

Group A, B, C, D & E

Week 1

Theme: Structure and function of Red blood cells

Week	Week 1				Week 2	
Time	27/07/2020 - Mon	28/07/2020 - Tues	29/07/2020 - Wed	30/07/2020 - Thurs	03/08/2020 - Mon	04/08/2020 - Tues
09.00 – 10:00	Lecture: Composition of blood (P) Group: A+B+C	Lecture: Features, function and regulation of RBCs (P) Group: A+B+C	Lecture: Erythropoiesis (P) Group: A+B+C	Lecture: Structure, types and functions of Haemoglobin (P) Group: A+B+C	Lecture: Fate of Haemoglobin (P) Group: A+B+C	Lecture: Classification of anaemia and significance of red cell indices (P) Group: A+B+C
	Lecture: Lymphoid tissue, immune system and thymus (A) Group: D+E	Lecture: Histology of thymus (A) Group: D+E	Lecture: Histology of Lymph nodes (A) Group: D+E	Lecture: Haemoglobin synthesis and its abnormalities (B) Group: D+E	Lecture: Iron metabolism (B) Group: D+E	Lecture: Polycythaemia Vera (P) Group: D+E
10:15 – 11.15	Lecture: Lymphoid tissue, immune system and thymus (A) Group: A+B+C	Lecture: Histology of thymus (A) Group: A+B+C	Lecture: Histology of lymph nodes (A) Group: A+B+C	Lecture: Haemoglobin synthesis and its abnormalities (B) Group: A+B+C	Lecture: Iron metabolism (B) Group: A+B+C	Lecture: Polycythaemia Vera (P) Group: A+B+C
	Lecture: Composition of blood (P) Group: D+E	Lecture: Cellular components of blood (P) Group: D+E	Lecture: Erythropoiesis (P) Group: D+E	Lecture: Formation and development of haemoglobin (P) Group: D+E	Lecture: Fate of Haemoglobin (P) Group: D+E	Lecture: Classification of anaemia and significance of red cell indices (P) Group: D+E
01:15 – 03:00					Physiology SGD: E Biochemistry SGD: A	Physiology SGD: D Biochemistry SGD: B
03.15 – 05:00					Anatomy lab: E Physiology lab: B	Anatomy lab: D Physiology lab: C

Physiology SGD Week 2: Red Blood Cells, Erythropoiesis and Haemoglobin

Physiology lab – Week 2: Haemoglobin estimation

Biochemistry SGD – Week 2: Haemoglobinopathies – biochemical abnormalities

Anatomy lab – Week 2: Macroscopic & microscopic structure of the Lymph node & Thymus

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Week 2 & 3

Theme: Structure and functions of Platelets

Time	Week 2			Week 3		
	05/08/2020 - Wed	06/08/2020 - Thurs	07/08/2020 - Fri	10/08/2020 - Mon	11/08/2020 - Tues	12/08/2020 - Wed
08.30 – 09.30	Lecture: Microcytic anaemia (P) Group: A+B+C	Lecture: Macrocytic anaemia (P) Group: A+B+C	Lecture: Anaemias – Haemolytic & Aplastic (P) Group: A+B+C	Lecture: Blood groups: RH system (P) Group: A+B+C	Lecture: Blood groups ABO system (P) Group: A+B+C	Lecture: Blood transfusion & its complication (P) Group: A+B+C
	Lecture: Histology of spleen & MALT* (A) Group: D+E	Lecture: Jaundice (B) Group: D+E	Lecture: Introduction to vitamins (B) Group: D+E	Lecture: Classification of vitamins (B) Group: D+E	Lecture: Vitamin B12 and folic acid (B) Group: D+E	
09.35 – 10.35	Lecture: Histology of spleen & MALT* (A) Group: A+B+C	Lecture: Jaundice (B) Group: A+B+C	Lecture: Introduction to vitamins (B) Group: A+B+C	Lecture: Classification of vitamins (B) Group: A+B+C	Lecture: Vitamin B12 and folic acid (B) Group: A+B+C	
	Lecture: Microcytic anaemia (P) Group: D+E	Lecture: Macrocytic anaemia (P) Group: D+E	Lecture: Anaemias – Haemolytic & Aplastic (P) Group: D+E	Lecture: Blood groups: RH system (P) Group: D+E	Lecture: Blood groups ABO system (P) Group: D+E	Lecture: Blood transfusion & its complication (P) Group: D+E
10.45 – 12.45	Physiology SGD: A Biochemistry SGD: C	Physiology SGD: B Biochemistry SGD: D	Physiology SGD: C Biochemistry SGD: E	Biochemistry SGD: E	Physiology SGD: A+B Biochemistry SGD: D	Physiology SGD: D+E Biochemistry SGD: C+B
01.15 – 03.15	Anatomy lab: C Physiology Lab: D	Anatomy lab: B Physiology Lab: A	Anatomy lab: A Physiology lab: E	Anatomy lab: E	Anatomy lab: D Physiology lab: B+C	Anatomy lab: C Physiology lab: A

Physiology SGD – Week 3: Fate of Haemoglobin, Anaemias, Blood group system & Hazards of blood transfusion

Biochemistry SGD:

Physiology lab – Week 3: Blood grouping & Cross matching

Histology Lab – Week 3: Macroscopic & microscopic structure of the Spleen & Tonsils

MALT Mucosa Associated Lymphoid Tissue*

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Week 3 & 4

Theme: Structure and function of the Immune system

Week 3		Week 4				
Time	13/08/2020 - Thurs	17/08/2020 - Mon	18/08/2020 - Tues	19/08/2020 - Wed	20/08/2020 - Thurs	21/08/2020 - Fri
08.30 – 09.30	Lecture: Haemostasis & role of thrombocytes (P) Group: A+B+C	Lecture: Clotting cascade (P) Group: A+B+C	Lecture: Origin, characteristics & classification & functions of WBCs (P) Group: A+B+C	Lecture: Properties of white blood cells (P) Group: A+B+C	Lecture: Role of White Blood cells in inflammation (P) Group: A+B+C	
	Lecture: Biochemical functions of vitamin K and its deficiency (B) Group: D+E	Lecture: Composition of plasma and plasma proteins (B) Group: D+E	Lecture: Anti-clotting mechanism & Fibrinolysis (P) Group: D+E	Lecture: Immunoglobulins & eicosanoids (B) Group: D+E		
09.35 – 10.35	Lecture: Biochemical functions of vitamin K and its deficiency (B) Group: A+B+C	Lecture: Composition of plasma and plasma proteins (B) Group: A+B+C	Lecture: Anti-clotting mechanism & Fibrinolysis (P) Group: A+B+C	Lecture: Immunoglobulins & eicosanoids (B) Group: A+B+C		
	Lecture: Haemostasis & role of thrombocytes (P) Group: D+E	Lecture: Clotting cascade (P) Group: D+E	Lecture: Origin, characteristics & classification & functions of WBCs (P) Group: D+E	Lecture: Properties of white blood cells (P) Group: D+E	Lecture: Role of White Blood cells in inflammation (P) Group: D+E	
10.45 – 12.45	Physiology SGD: C Biochemistry SGD: A	Biochemistry SGD: E	Biochemistry SGD: D	Physiology SGD: A+B Biochemistry SGD: C	Physiology SGD: C Biochemistry SGD: A	Physiology SGD: D+E Biochemistry SGD: B
01.15 – 03.15	Anatomy lab: B+A Physiology Lab: D+E	Anatomy lab: C	Anatomy lab: B	Anatomy lab: A Physiology lab: D+E	Anatomy Lab: D Physiology lab: A+B	Anatomy Lab: E Physiology lab: C

Biochemistry SGD – Week 4:

Physiology SGD – Week 4: Platelets, Haemostasis, Clotting and Anti-clotting mechanisms & White Blood Cells

Physiology Lab – Week 4: Bleeding time & Clotting time

Histology Lab – Week 4: Histology of Immune system 2

Week 5 (End-module Exam)

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Week 5					
24/08/2020 - Mon	25/08/2020 - Tues	26/08/2020 - Weds	27/08/2020 - Thur	28/08/2020 - Fri	
Physiology Lab: Group A+B+C	Study Leave	<u>Anatomy</u> 05 MCQs (05 marks)	<u>Biochemistry</u> 25 MCQs (25 marks) 02 SEQs (10 marks)	<u>Physiology</u> 40 MCQs (40 marks) 02 SEQs (10 marks)	
		<u>Anatomy OSPE</u> 03 Spots (15 marks)	<u>Biochemistry OSPE</u> 05 Spots (25 marks)	<u>Physiology OSPE</u> 06 Spots (30 marks)	
Physiology lab: Group D+E		Viva Exam	Viva Exam	Viva Exam	

Physiology lab – Week 5: Interpretation of blood complete picture.