

Date: 26/05/2022

NIMRA INSTITUTE OF MEDICAL SCIENCES
DEPARTMENT OF PHYSIOLOGY
THEORY SCHEDULE FOR THE MONTH OF JUNE – 2022

S.No.	DATE	CODE	COMPETENCY	FACULTY
1	1/06/22 WED(9-10AM)	PY2.10	Define and classify different types of immunity. Describe the development of immunity and its regulations.	Dr.G.Jayaram
2	2/06/22 THU(4-5pm)	PY6.1	Describe the functional anatomy of respiratory tract	Dr.P.Adi Lakshmi
3	3/06/22 FRI(10-11AM)	PY6.2	Describe the mechanics of normal respiration, pressure changes during ventilation.	Dr.P.Adilakshmi
4	3/06/22 FRI(4-5PM)	PY5.2	Describe the properties of cardiac muscle including its morphology, electrical mechanical and metabolic functions.	Dr.Y.Krishnaveni
5	4/06/22 SAT(11-12PM)	PY6.2	Describe lung volumes and capacities, alveolar surface tension, compliance, airway resistance, ventilation, V/P ratio, diffusion capacity of lungs	Dr.G.Jayaram
6	4/06/22 SAT(2-3PM)	PY5.2	Describe the properties of cardiac muscle including its morphology, electrical mechanical and metabolic functions.	Dr.Y.Krishnaveni
7	6/06/22 MON(9-10AM)	PY6.2	Describe lung volumes and capacities, alveolar surface tension, compliance, airway resistance, ventilation, V/P ratio, diffusion capacity of lungs	Dr.G.Jayaram
8	7/06/22 TUE(10-11AM)	PY6.2	Describe lung volumes and capacities, alveolar surface tension, compliance, airway resistance, ventilation, V/P ratio, diffusion capacity of lungs	Dr.G.Jayaram
9	8/06/22 WED(9-10AM)	PY6.2	Describe lung volumes and capacities, alveolar surface tension, compliance, airway resistance, ventilation, V/P ratio, diffusion capacity of lungs	Dr.G.Jayaram
10	9/06/22 THU(4-5PM)	PY5.3 PY5.4	Discuss the events occurring during the cardiac cycle. Describe generation, conduction of cardiac impulse.	Dr.P.Adi Lakshmi
11	10/06/22 FRI(10-11AM)	PY6.2	Describe lung volumes and capacities, alveolar surface tension, compliance, airway resistance, ventilation, V/P ratio, diffusion capacity of lungs	Dr.G.Jayaram

S.No.	DATE	CODE	COMPETENCY	FACULTY
12	10/06/22 FRI(4-5PM)	PY6.3	Describe and discuss the transport of respiratory gas: oxygen	Dr.Y.Krishnaveni
13	11/06/22 SAT(11-12PM)	PY6.3	Describe and discuss the transport of respiratory gas: carbon dioxide	Dr.V.Srinivasa Babu
14	11/06/22 SAT(2-3PM)	PY5.3 PY5.4	Discuss the events occurring during the cardiac cycle. Describe generation, conduction of cardiac impulse.	Dr.P.Adi Lakshmi
15	13/06/22 MON(9-10AM)	PY5.5 PY5.6	Describe the physiology of electrocardiogram (E.C.G), its applications and the cardiac axis Describe abnormal ECG, arrhythmias, heart block and myocardial infarction.	Dr.G.Jayaram
16	14/06/22 TUE(10-11AM)	PY6.6	Describe and discuss the pathophysiology hypoxia, cyanosis,oxygen therapy	Dr.V.Mahalakshamma
17	15/06/22 WED(9-10AM)	PY6.6	Describe and discuss the pathophysiology hypoxia, cyanosis,oxygen therapy	Dr.V.Mahalakshamma
18	16/06/22 THU (4-5PM)	PY6.4	Regulation of respiration	Dr.Y.Krishnaveni
19	17/06/22 FRI(10-11AM)		Neural Regulation of Respiration	Dr.Y.Krishnaveni
20	17/06/22 FRI(4-5PM)	PY5.7 PY5.8	Describe and discuss hemodynamics of circulatory system. Describe and discuss local and systemic cardiovascular regulatory mechanism.	Dr.V.Srinivasa Babu
21	18/06/22 SAT(11-12PM)	PY5.7 PY5.8	Describe and discuss hemodynamics of circulatory system. Describe and discuss local and systemic cardiovascular regulatory mechanism.	Dr.V.Srinivasa Babu
22	18/06/22 SAT(2-3PM)		Chemical Regulation of Respiration	Dr.Y.Krishnaveni
23	20/06/22 MON(9-10AM)	PY6.4 PY6.5	Describe and discuss the physiology of deep sea diving and decompression sickness	Dr.P.Adi Lakshmi
24	21/06/22 TUE(10-11AM)	PY6.6	Describe and discuss the pathophysiology of dyspnoea, asphyxia,drowning, periodic breathing	Dr.G.Jayaram
25	22/06/22 WED(9-10AM)	PY5.5 PY5.6	Describe the physiology of electrocardiogram (E.C.G), its applications and the cardiac axis Describe abnormal ECG, arrhythmias, heart block and myocardial infarction.	Dr.G.Jayaram

S.No.	DATE	CODE	COMPETENCY	FACULTY
26	24/06/22 FRI(10-11AM)	PY5.5 PY5.6	Describe the physiology of electrocardiogram (E.C.G), its applications and the cardiac axis Describe abnormal ECG, arrhythmias, heart block and myocardial infarction.	Dr.G.Jayaram
27	24/06/22 FRI(4-5PM)	PY5.7 PY5.8	Describe and discuss hemodynamics of circulatory system. Describe and discuss local and systemic cardiovascular regulatory mechanism.	Dr.V.Srinivasa Babu
28	25/06/22 SAT(11-12AM)	PY5.5 PY5.6	Describe the physiology of electrocardiogram (E.C.G), its applications and the cardiac axis Describe abnormal ECG, arrhythmias, heart block and myocardial infarction.	Dr.G.Jayaram
29	25/06/2022 SAT(2-3PM)	PY5.8	Describe and discuss local and systemic cardiovascular regulatory mechanism.	Dr.V.Srinivasa Babu
30	27/06/2022 MON(9-10AM)	PY5.8	Describe and discuss local and systemic cardiovascular regulatory mechanism.	Dr.V.Srinivasa Babu
31	28/06/2022 TUE(10-11AM)	PY5.9	Describe the factors affecting heart rate and its regulation Describe the factors affecting CO and regulation of Cardiac output	Dr.P.Adi Lakshmi
32	29/06/2022 WED(9-10AM)	PY5.9	Describe the factors affecting heart rate and its regulation Describe the factors affecting CO and regulation of Cardiac output	Dr.P.Adi Lakshmi
33	30/06/2022 THU(2-3PM)	PY5.8	Describe and discuss local and systemic cardiovascular regulatory mechanism.	Dr.V.Srinivasa Babu

Professor & HOD
Department of Physiology

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

S.No.	DATE	BATCH	COMPETENCY	FACULTY
1	30-5-22 MON(2-4PM)	B	TWBC Demo	Dr.V.Srinivasbabu
	31-5-22 TUE(2-4PM)	C		
	1-6-22 WED(2-4PM)	A		
2	6-6-22 MON(2-4PM)	B	Estimation of Hb And PCV	Dr.Y.Krishnaveni
	7-6-22 TUE(2-4PM)	C		
	8-6-22 WED(2-4PM)	A		
3.	13-6-22 MON(2-4PM)	B	Determination of Blood groups	Dr.P.Adi lakshmi
	14-6-22 TUE(2-4PM)	C	ESR	
	15-6-22 WED(2-4PM)	A	Osmotic fragility	
4	20-6-22 MON(2-4PM)	B	CT & BT	Dr.Y.Krishnaveni
	21-6-22 TUE(2-4PM)	C		
	22-6-22 WED(2-4PM)	A		
5	27-6-22 MON(2-4PM)	B	ECG Demo by physiograph	Dr.P.Adi lakshmi
	28-6-2022 TUES(2-4PM)	C		
	29-6-2022 WED(2-4PM)	A		

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NIMRA INSTITUTE OF MEDICAL SCIENCES
DEPARTMENT OF PHYSIOLOGY
THEORY SCHEDULE FOR THE MONTH OF JUNE – 2022 (4-5 Classes)

S.No	DATE	CODE	COMPETENCY	FACULTY	SIGNATURE OF THE FACULTY
1	2/06/22 THU(4-5pm)	PY6.1	Describe the functional anatomy of respiratory tract	Dr.P.Adi Lakshmi	
2	3/06/22 FRI(4-5PM)	PY5.2	Describe the properties of cardiac muscle including its morphology, electrical mechanical and metabolic functions.	Dr.Y.Krishnaveni	
3	9/06/22 THU(4-5PM)	PY5.3 PY5.4	Discuss the events occurring during the cardiac cycle. Describe generation, conduction of cardiac impulse.	Dr.P.Adi Lakshmi	
4	10/06/22 FRI(4-5PM)	PY6.3	Describe and discuss the transport of respiratory gas: oxygen	Dr.Y.Krishnaveni	
5	16/06/22 THU (4-5PM)	PY6.4	Regulation of respiration	Dr.Y.Krishnaveni	
6	17/06/22 FRI(4-5PM)	PY5.7 PY5.8	Describe and discuss hemodynamics of circulatory system. Describe and discuss local and systemic cardiovascular regulatory mechanism.	Dr.V.Srinivas Babu	
7	24/06/22 FRI(4-5PM)	PY5.7 PY5.8	Describe and discuss hemodynamics of circulatory system. Describe and discuss local and systemic cardiovascular regulatory mechanism.	Dr.V.Srinivas Babu	

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