

Group A, B & C

Week 8 (17th February 2020)

Theme: Structure & function of the urinary system

Day/Time	Monday	Tuesday	Wednesday	Thursday	Friday		
08.30 – 10.30	Module 5: Endocrine & Reproductive System Assessment Week				Assessment Feedback		
10.35 – 11.35				Lecture: Overview of renal system & its physiology (P) Venue: Lecture hall 3	Lecture: Glomerular filtration & its autoregulation (P) Venue: Lecture hall 3		
11.40 – 12.40				Lecture: Structure of the Urinary tract & Posterior Abdominal wall (A) Venue: Lecture hall 3	Lecture: Overview of the histology of the urinary tract (A) Venue: Lecture hall 3		
12.45 – 01.15				Lunch/ Prayer Break			
01.15 – 03.15							Assessment Feedback

Group D & E

Week 8 (17th February 2020)

Theme: Structure & function of the urinary system

Day/Time	Monday	Tuesday	Wednesday	Thursday	Friday		
08.30 – 10.30	Module 5: Endocrine & Reproductive System Assessment Week				Assessment Feedback		
10.35 – 11.35				Lecture: Structure of the Urinary tract & Posterior Abdominal wall (A) Venue: Lecture hall 3	Lecture: Overview of the histology of the urinary tract (A) Venue: Lecture hall 3		
11.40 – 12.40				Lecture: Overview of renal system & its physiology (P) Venue: Lecture hall 3	Lecture: Glomerular filtration & its autoregulation (P) Venue: Lecture hall 3		
12:45 – 01:15				Lunch/ Prayer Break			
01.15 – 03.15							Assessment Feedback

Group A, B & C

Week 1 (24th February 2020)

Theme: Mechanism of urine formation and urine concentration

Day/Time	Monday	Tuesday	Wednesday	Thursday	Friday
08.30 – 10.30	Group A: Group B: Biochemistry lab Group C: Anatomy lab	Group A: Histology lab Group B: Group C: Biochemistry lab	Group A: Physiology lab Group B: Histology lab Group C:	Group A: Anatomy lab Group B: Physiology lab Group C: Histology lab	Group A: Biochemistry lab Group B: Anatomy lab Group C: Physiology lab
10.35 – 11.35	Lecture: Renal circulation & pressures (P) Venue: Lecture hall 3	Lecture: Renal tubules characteristics: PCT, LOH & DCT (P) Venue: Lecture hall 3	Lecture: Development of the Kidney (A) Venue: Lecture hall 3	Lecture: Renal tubules characteristics: Collecting & medullary ducts (P) Venue: Lecture hall 3	Lecture: Tubular reabsorption continued... (P) Venue: Lecture hall 3
11.40 – 12.40	Lecture: Reactions of amino acid metabolism (B) Venue: Lecture hall 3	Lecture: Amino acid metabolism disorders (B) Venue: Lecture hall 3	Lecture: Urea cycle and disorders (B) Venue: Lecture hall 3	Lecture: Macroscopic structure of kidney: Structure, position & relation (A) Venue: Lecture hall 3	Lecture: Development of the urogenital sinus (A) Venue: Lecture hall 3
12:45 – 01:15	Lunch/ Prayer Break				
01.15 – 03.15	Group A: Group B: Group C: Anatomy SGD	Group A: Group B: Group C:	Group A: Physiology SGD Group B: Group C:	Group A: Anatomy SGD Group B: Physiology SGD Group C:	Group A: Group B: Anatomy SGD Group C: Physiology SGD

Biochemistry lab: Normal and abnormal constituents of urine

Physiology lab: Interpretation of Urine Detail Report (D/R)

Anatomy lab: Anatomy of the urinary tract

Histology lab: Histology of the urinary tract

Anatomy SGD: Applied anatomy of the urinary system

Physiology SGD: Overview of Renal function and Glomerular Filtration Rate

Group D & E

Week 1 (24th February 2020)

Theme: Mechanism of urine formation and urine concentration

Day/Time	Monday	Tuesday	Wednesday	Thursday	Friday
08.30 – 10.30	Group D: Physiology lab Group E: Histology lab	Group D: Anatomy lab Group E: Physiology lab	Group D: Biochemistry lab Group E: Anatomy lab	Group D: Group E: Biochemistry lab	Group D: Histology lab Group E:
10.35 – 11.35	Lecture: Reactions of amino acid metabolism (B) Venue: Lecture hall 3	Lecture: Amino acid metabolism disorders (B) Venue: Lecture hall 3	Lecture: Urea cycle and disorders (B) Venue: Lecture hall 3	Lecture: Macroscopic structure of kidney: Structure, position & relation (A) Venue: Lecture hall 3	Lecture: Development of the urogenital sinus (A) Venue: Lecture hall 3
11.40 – 12.40	Lecture: Renal circulation & pressures (P) Venue: Lecture hall 3	Lecture: Renal tubules characteristics: PCT, LOH & DCT (P) Venue: Lecture hall 3	Lecture: Development of the Kidney (A) Venue: Lecture hall 3	Lecture: Renal tubules characteristics: Collecting & medullary ducts (P) Venue: Lecture hall 3	Lecture: Tubular reabsorption continued... (P) Venue: Lecture hall 3
12:45 – 01:15	Lunch/ Prayer Break				
01.15 – 03.15	Group D: Physiology SGD Group E:	Group D: Anatomy SGD Group E: Physiology SGD	Group D: Group E: Anatomy SGD	Group D: Group E:	Group D: Group E:

Biochemistry lab: Normal and abnormal constituents of urine

Physiology lab: Interpretation of Urine Detail Report (D/R)

Anatomy lab: Anatomy of the urinary tract

Histology lab: Histology of the urinary tract

Anatomy SGD: Applied anatomy of the urinary system

Physiology SGD: Overview of Renal function and Glomerular Filtration Rate

Group A, B & C

Week 2 (2nd March 2020)

Theme: Mechanism of urine formation and urine concentration

Day/Time	Monday	Tuesday	Wednesday	Thursday	Friday
08.30 – 10.30	Group A: Group B: Biochemistry lab Group C: Anatomy lab	Group A: Histology lab Group B: Group C: Biochemistry lab	Group A: Physiology lab Group B: Histology lab Group C:	Group A: Anatomy lab Group B: Physiology lab Group C: Histology lab	Group A: Biochemistry lab Group B: Anatomy lab Group C: Physiology lab
10.35 – 11.35	Lecture: Tubular secretions (P) Venue: Lecture hall 3	Lecture: Tm and Renal clearance & Threshold & Tubular load (P) Venue: Lecture hall 3	Lecture: Macroscopic features of the urinary bladder (A) Venue: Lecture hall 3	Lecture: Personal & Professional Development (ME) Venue: Lecture hall 3	Lecture: Mechanism of urinary concentration (P) Venue: Lecture hall 3
11.40 – 12.40	Lecture: Protein catabolism (B) Venue: Lecture hall 4	Lecture: Protein turnover + Digestion (B) Venue: Lecture hall 3	Lecture: Nitrogen balance (B) Venue: Lecture hall 3	Lecture: Macroscopic structure of the ureter: Structure, course & blood supply (A) Venue: Lecture hall 3	Lecture: Neurovascular and lymphatic drainage of the urinary system (A) Venue: Lecture hall 3
12:45 – 01:15	Lunch/ Prayer Break				
01.15 – 03.15	Group A: Group B: Biochemistry SGD Group C: Anatomy SGD	Group A: Embryology tutorial Group B: Embryology tutorial Group C: Biochemistry SGD	Group A: Physiology SGD Group B: Group C: Embryology tutorial	Group A: Anatomy SGD Group B: Physiology SGD Group C: Embryology tutorial	Group A: Biochemistry SGD Group B: Anatomy SGD Group C: Physiology SGD

Biochemistry lab: Estimation of the urea and creatinine

Physiology lab: Renal function tests

Anatomy lab: Anatomy of the urinary tract continued...

Histology lab: Histology of the urinary tract continued...

Biochemistry SGD:

Anatomy SGD: Applied anatomy of the urinary system / **Embryology tutorial:** Development of the urinary system and its anomalies

Physiology SGD: Renal tubular absorption and secretion

Group D & E

Week 2 (2nd March 2020)

Theme: Mechanism of urine formation and urine concentration

Day/Time	Monday	Tuesday	Wednesday	Thursday	Friday
08.30 – 10.30	Group D: Physiology lab Group E: Histology lab	Group D: Anatomy lab Group E: Physiology lab	Group D: Biochemistry lab Group E: Anatomy lab	Group D: Group E: Biochemistry lab	Group D: Histology lab Group E:
10.35 – 11.35	Lecture: Protein catabolism (B) Venue: Lecture hall 4	Lecture: Protein turnover + Digestion (B) Venue: Lecture hall 3	Lecture: Nitrogen balance (B) Venue: Lecture hall 3	Lecture: Macroscopic structure of the ureter: Structure, course & blood supply (A) Venue: Lecture hall 3	Lecture: Neurovascular and lymphatic drainage of the urinary system (A) Venue: Lecture hall 3
11.40 – 12.40	Lecture: Tubular secretions (P) Venue: Lecture hall 3	Lecture: Tm and Renal clearance & Threshold & Tubular load (P) Venue: Lecture hall 3	Lecture: Macroscopic features of the urinary bladder (A) Venue: Lecture hall 3	Lecture: Personal & Professional Development (ME) Venue: Lecture hall 3	Lecture: Mechanism of urinary concentration (P) Venue: Lecture hall 3
12:45 – 01:15	Lunch/ Prayer Break				
01.15 – 03.15	Group D: Physiology SGD Group E:	Group D: Anatomy SGD Group E: Physiology SGD	Group D: Biochemistry SGD Group E: Anatomy SGD	Group D: Group E: Biochemistry SGD	Group D: Embryology tutorial Group E: Embryology tutorial

Biochemistry lab: Estimation of the urea and creatinine

Physiology lab: Renal function tests

Anatomy lab: Anatomy of the urinary tract continued...

Histology lab: Histology of the urinary tract continued...

Biochemistry SGD:

Anatomy SGD: Applied anatomy of the urinary system / Embryology tutorial: Development of the urinary system and its anomalies

Physiology SGD: Renal tubular absorption and secretion

Group A, B & C

Week 3 (9th March 2020)

Theme: Renal failure & its types

Day/Time	Monday	Tuesday	Wednesday	Thursday	Friday
08:30 – 10:30	Group A: Group B: Biochemistry lab Group C: Anatomy lab	Group A: Group B: Group C: Biochemistry lab	Group A: Physiology lab Group B: Group C:	Group A: Anatomy lab Group B: Physiology lab Group C:	Group A: Biochemistry lab Group B: Anatomy lab Group C: Physiology lab
10:35 – 11:35	Lecture: Mechanism of urinary concentration continued... (P) Venue: Lecture hall 3	Lecture: Micturition (P) Venue: Lecture hall 4	Lecture: Buffer system physiology (P) Venue: Lecture hall 4	Lecture: Personal & Professional Development (ME) Venue: Lecture hall 3	Lecture: Principles of acid-base balance (P) Venue: Lecture hall 4
11:40 – 12:40	Lecture: Metabolism of minerals - Sodium (B) Venue: Lecture hall 4	Lecture: Metabolism of minerals - Potassium (B) Venue: Lecture hall 4	Lecture: Metabolism of minerals – Chloride & Phosphate (B) Venue: Lecture hall 4	Lecture: Back region (A) Venue: Lecture hall 4	Lecture: Lumbar plexus (A) Venue: Lecture hall 4
12:45 – 01:15	Lunch/ Prayer Break				
01:15 – 03:15	Group A: Group B: Biochemistry SGD Group C: Anatomy SGD	Group A: Group B: Group C: Biochemistry SGD	Group A: Physiology SGD Group B: Group C:	Group A: Anatomy SGD Group B: Physiology SGD Group C:	Group A: Biochemistry SGD Group B: Anatomy SGD Group C: Physiology SGD

Biochemistry lab: Estimation of electrolytes – Sodium, Potassium, Phosphate and Chloride

Physiology lab: Performing male and female catheterization – Preparation and technique

Anatomy lab: Anatomy of the urinary tract continued...

Biochemistry SGD:

Anatomy SGD: Applied anatomy of the urinary system

Physiology SGD: Concentration of urine and renal clearance

Group D & E

Week 3 (9th March 2020)

Theme: Renal failure & its types

Day/Time	Monday	Tuesday	Wednesday	Thursday	Friday
08.30 – 10.30	Group A: Group B: Biochemistry lab Group C: Anatomy lab	Group A: Group B: Group C: Biochemistry lab	Group A: Physiology lab Group B: Group C:	Group A: Anatomy lab Group B: Physiology lab Group C:	Group A: Biochemistry lab Group B: Anatomy lab Group C: Physiology lab
10.35 – 11.35	Lecture: Metabolism of minerals - Sodium (B) Venue: Lecture hall 4	Lecture: Metabolism of minerals - Potassium (B) Venue: Lecture hall 4	Lecture: Metabolism of minerals – Chloride & Phosphate (B) Venue: Lecture hall 4	Lecture: Back region (A) Venue: Lecture hall 4	Lecture: Lumbar plexus (A) Venue: Lecture hall 4
11.40 – 12.40	Lecture: Mechanism of urinary concentration continued... (P) Venue: Lecture hall 3	Lecture: Micturition (P) Venue: Lecture hall 4	Lecture: Buffer system physiology (P) Venue: Lecture hall 4	Lecture: Personal & Professional Development (ME) Venue: Lecture hall 3	Lecture: Principles of acid-base balance (P) Venue: Lecture hall 4
12.45 – 01.15	Lunch/ Prayer Break				
01.15 – 03.15	Group A: Group B: Biochemistry SGD Group C: Anatomy SGD	Group A: Group B: Group C: Biochemistry SGD	Group A: Physiology SGD Group B: Group C:	Group A: Anatomy SGD Group B: Physiology SGD Group C:	Group A: Biochemistry SGD Group B: Anatomy SGD Group C: Physiology SGD

Biochemistry lab: Estimation of electrolytes – Sodium, Potassium, Phosphate and Chloride**Physiology lab:** Performing male and female catheterization – Preparation and technique**Anatomy lab:** Anatomy of the urinary tract continued...**Biochemistry SGD:****Anatomy SGD:** Applied anatomy of the urinary system**Physiology SGD:** Concentration of urine and renal clearance

Group: A, B, C, D & E

Week 4 (16th March 2020)

Theme: Assessment Week

Day/Time	Monday	Tuesday	Wednesday	Thursday	Friday
08.30 – 10.30	Study Leave	<p><u>Written Examination</u> Objective and Subjective Examination Theory paper: 100 marks</p>	<p><u>Practical Examination</u> Integrated Practical Examination</p>	Module 8: Locomotor system	
10.35 – 11.35					
11.40 – 12.40					
12.45 – 01.15		<p>Viva Examination: Anatomy</p>	<p>Viva Examination: Biochemistry & Physiology</p>		
01.15 – 03.15					