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	
	1/06/22		Define and classify different types of	Dr.G.Jayaram	
1	WED(9-10AM)	PY2.10	immunity. Describe the development of		
			immunity and its regulations.		
2	2/06/22	PY6.1	Describe the functional anatomy of	Dr.P.Adi Lakshmi	
	THU(4-5pm)		respiratory tract		
	3/06/22		Describe the mechanics of normal		
3	FRI(10-11AM)	PY6.2	respiration, pressure changes during ventilation.	Dr.P.Adilakshmi	
			Describe the properties of cardiac muscle	Dr.Y.Krishnaveni	
4	3/06/22	PY5.2	including its morphology, electrical		
	FRI(4-5PM)		mechanical and metabolic functions.		
			Describe lung volumes and capacities,		
5	4/06/22	PY6.2	alveolar surface tension, compliance,	Dr.G.Jayaram	
	SAT(11-12PM)		airway resistance, ventilation, V/P ratio,		
			diffusion capacity of lungs		
_	. /0.0 /0.0		Describe the properties of cardiac muscle	Dr.Y.Krishnaveni	
6	4/06/22	PY5.2	including its morphology, electrical		
	SAT(2-3PM)		mechanical and metabolic functions.		
-	6 (06 (22	DVC 2	Describe lung volumes and capacities,	D. C. In. annual	
7	6/06/22	PY6.2	alveolar surface tension, compliance,	Dr.G.Jayaram	
	MON(9-10AM)		airway resistance, ventilation, V/P ratio,		
			diffusion capacity of lungs Describe lung volumes and capacities,		
8	7/06/22	PY6.2	alveolar surface tension, compliance,	Dr.G.Jayaram	
0	TUE(10-11AM)	1 10.2	airway resistance, ventilation, V/P ratio,	Dr.G.Jayaram	
	. 52(10 11/101)		diffusion capacity of lungs		
			Describe lung volumes and capacities,		
9	8/06/22	PY6.2	alveolar surface tension, compliance,	Dr.G.Jayaram	
	WED(9-10AM)		airway resistance, ventilation, V/P ratio,	,	
	, ,		diffusion capacity of lungs		
		PY5.3	Discuss the events occurring during the	Dr.P.Adi Lakshmi	
10	9/06/22		cardiac cycle.		
	THU(4-5PM)	PY5.4	Describe generation, conduction of		
			cardiac impulse.		
			Describe lung volumes and capacities,	Dr.G.Jayaram	
11	10/06/22	PY6.2	alveolar surface tension, compliance,		
	FRI(10-11AM)		airway resistance, ventilation, V/P ratio,		
			diffusion capacity of lungs		

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.Mahalakshmamma	
17	15/06/22 WED(9-10AM)	PY6.6	Describe and discuss the pathophysiology hypoxia, cyanosis, oxygen therapy	Dr.V.Mahalakshmamma	
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,	Dr.G.Jayaram
		P13.0	heart block and myocardial infarction.	
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

Date: 26/05/2022

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

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

Professor & HOD
Department of Physiology

Date: 26/05/2022

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

DATE	CODE	COMPETENCY	FACULTY	SIGNATURE OF
2/05/22	DVC 4	Describe the forest and a set on of	D. D. Ad'll all all ar	THE FACULTY
	PY6.1	-	Dr.P.Adi Lakshmi	
		• •	Dr.Y.Krishnaveni	
FRI(4-5PM)	PY5.2			
		electrical mechanical and metabolic		
		functions.		
9/06/22	PY5.3	Discuss the events occurring during	Dr.P.Adi Lakshmi	
THU(4-5PM)		the cardiac cycle.		
	PY5.4	Describe generation, conduction of		
		cardiac impulse.		
10/06/22	PY6.3	Describe and discuss the transport	Dr.Y.Krishnaveni	
FRI(4-5PM)		of respiratory gas: oxygen		
16/06/22	PY6.4	Regulation of respiration	Dr.Y.Krishnaveni	
THU (4-5PM)				
17/06/22	PY5.7	Describe and discuss hemodynamics	Dr.V.Srinivas Babu	
FRI(4-5PM)		of circulatory system.		
		Describe and discuss local and		
	PY5.8	systemic cardiovascular regulatory		
		mechanism.		
24/06/22	PY5.7	Describe and discuss hemodynamics	Dr.V.Srinivas Babu	
		•		
.()		· ·		
	PY5.8			
	2/06/22 THU(4-5pm) 3/06/22 FRI(4-5PM) 9/06/22 THU(4-5PM) 10/06/22 FRI(4-5PM) 16/06/22 THU (4-5PM) 17/06/22	2/06/22 THU(4-5pm) 3/06/22 FRI(4-5PM) PY5.2 9/06/22 PY5.3 THU(4-5PM) PY5.4 10/06/22 PY6.3 FRI(4-5PM) PY6.4 THU (4-5PM) PY5.7 FRI(4-5PM) PY5.7 FRI(4-5PM) PY5.8	2/06/22 PY6.1 Describe the functional anatomy of respiratory tract 3/06/22 PY5.2 Describe the properties of cardiac muscle including its morphology, electrical mechanical and metabolic functions. 9/06/22 PY5.3 Discuss the events occurring during the cardiac cycle. PY5.4 Describe generation, conduction of cardiac impulse. 10/06/22 PY6.3 Describe and discuss the transport of respiratory gas: oxygen 16/06/22 PY6.4 Regulation of respiration 17/06/22 PY5.7 Describe and discuss hemodynamics of circulatory system. Describe and discuss local and	2/06/22 PY6.1 Describe the functional anatomy of respiratory tract 3/06/22 PY5.2 Describe the properties of cardiac muscle including its morphology, electrical mechanical and metabolic functions. 9/06/22 PY5.3 Discuss the events occurring during the cardiac cycle. PY5.4 Describe generation, conduction of cardiac impulse. 10/06/22 PY6.3 Describe and discuss the transport of respiratory gas: oxygen 16/06/22 PY6.4 Regulation of respiration 17/06/22 PY5.7 Describe and discuss hemodynamics of circulatory system. Describe and discuss local and systemic cardiovascular regulatory mechanism.

Professor & HOD Department of Physiology