

Date:04/05/2022

**NIMRA INSTITUTE OF MEDICAL SCIENCES
DEPARTMENT OF PHYSIOLOGY
TEACHING SCHEDULE FOR THE MONTH OF MAY – 2022**

S.No.	DATE	CODE	COMPETENCY	FACULTY
1	5/5/22 Thu(2-3pm)		General Physiology Introduction	Dr.G.Jayaram
2	6/5/22 Fri(10-11am)	PY1.2	Describe and discuss the principles of homeostasis	Dr.G.Jayaram
3	7/5/22 Sat(11-12pm)	PY1.1, PY1.3	Micro tubules, Micro Filaments & Intermediate filaments Intercellular junctions	Dr.V.Srinivasa Babu
4	7/5/22 Sat(2-3pm)	PY1.4	Describe apoptosis – programmed cell death	Dr.P.Adi Lakshmi
5	9/5/22 Mon(9-10am)	PY1.5	Describe and discuss transport mechanisms across cell membranes	Dr.P.Adi Lakshmi
6	10/5/22 Tue(10-11am)	PY1.8	Describe and discuss the molecular basis of resting membrane potential and action potential in excitable tissue	Dr.Y.Krishnaveni
7	11/5/22 Wed(9-10am)	PY2.1 PY2.2	Describe the composition and functions of blood components Discuss the origin, forms, variations and functions of plasma proteins.	Dr.V.Mahalakshamma
8	12/5/22 Thu(4-5pm)	PY2.4	Describe RBC formation (erythropoiesis & its regulation) and its functions	Dr.V.Srinivasa Babu
9	13/5/22 Fri(10-11am)	PY2.4	Describe RBC formation (erythropoiesis & its regulation) and its functions	Dr.V.Srinivasa Babu
10	13/5/22 Fri(4-5pm)	PY3.1	Describe the structure and functions of a neuron and neuroglia; Discuss Nerve Growth Factor & other growth factors/cytokines	Dr.P.Adi Lakshmi

S.No.	DATE	CODE	COMPETENCY	FACULTY
11	14/5/22 Sat(11-12pm)	PY3.2	Describe the types, functions & Properties of nerve fibers	Dr.P.Adi Lakshmi
12	14/5/22 Sat(2-3pm)	PY2.3	Describe and discuss the synthesis and functions of Haemoglobin and explain its breakdown. Describe variants of haemoglobin.	Dr.V.Srinivasa Babu
13	16/5/22 Mon(9-10am)	PY2.6	Describe WBC formation (granulopoiesis) and its regulations	Dr.Y.Krishnaveni
14	17/5/22 Tue(10-11am)	PY3.2 PY3.3	Describe the types, functions & Properties of nerve fibers Describe the degeneration and regeneration in peripheral nerves	Dr.P.Adi Lakshmi
15	18/5/22 Wed(9-10am)	PY2.6	Describe WBC formation (granulopoiesis) and its regulations	Dr.Y.Krishnaveni
16	19/5/22 Thu(2-3pm)	PY2.5	Describe different types of anaemias	Dr.G.Jayaram
17	20/5/22 Fri(10-11am)	PY2.5	Describe different types of anaemias	Dr.G.Jayaram
18	21/5/22 Sat(11-12pm)	PY2.7	Describe the formation of platelets, functions and variations	Dr.V.Mahalkshamma
19	21/5/22 Sat(2-3pm)	PY2.8	Describe the physiological basis of hemostasis and, anticoagulants. Describe bleeding & clotting disorders (Hemophilia, purpura).	Dr.V.Srinivasa Babu
20	23/5/22 Mon(9-10am)	PY2.8	Describe the physiological basis of hemostasis and, anticoagulants. Describe bleeding & clotting disorders (Hemophilia, purpura).	Dr.V.Srinivasa Babu
21	24/5/22 Tue(10-11am)	PY3.4 PY3.5 PY3.6	Describe the structure of neuro-muscular junction and transmission of impulses. Discuss the action of neuro-muscular blocking agents Describe the Pathophysiology of Myasthenia gravis	Dr.V.Mahalakshamma

S.No.	DATE	CODE	COMPETENCY	FACULTY
22	25/5/22 Wed(9-10am)	PY3.7	Describe the different types of muscle fibres and their structure.	Dr.Y.Krishnaveni
23	26/5/22 Thu(3-4pm)	PY3.9	Describe the molecular basis of muscle contraction in smooth muscles.	Dr.Y.Krishnaveni
24	26/5/22 Thu(4-5pm)	PY2.9	Describe different blood groups and discuss the clinical importance of blood grouping, blood banking and transfusion.	Dr.P. Adi Lakshmi
25	27/5/22 Fri(10-11am)	PY2.10	Define and classify different types of immunity. Describe the development of immunity and its regulations.	Dr.G.Jayaram
26	27/5/22 Fri(4-5pm)	PY2.9	Describe different blood groups and discuss the clinical importance of blood grouping, blood banking and transfusion.	Dr.P. Adi Lakshmi
27	28/5/22 Sat(10-11am)	PY2.10	Define and classify different types of immunity. Describe the development of immunity and its regulations.	Dr.G.Jayaram
28	28/5/22 Sat(2-3pm)	PY3.8	Describe action potential and its properties in different muscle types (skeletal & smooth)	Dr.Y.Krishnaveni
29	30/5/22 Mon(9-10am)	PY5.1	Describe the functional anatomy of heart including chambers, sounds, and pacemaker tissue	Dr.Y.Krishnaveni
30	31/5/22 Tue(10-11am)	PY2.10	Define and classify different types of immunity. Describe the development of immunity and its regulations.	Dr.G.Jayaram

Professor & HOD

Department of Physiology

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**NIMRA INSTITUTE OF MEDICAL SCIENCES
DEPARTMENT OF PHYSIOLOGY
PRACTICAL SCHEDULE FOR THE MONTH OF MAY – 2022**

S.No.	DATE	CODE	BATCH	COMPETENCY	FACULTY
1	9/5/2022 Mon(2-4pm)		B	Microscope	Dr.Y.Krishnaveni
2	10/5/2022 Tue(2-4pm)		C		
3	11/5/2022 Wed(2-4pm)		A		
4	16/5/2022 Mon(2-4pm)		B	TRBC	Dr.P.AdiLakshmi
5	17/5/2022 Tue(2-4pm)		C		
6	18/5/2022 Wed(2-4pm)		A		
7	23/5/2022 Mon(2-4pm)		B	TWBC	Dr.V.Srinivasa Babu
8	24/5/2022 Tue(2-4pm)		C		
9	25/5/2022 Wed(2-4pm)		A		

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**NIMRA INSTITUTE OF MEDICAL SCIENCES
DEPARTMENT OF PHYSIOLOGY
TEACHING SCHEDULE FOR THE MONTH OF MAY – 2022 (4-5pm)**

S.No	DATE	CODE	BATCH	FACULTY	SIGNATURE OF THE FACULTY
1	12/5/22 Thu(4-5pm)	PY2.4	Describe RBC formation (erythropoiesis & its regulation) and its functions	Dr.V.Srinivasa Babu	
2	13/5/22 Fri(4-5pm)	PY3.1	Describe the structure and functions of a neuron and neuroglia; Discuss Nerve Growth Factor & other growth factors/cytokines	Dr.P.Adi Lakshmi	
3	26/5/22 Thu(4-5pm)	PY2.9	Describe different blood groups and discuss the clinical importance of blood grouping, blood banking and transfusion.	Dr.P. Adi Lakshmi	
4	27/5/22 Fri(4-5pm)	PY2.9	Describe different blood groups and discuss the clinical importance of blood grouping, blood banking and transfusion.	Dr.P. Adi Lakshmi	

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