

ABVIMS & Dr. RMLH, DEPARTMENT OF PHYSIOLOGY
MBBS - BATCH: 2021 – 2022

TIME TABLE No. 1

Date / Day	8-9 AM	9 – 10 AM	10 – 11 AM	11 – 12 Noon	12 – 1 PM	2 – 4 PM
21/2/2022 Monday	Lec PY 1.1 Describe the structure and functions of a mammalian cell		SGD			Practical BATCH A Introduction to Physiology Lab & lab ethics
22/2/2022 Tuesday						
23/2/2022 Wednesday		Lec PY 1.2 Describe and discuss the principles of homeostasis				Practical BATCH B Introduction to Physiology Lab & lab ethics
24/2/2022 Thursday	Lec PY 1.7 Describe the concept of pH & Buffer systems in the body. (H.I.-Biochemistry)					
25/2/2022 Friday		LEC PY1.3 Describe intercellular communication	PY1.6 Describe the fluid compartments of the body, its ionic composition & measurements.(H.I. Biochemistry)			Practical BATCH A Introduction to compound Microscope
26/2/2022 Saturday		LEC PY1.5 Describe and discuss transport mechanisms across cell membranes- I	SGD (PY 1.1.1.2)	Practical BATCH B Introduction to compound Microscope		

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TIME TABLE No. 2

Date / Day	8-9 AM	9 – 10 AM	10 – 11 AM	11 – 12 Noon	12 – 1 PM	2 – 4 PM
28/2/2022 Monday	Lec PY1.8 Describe and discuss the molecular basis of resting membrane potential and action potential in excitable tissue.		SGD(PY1.3,1.6,1.7)			Practical BATCH A Introduction to Instruments use in haematology Lab
01/3/2022 Tuesday	HOLIDAY					
02/3/2022 Wednesday		Lec PY1.5 Describe and discuss transport mechanisms across cell membranes- II				Practical BATCH B Introduction to Instruments use in haematology Lab
03/3/2022 Thursday	Lec PY 1.4 Describe apoptosis – programmed cell death. (V.L- Pathology)					
04/3/2022 Friday		Lec PY1.9 Demonstrate ability to describe and discuss the methods used to demonstrate the functions of the cells and its products, its communications and their applications in Clinical care and research.	SGD (PY 1.5,1.8)			Practical BATCH A DOAP PY 2.11 Collection of blood sample
05/3/2022 Saturday		Lec PY2.1& 2.4 Describe the composition and functions of blood components. Describe structure & function of RBCs.	SDL-1 Nernst Potential, Gibbs Donnan effect, Goldman Hodgkin Katz equation	Practical BATCH B DOAP PY 2.11 Collection of blood sample		

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TIME TABLE No. 3

Date / Day	8-9 AM	9 - 10 AM	10 - 11 AM	11 - 12 Noon	12 - 1 PM	2 - 4 PM
07/3/2022 Monday	Lec PY 2.4 Erythropoiesis and its regulation.		SGD- PY1.9,2,1,2,4			Practical BATCH A DOAP PY 2.12 Determination of ESR & PCV (V.I.- Pathology)
08/3/2022 Tuesday						ECE (Physiology)
09/3/2022 Wednesday	LEC PY2.2 Discuss the origin, forms, variations and functions of plasma proteins. (H.L. Biochemistry)	Lec PY2.3 Describe and discuss the synthesis and functions of Haemoglobin and explain its breakdown. Describe variants of haemoglobin- 1. (H.L. Biochemistry)				Practical BATCH B DOAP PY 2.12 Determination of ESR & PCV (V.I.- Pathology)
10/3/2022 Thursday	Lec PY2.3 Describe and discuss the synthesis and functions of Haemoglobin and explain its breakdown. Describe variants of haemoglobin- II. (H.L. Biochemistry)					
11/3/2022 Friday		Lec PY 2.6 WBC formation and its regulation	SDL-2			Practical BATCH A DOAP PY 2.11, 2.12 Determination of Hemoglobin. (V.I.- Pathology)
12/3/2022 Saturday			Lec PY2.10 Define and classify different types of immunity. Describe the development of immunity and its regulation- 1		Practical BATCH B DOAP PY 2.11, 2.12 Determination of Hemoglobin. (V.I.- Pathology)	

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TIME TABLE No. 4

Date / Day	8-9 AM	9 - 10 AM	10 - 11 AM	11 - 12 Noon	12 - 1 PM	2 - 4 PM
14/3/2022 Monday						
15/3/2022 Tuesday						
16/3/2022 Wednesday						
17/3/2022 Thursday						
18/3/2022 Friday						
19/3/2022 Saturday		Lec PY2.10 Define and classify different types of immunity. Describe the development of immunity and its regulation- II	Lec PY 2.7 Describe the formation of platelets, functions and variations.	Practical BATCH A DOAP PY 2.11 Determination of RBC count (V.I.- Pathology)		

FOUNDATION COURSE

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TIME TABLE No. 5

Date / Day	8-9 AM	9 – 10 AM	10 – 11 AM	11 – 12 Noon	12 – 1 PM	2 – 4 PM
21/3/2022 Monday	Lec PY2.9 Describe different blood groups and discuss the clinical importance of blood grouping, blood banking and transfusion. (V.I - Pathology)		PY2.8 Describe the physiological basis of hemostasis and anticoagulants. Describe bleeding & clotting disorders (Hemophilia, purpura)- I (V.I- Pathology)			Practical BATCH B DOAP PY 2.11 Determination of RBC count (V.I- Pathology)
22/3/2022 Tuesday						
23/3/2022 Wednesday		Lec PY2.8 Describe the physiological basis of hemostasis and anticoagulants. Describe bleeding & clotting disorders (Hemophilia, purpura)- II. (V.I- Pathology)				Practical BATCH A DOAP PY 2.11 Blood indices
24/3/2022 Thursday	Lec PY3.1 Describe the structure and functions of a neuron and neuroglia. Discuss Nerve Growth Factor & other growth factors/cytokines. (H.I - Anatomy)					
25/3/2022 Friday		Lec PY 3.2 Describe the types, functions & properties of nerve fibres.	SDL-3			Practical BATCH B DOAP PY 2.11 Blood indices.
26/3/2022 Saturday		STUDENT SEMINAR I	Physiology ECE	Practical BATCH A DOAP PY 2.11 Determination of WBC count. (V.I- Pathology)		

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TIME TABLE No. 6

Date / Day	8-9 AM	9 – 10 AM	10 – 11 AM	11 – 12 Noon	12 – 1 PM	2 – 4 PM
28/3/2022 Monday	Lec PY3.3 Describe the degeneration and regeneration in peripheral nerves. (V.I.- General Medicine)		SGD			Practical BATCH B DOAP PY 2.11 Determination of WBC count. (V.I.- Pathology)
29/3/2022 Tuesday						
30/3/2022 Wednesday	PY3.6(ECE) Describe the patho-physiology of Myasthenia gravis (V.I.- Pathology)	Lec PY3.4 Describe the structure of neuro-muscular junction and transmission of impulses (V.I.- Anaesthesiology)				Practical BATCH A Revision
31/3/2022 Thursday	LEC PY 3.7 Describe the different types of muscle fibres and their structure. (H.I.- Anatomy)					
01/4/2022 Friday		PY3.5 (ECE) Discuss the action of neuro-muscular blocking agents. (V.I.- Anaesthesiology, Pharmacology)	SGD			Practical BATCH B Revision
02/4/2022 Saturday		SDL -4	PRACTICAL DEMONSTRATION	Practical BATCH A DOAP PY 2.11 Determination of DLC. Preparation of blood smear. (V.I.- Pathology)		