)</b>	<b>Biochemistry: Seminar</b> (5 groups) Metabolic consequences of dietary restriction (11:10 - 12:00) ID#7282 <b>(LT 1-41, SR-2,3,4,5)</b>	
12:00 - 01:00	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>
01:00 - 01:50	<b>Anatomy: Lab Practical</b> (1 group) Peripheral nervous system (1:00 - 2:50) ID#7252	<i>Self Directed Learning</i>	<i>Self Directed Learning</i>	<b>Anatomy: Lab Practical</b> (2 groups) Nervous tissue (1:00 - 2:50) ID#7140	<b>Biochemistry: Lab Practical</b> (4 groups) Applications of electrophoresis for separation of lipoproteins (1:00 - 2:50) ID#7292 <b>(MDLs 1,2,5,6 &amp; 7)</b>
02:00 - 02:50					
03:00 - 03:50	<i>Self Directed Learning</i>			<i>Self Directed Learning</i>	<i>Self Directed Learning</i>

### Learning Topics:

**Note: All lectures will be held in LT 1-41, unless otherwise specified**  
**For details of English teaching venues please check with the Department**

## Week 14

Time	Sunday 10/Dec/2023	Monday 11/Dec/2023	Tuesday 12/Dec/2023	Wednesday 13/Dec/2023	Thursday 14/Dec/2023
08:00 - 08:50	<b>English: Lecture</b>	<b>English: Lecture</b>	<b>English: Lecture</b>	<b>English: Lecture</b>	<b>English: Lecture</b>
09:00 - 09:50	(8:00 - 9:50) ID#7405	(8:00 - 9:50) ID#7493	(8:00 - 9:50) ID#7496	(8:00 - 9:50) ID#7478	(8:00 - 9:50) ID#7502
09:50 - 10:10	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>
10:10 - 11:00	<b>Physiology: Lecture</b> Basics of synaptic plasticity (10:10 - 11:00) ID#9055	<b>Physiology: Lecture</b> Introduction to reflex (10:10 - 11:00) ID#7204	<b>Physiology: Lecture</b> Autonomic Nervous System (10:10 - 11:00) ID#9508	<b>Biochemistry: Lecture</b> Dietary Lipids and Energy Utilization (10:10 - 11:00) ID#2756	<b>Physiology: Lecture</b> Buffers in the body fluids (10:10 - 11:00) ID#7333
11:10 - 12:00	<b>Biochemistry: Lecture</b> Introduction to Human Nutrition (11:10 - 12:00) ID#2838	<b>Anatomy: Lecture</b> Fascial Compartments of Neck (11:10 - 12:00) ID#9016	<b>Biochemistry: Lecture</b> Dietary Macronutrients: Proteins and Carbohydrates (11:10 - 12:00) ID#9007	<i>Self Directed Learning</i>	<b>Physiology: Lecture</b> Principles of acid base homeostasis (11:10 - 12:00) ID#7329
12:00 - 01:00	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>
01:00 - 01:50	<b>Anatomy: Lab Practical</b> (2 groups) Microscopic anatomy of skin and its appendages (1:00 - 2:50) ID#7580	<i>Self Directed Learning</i>	<i>Self Directed Learning</i>	<b>Anatomy: Lab Practical</b> (1 group) Scalp & Face (1:00 - 2:50) ID#7150	<i>Self Directed Learning</i>
02:00 - 02:50					
03:00 - 03:50	<i>Self Directed Learning</i>			<i>Self Directed Learning</i>	

### Learning Topics:

**Note: All lectures will be held in LT 1-41, unless otherwise specified  
For details of English teaching venues please check with the Department**

## Week 15

Time	Sunday 17/Dec/2023	Monday 18/Dec/2023	Tuesday 19/Dec/2023	Wednesday 20/Dec/2023	Thursday 21/Dec/2023	
08:00 – 08:50	<i>Self Directed Learning</i>	<b>English: Lecture</b>	<b>English: Lecture</b>	<i>Self Directed Learning</i>	<b>ENGLISH FINAL EXAM</b>	
09:00 – 09:50		(8:00 – 9:50) ID#7528	(8:00 – 9:50) ID#9501			
09:50 – 10:10	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>	
10:10 – 11:00	<b>Biochemistry: Lecture</b> Micronutrients: The Vitamins (10:10 – 11:00) ID#1067	<b>Physiology: Lecture</b> Oxygen and carbon dioxide transport in biological fluids (10:10 – 11:00) ID#9009	<b>Biochemistry: Seminar</b> (5 groups) Biochemistry of nutritional supplements (10:10 – 11:00) ID#7370 <b>(LT 1-41, SR-2,3,4,5)</b>	<b>Physiology: Lecture</b> Temperature regulation (II) (10:10 – 11:00) ID#7345	<b>Physiology: Seminar</b> (5 groups) Acid-base balance and simple acid-base disorder (10:10 – 11:00) ID#7335 <b>(LT 1-41, SR-2,3,4,5)</b>	
11:10 – 12:00	<i>Self Directed Learning</i>	<b>Biochemistry: Lecture</b> Micronutrients : Minerals and Trace Elements (11:10 – 12:00) ID#1021	<b>Physiology: Lecture</b> Temperature Regulation (I) (11:10 – 12:00) ID#7343	<i>Self Directed Learning</i>	<i>Self Directed Learning</i>	
12:00 – 01:00	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>	
01:00 – 01:50	<i>Self Directed Learning</i>	<i>Self Directed Learning</i>	<i>Self Directed Learning</i>	<b>Anatomy: Lab Practical</b> (2 groups) Triangles of the neck (1:00 – 2:50) ID#9030	<i>Self Directed Learning</i>	
02:00 – 02:50						
03:00 – 03:50				<i>Self Directed Learning</i>		

### Learning Topics:

**Note: All lectures will be held in LT 1-41, unless otherwise specified  
For details of English teaching venues please check with the Department**

## Week 16

Time	Sunday 24/Dec/2023	Monday 25/Dec/2023	Tuesday 26/Dec/2023	Wednesday 27/Dec/2023	Thursday 28/Dec/2023
08:00 – 08:50	Self Directed Learning	Self Directed Learning	Self Directed Learning	Self Directed Learning	Self Directed Learning
09:00 – 09:50					
09:50 – 10:10	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break
10:10 – 11:00	<b>Physiology: Lecture</b> Basal metabolism and basal metabolic rate (10:10 – 11:00) ID#7339	<b>Physiology: Lecture</b> Control of food intake and body weight (10:10 – 11:00) ID#7341	<b>Physiology: Seminar</b> (5 groups) Body weight (10:10 – 11:00) ID#7337 <b>(LT 1-41, SR-2,3,4,5)</b>	Self Directed Learning	<b>OSPE Exam</b> <b>(LT 0-10, MDLs – 1,2)</b>
11:10 – 12:00	<b>Multidisciplinary: Class Discussion</b> Wrap up session (Foundation Block) (11:10 – 12:00) ID#7433	<b>Anatomy: Lecture</b> Peripheral distribution of the cranial nerves (11:10 – 12:00) ID#9034	<b>Multidisciplinary: Class Discussion</b> Biochemistry Review (11:10 – 12:00) ID#7276		
12:00 – 01:00	Lunch Break	Lunch Break	Lunch Break	Lunch Break	Lunch Break
01:00 – 01:50	<b>Anatomy: Lab Practical</b> (__ groups) Anatomy Lab Review (1:00 – 2:50) ID#7510	Self Directed Learning	Self Directed Learning	Self Directed Learning	Self Directed Learning
02:00 – 02:50					
03:00 – 03:50					

### Learning Topics:

**Note: All lectures will be held in LT 1-41, unless otherwise specified  
 For details of English teaching venues please check with the Department**



## Week 17

Time	Sunday 31/Dec/2023	Monday 01/Jan/2024	Tuesday 02/Jan/2024	Wednesday 03/Jan/2024	Thursday 04/Jan/2024
08:00 - 08:50	<i>Self Directed Learning</i>	<i>Self Directed Learning</i>	<i>Self Directed Learning</i>	<b>ENGLISH RESIT EXAM</b>	<b>Paper I</b>
09:00 - 09:50					
09:50 - 10:10	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>	
10:10 - 11:00	<i>Self Directed Learning</i>	<i>Self Directed Learning</i>	<i>Self Directed Learning</i>	<i>Self Directed Learning</i>	
11:10 - 12:00					
12:00 - 01:00	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>	<i>Lunch Break</i>
01:00 - 01:50	<i>Self Directed Learning</i>	<i>Self Directed Learning</i>	<i>Self Directed Learning</i>	<i>Self Directed Learning</i>	<i>Self Directed Learning</i>
02:00 - 02:50					
03:00 - 03:50					

**Learning Topics:**

**Note: All lectures will be held in LT 1-41, unless otherwise specified  
For details of English teaching venues please check with the Department**