

Group A, B & C

Week 1 (17th September 2018)

Theme: Anatomy & Physiology of Respiratory system

Day/Time	Monday	Tuesday	Wednesday	Thursday	Friday
08.30 – 09.30	Lecture: Muscles of the thoracic wall & mechanics of respiration (A) Venue: Lecture hall 1	Lecture: Neurovasculature of the thoracic wall (A) Venue: Lecture hall 1	Lecture: Diaphragm (A) Venue: Lecture hall 1	Lecture: Structure of nasal air passages & Para-nasal sinuses (A) Venue: Lecture hall 1	Lecture: Nasopharynx (A) Venue: Lecture hall 1
09.35 – 10.30	Lecture: Islamiyat Venue: Lecture hall 1 Instructor: Prof. Dr. Shafi M. Jatoi	Lecture: Mechanics of ventilation (P) Venue: Lecture hall 1	Lecture: Mechanics of ventilation continued... (P) Venue: Lecture hall 1	Lecture: Dead space & compliance of lungs (P) Venue: Lecture hall 1	Lecture: Surfactant & Respiratory Quotient (P) Venue: Lecture hall 1
10.35 – 12.30	Group A: Anatomy Lab Group B: CSL – Block C Group C: Self-study	Group A: Self-study Group B: Anatomy Lab Group C: CSL – Block C	Group A: Self-study Group B: Self-study Group C: Anatomy Lab	Group A: Anatomy Lab Group B: Self-study Group C: Self-study	Group A: CSL – Block C Group B: Self-study Group C: Self-study
01.00 – 03.00	Group A: Pathology SGD – tutorial room I Group B: Self-study Group C: Self-study	Group A: Self-study Group B: Pathology SGD – tutorial room I Group C: Self-study	Group A: Physiology SGD – tutorial room I Group B: Self-study Group C: Pathology SGD – tutorial room IV	Group A: Self-study Group B: Physiology SGD – tutorial room I Group C: Self-study	Group A: Self-study Group B: Self-study Group C: Physiology SGD – tutorial room I

CSL: Overview of physical examination of the Respiratory system: signs & symptoms of patients with lung diseases;

Pathology SGD: Previous module

Anatomy Lab: Anatomy of the Thoracic cage

Physiology SGD: Previous module

Group D & E

Week 1 (17th September 2018)

Theme: Anatomy & Physiology of Respiratory system

Day/Time	Monday	Tuesday	Wednesday	Thursday	Friday
08.30 – 09.30	Lecture: Islamiyat Venue: Lecture hall 2 Instructor: Prof. Dr. Shafi M. Jatoi	Lecture: Mechanics of ventilation (P) Venue: Lecture hall 2	Lecture: Mechanics of ventilation continued... (P) Venue: Lecture hall 2	Lecture: Dead space & compliance of lungs (P) Venue: Lecture hall 2	Lecture: Surfactant & Respiratory Quotient (P) Venue: Lecture hall 2
09.35 – 10.30	Lecture: Muscles of the thoracic wall & mechanics of respiration (A) Venue: Lecture hall 2	Lecture: Neurovasculature of the thoracic wall (A) Venue: Lecture hall 2	Lecture: Diaphragm (A) Venue: Lecture hall 2	Lecture: Structure of nasal air passages & Para-nasal sinuses (A) Venue: Lecture hall 2	Lecture: Nasopharynx (A) Venue: Lecture hall 2
10.35 – 12.30	Group D: Self-study Group E: Self-study	Group D: Self-study Group E: Self-study	Group D: CSL – Block C Group E: Self-study	Group D: Anatomy Lab Group E: CSL – Block C	Group D: Self-study Group E: Anatomy Lab
01.00 – 03.00	Group D: Physiology SGD – Physiology lab Group E: Self-study	Group D: Self-study Group E: Physiology SGD – Physiology lab	Group D: Self-study Group E: Self-study	Group D: Pathology SGD – Physiology lab Group E: Self-study	Group D: Self-study Group E: Pathology SGD – Physiology lab

CSL: Overview of physical examination of the Respiratory system: signs & symptoms of patients with lung diseases;

Pathology SGD: Previous module

Anatomy Lab: Anatomy of the Thoracic cage

Physiology SGD: Previous module

Group A, B & C

Week 2 (24th September 2018)

Theme: Mechanics of Ventilation

Day/Time	Monday	Tuesday	Wednesday	Thursday	Friday
08.30 – 09.30	Lecture: Structure and function of larynx (A) Venue: Lecture hall 1	Lecture: Trachea & Bronchi (A) Venue: Lecture hall 1	Lecture: Pleura (A) Venue: Lecture hall 1	Lecture: Structure of the Lungs (A) Venue: Lecture hall 1	Lecture: Oxidative phosphorylation (B) Venue: Lecture hall 1
09.35 – 10.30	Lecture: Islamiyat Venue: Lecture hall 1 Instructor: Prof. Dr. Shafi M. Jatoi	Lecture: Lung volumes & capacities (P) Venue: Lecture hall 1	Lecture: Pulmonary blood flow & regulation & V/Q ratios (P) Venue: Lecture hall 1	Lecture: Gas exchange across alveolar capillary membrane (P) Venue: Lecture hall 1	Lecture: Oxygen transport (P) Venue: Lecture hall 1
10.35 – 12.30	Group A: Anatomy Lab Group B: CSL – Block C Group C: Self-study	Group A: Self-study Group B: Anatomy Lab Group C: CSL - Block C	Group A: Self-study Group B: Self-study Group C: Anatomy Lab	Group A: Self-study Group B: Self-study Group C: Self-study	Group A: CSL - Block C Group B: Self-study Group C: Self-study
01.00 – 03.00	Group A: Anatomy SGD – Tutorial room I Group B: Self-study Group C: Self-study	Group A: Self-study Group B: Anatomy SGD – tutorial room I Group C: Self-study	Group A: Physiology SGD – tutorial room IV Group B: Self-study Group C: Anatomy SGD – Tutorial room I	Group A: Self-study Group B: Physiology SGD – Tutorial room IV Group C: Self-study	Group A: Self-study Group B: Self-study Group C: Physiology SGD – Tutorial room IV

CSL: Physical examination of the respiratory system I

Anatomy Lab: Anatomy of the respiratory tract

Physiology SGD:

Anatomy SGD:

Group D & E

Week 2 (24th September 2018)

Theme: Mechanics of Ventilation

Day/Time	Monday	Tuesday	Wednesday	Thursday	Friday
08.30 – 09.30	Lecture: Islamiyat Venue: Lecture hall 2 Instructor: Prof. Dr. Shafi M. Jatoi	Lecture: Lung volumes & capacities (P) Venue: Lecture hall 2	Lecture: Pulmonary blood flow & regulation & V/Q ratios (P) Venue: Lecture hall 2	Lecture: Gas exchange across alveolar capillary membrane (P) Venue: Lecture hall 2	Lecture: Oxygen transport (P) Venue: Lecture hall 2
09.35 – 10.30	Lecture: Structure and function of larynx (A) Venue: Lecture hall 2	Lecture: Trachea & Bronchi (A) Venue: Lecture hall 2	Lecture: Pleura (A) Venue: Lecture hall 2	Lecture: Structure of the Lungs (A) Venue: Lecture hall 2	Lecture: Oxidative phosphorylation (B) Venue: Lecture hall 2
10.35 – 12.30	Group D: Self-study Group E: Self-study	Group D: Self-study Group E: Self-study	Group D: CSL - Block C Group E: Self-study	Group D: Anatomy Lab Group E: CSL - Block C	Group D: Self-study Group E: Anatomy Lab
01.00 – 03.00	Group D: Physiology SGD – Physiology lab Group E: Self-study	Group D: Self-study Group E: Physiology SGD – Physiology lab	Group D: Self-study Group E: Self-study	Group D: Anatomy SGD – Physiology lab Group E: Self-study	Group D: Self-study Group E: Anatomy SGD – Physiology lab

CSL: Physical examination of the respiratory system I

Anatomy Lab: Anatomy of the respiratory tract

Physiology SGD:

Anatomy SGD:

Group A, B & C

Week 3 (1st October 2018)

Theme: Regulation of Respiration

Day/Time	Monday	Tuesday	Wednesday	Thursday	Friday
08.30 – 09.30	Lecture: Electron transport Chain (B) Venue: Lecture hall 1	Lecture: Bronchopulmonary segments (A) Venue: Lecture hall 1	Lecture: Development of the respiratory tract (A) Venue: Lecture hall 1	Lecture: Histology of the upper respiratory tract (A) Venue: Lecture hall 1	Lecture: Histology of the lower respiratory tract (A) Venue: Lecture hall 1
09.35 – 10.30	Lecture: Islamiyat Venue: Lecture hall 1 Instructor: Prof. Dr. Shafi M. Jatoi	Lecture: Oxygen transport continued... (P) Venue: Lecture hall 1	Lecture: CO ₂ transport (P) Venue: Lecture hall 1	Lecture: Hypoxia (P) Venue: Lecture hall 1	Lecture: Regulation of respiration (P) Venue: Lecture hall 1
10.35 – 12.30	Group A: Anatomy Lab Group B: CSL – Block C Group C: Self-study	Group A: Self-study Group B: Anatomy Lab Group C: CSL - Block C	Group A: Histology lab Group B: Self-study Group C: Anatomy Lab	Group A: Self-study Group B: Histology lab Group C: Self-study	Group A: CSL - Block C Group B: Self-study Group C: Histology lab
01.00 – 03.00	Group A: Anatomy SGD – Tutorial room I Group B: Self-study Group C: Self-study	Group A: Self-study Group B: Anatomy SGD – tutorial room I Group C: Self-study	Group A: Physiology SGD – tutorial room IV Group B: Self-study Group C: Anatomy SGD – Tutorial room I	Group A: Self-study Group B: Physiology SGD – Tutorial room IV Group C: Self-study	Group A: Self-study Group B: Self-study Group C: Physiology SGD – Tutorial room IV

CSL: Peak Expiratory Flow Rate (PEFR)

Anatomy Lab: Anatomy of the lungs**Histology lab:** Histology of the Upper & Lower Respiratory Tract**Physiology SGD:****Anatomy SGD:****Biochemistry SGD:** Oxidative Phosphorylation & Electron transport chain

Group D & E

Week 3 (1st October 2018)

Theme: Regulation of Respiration

Day/Time	Monday	Tuesday	Wednesday	Thursday	Friday
08.30 – 09.30	Lecture: Islamiyat Venue: Lecture hall 2 Instructor: Prof. Dr. Shafi M. Jatoi	Lecture: Oxygen transport continued... (P) Venue: Lecture hall 2	Lecture: CO ₂ transport (P) Venue: Lecture hall 2	Lecture: Hypoxia (P) Venue: Lecture hall 2	Lecture: Regulation of respiration (P) Venue: Lecture hall 2
09.35 – 10.30	Lecture: Electron transport Chain (B) Venue: Lecture hall 2	Lecture: Bronchopulmonary segments (A) Venue: Lecture hall 2	Lecture: Development of the respiratory tract (A) Venue: Lecture hall 2	Lecture: Histology of the upper respiratory tract (A) Venue: Lecture hall 2	Lecture: Histology of the lower respiratory tract (A) Venue: Lecture hall 2
10.35 – 12.30	Group D: Histology lab Group E: Self-study	Group D: Self-study Group E: Histology lab	Group D: CSL - Block C Group E: Self-study	Group D: Anatomy Lab Group E: CSL - Block C	Group D: Self-study Group E: Anatomy Lab
01.00 – 03.00	Group D: Physiology SGD – Physiology lab Group E: Self-study	Group D: Self-study Group E: Physiology SGD – Physiology lab	Group D: Self-study Group E: Self-study	Group D: Anatomy SGD – Physiology lab Group E: Self-study	Group D: Self-study Group E: Anatomy SGD – Physiology lab

CSL: Peak Expiratory Flow Rate (PEFR)

Anatomy Lab: Anatomy of the lungs**Histology lab:** Histology of the Upper & Lower Respiratory Tract**Physiology SGD:****Anatomy SGD:****Biochemistry SGD:** Oxidative Phosphorylation & Electron transport chain

Group A, B, C, D & E

Week 4 (8th October 2018)

End-Module Examination

Day/Time	Monday	Tuesday	Wednesday	Thursday	Friday
08.30 – 09.30			<p>Written Examination</p> <p>100 MCQs</p> <p>Anatomy = 50 Biochemistry = 05 Physiology = 40 Islamiyat = 05</p> <p>Duration: 2 hours</p>	<p>Objective Structured Clinical Examination</p> <p>(includes content from Haematology, CVS & Respiratory system module)</p>	<p>Practical Examination</p>
09.35 – 10.30					
10.35 – 12.30					
01.00 – 03.00					

Please Note: This module includes the assessment of clinical skills from previous modules including: Haematology, Cardiovascular system & Respiratory system