

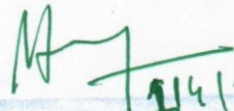
NIMRA INSTITUTE OF MEDICAL SCIENCES

DEPARTMENT OF ANATOMY

1st April 2021

THEORY SCHEDULE FOR THE MONTH OF APRIL (BATCH 2020-21)

S. No	Date & Day	Time	Code	Batch	Roll No's	Competency	Faculty
1	01-04-2021 THURSDAY	10-11AM	AN.21.1,2,3	A	1-75	STERNUM	DR.S.V.SATYA KUMAR
				B	76-150		MRS.A.VASANTHA LAKSHMI
2	03-04-2021 SATURDAY	2-3PM	AN.21.1,2,3	A	1-75	RIBS	MRS.A.VASANTHA LAKSHMI
				B	76-150		DR.S.V.SATYA KUMAR
3	06-04-2021 TUESDAY	9-10AM	AN.21.1,2,3	A	1-75	THORASIC VERTEBRAE	DR.S.V.SATYA KUMAR
				B	76-150		MRS.A.VASANTHA LAKSHMI
4	07-04-2021 WEDNESDAY	10-11AM		A	1-75	INTRODUCTION OF THORAX	DR.G.ARUNA KUMARI
				B	76-150		MR.V.MAHESH
5	08-04-2021 THURSDAY	10-11AM	AN.21.5	A	1-75	INTERCOSTAL SPACE	DR.G.ARUNA KUMARI
				B	76-150		MR.V.MAHESH
6	09-04-2021 FRIDAY	9-10AM	AN.21.5	A	1-75	PLEUREE THORAX BONES TUTORIALS	DR.G.ARUNA KUMARI
				B	76-150		MR.V.MAHESH
7	09-04-2021 FRIDAY	3-4PM		A & B	1-150	TUTORIALS	ALL STAFF
8	10-04-2021 SATURDAY	2-3PM	AN.24.5	A	1-75	LUNG	DR.G.ARUNA KUMARI
				B	76-150		DR.S.V.SATYA KUMAR
9	15-04-2021 THURSDAY	10-11AM	AN.22.1	A	1-75	PERICERDIUM	DR.S.V.SATYA KUMAR
				B	76-150		MRS.A.VASANTHA LAKSHMI
10	16-04-2021 FRIDAY	9-10AM	AN.22.4	A	1-75	EXTERNAL FEATURES OF HEART	DR.G.ARUNA KUMARI
				B	76-150		MR.V.MAHESH


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S. No	Date & Day	Time	Code	Batch	Roll No's	Competency	Faculty
11	16-04-2021 FRIDAY	3-4PM	AN.24.1	A	1-75	PLEURAE "SDL"	ALL STAFF
				B	76-150		
12	17-04-2021 SATURDAY	2-3PM	AN.22.4	A	1-75	BLOOD SUPPLY OF HEART	DR.G.ARUNA KUMARI
				B	76-150		MR.V.MAHESH
13	20-04-2021 TUESDAY	9-10AM	AN.22.4	A	1-75	RT.CHAMBERS OF HEART	DR.S.V.SATYA KUMAR
				B	76-150		MRS.A.VASANTHA LAKSHMI
14	22-04-2021 THURSDAY	10-11AM	AN.73.2	A	1-75	EMBRYOLOGY	DR.M.S.FAROOQUI
			AN.70.1,2	B	76-150	HISTOLOGY	DR.G.ARUNA KUMARI
15	23-04-2021 FRIDAY	9-10AM	AN.73.2	A	1-75	HISTOLOGY	DR.G.ARUNA KUMARI
				B	76-150	EMBRYOLOGY	DR.M.S.FAROOQUI
16	23-04-2021 FRIDAY	3-4PM	AN.70.1,2	A & B	1-150	PERICERDIUM SDL	ALL STAFF
17	24-04-2021 SATURDAY	2-3PM	AN.22.4	A	1-75	LT.CHAMBERS OF HEART	DR.G.ARUNA KUMARI
				B	76-150		DR.S.V.SATYA KUMAR
18	27-04-2021 TUESDAY	9-10AM	AN.21.11	A	1-75	MEDIASTINUM	DR.G.ARUNA KUMARI
				B	76-150		MRS.A.VASANTHA LAKSHMI
19	28-04-2021 WEDNESDAY	10-11AM	AN.73.2	A	1-75	EMBRYOLOGY	DR.M.S.FAROOQUI
			AN.71.1,2	B	76-150	HISTOLOGY	DR.G.ARUNA KUMARI
20	29-04-2021 THURSDAY	10-11AM	AN.71.1,2	A	1-75	HISTOLOGY	DR.G.ARUNA KUMARI
			AN.73.2	B	76-150	EMBRYOLOGY	DR.M.S.FAROOQUI
21	30-04-2021 FRIDAY	9-10AM		A	1-75	AZYGOS VENOUS SY	DR.G.ARUNA KUMARI
				B	76-150		MR.V.MAHESH
22	30-04-2021 FRIDAY	3-4PM		A & B	1-150	RT ATRIUM SDL	ALL STAFF

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G. Aruna Kumari
Dr. G.Aruna Kumari,
HOD, Department of Anatomy.

Professor & HOD
Department of Anatomy
Nimra Institute of Medical Sciences
IBRAHIMPATNAM, VIJAYAWADA (A.P.)

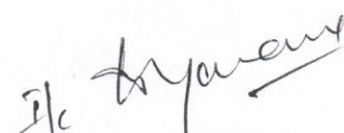
Date:25/03/2021

NIMRA INSTITUTE OF MEDICAL SCIENCES
DEPARTMENT OF PHYSIOLOGY
TEACHING SCHEDULE FOR THE MONTH OF APRIL – 2021 (A-Batch)

S.No	DATE	CODE	COMPETENCY	FACULTY
1	03/04/2021 Sat(11-12pm)	PY4.2	Describe the composition, mechanism of secretion, functions, and regulation of gastric juice secretion.	Dr.V.Srinivasa Babu
2	06/04/2021 Tue(1011am)	PY3.9	Describe the molecular basis of muscle contraction in smooth muscles.	Dr.P.Adi Lakshmi
3	07/04/2021 Wed(9-10am)	PY6.2	Describe the mechanics of normal respiration, pressure changes during ventilation, lung volume and capacities, alveolar surface tension, compliance, airway resistance, ventilation, V/P ratio, diffusion capacity of lungs.	Dr.G.Jayaram
4	09/04/2021 Fri(2-3pm)	PY4.2 PY4.9	Describe the composition, mechanism of secretion, functions, and regulation of gastric juice secretion. Discuss the physiology aspects of: peptic ulcer Gastric function tests	Dr.V.Srinivasa Babu
5	10/04/2021 Sat(11-12pm)	PY6.2	Describe the mechanics of normal respiration, pressure changes during ventilation, lung volume and capacities, alveolar surface tension, compliance, airway resistance, ventilation, V/P ratio, diffusion capacity of lungs.	Dr.G.Jayaram
6	12/04/2021 Mon(9-10am)	PY4.3	Describe the gastric motility, regulation and functions.	Dr.V.Srinivasa Babu
7	16/04/2021 Fri(2-3pm)	PY4.7	Describe & discuss the structure and functions of liver and gall bladder. Liver function tests	Dr.P.Adi Lakshmi
8	17/04/2021 Sat(11-12pm)	PY6.2	Describe the mechanics of normal respiration, pressure changes during ventilation, lung volume and capacities, alveolar surface tension, compliance, airway resistance, ventilation, V/P ratio, diffusion capacity of lungs.	Dr.G.Jayaram


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A-BATCH				
S.No	DATE	CODE	COMPETENCY	FACULTY
9	19/04/2021 Mon(9-10am)	PY4.2 PY4.8	Describe the composition, mechanism of secretion, functions, and regulation of saliva, gastric, pancreatic, intestinal juices and bile secretion. Describe & discuss pancreatic exocrine function	Dr.P.Adi Lakshmi
10	20/04/2021 Tue10-11am)	PY6.3	Describe and discuss the transport of respiratory gases: Oxygen	Dr.V.Mahalakshamma
11	23/04/2021 Fri(2-3pm)	PY4.3	Describe the GIT (small intestine) movements, regulation and functions.	Dr.Y.Krishnaveni
12	24/04/2021 Sat(11-12pm)	PY6.3	Describe and discuss the transport of respiratory gases: Carbon dioxide	Dr.V.Mahalakshamma
13	26/04/2021 Mon(9-10am)	PY4.3	Describe the GIT movements, regulation and functions. (Large intestine) Describe defecation reflex. Explain role of dietary fibre.	Dr.Y.Krishnaveni
14	27/04/2021 Tue10-11am)		Respiratory Centers	Dr.G.Jayaram
15	28/04/2021 Wed(9-10am)	PY4.5	Describe the source of GIT hormones, their regulation and functions.	Dr.V.Mahalakshamma
16	30/04/2021 Fri(2-3pm)		Respiratory Centres	Dr.G.Jayaram


 Professor & HOD
 Department of Physiology
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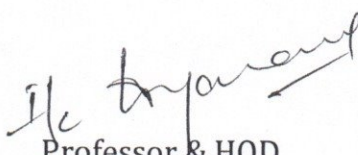
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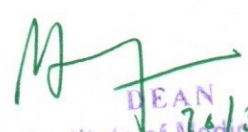
NIMRA INSTITUTE OF MEDICAL SCIENCES
DEPARTMENT OF PHYSIOLOGY
TEACHING SCHEDULE FOR THE MONTH OF APRIL – 2021 (B-Batch)

S.No	DATE	CODE	COMPETENCY	FACULTY
1	03/04/2021 Sat(11-12pm)	PY3.9	Describe the molecular basis of muscle contraction in smooth muscles.	Dr.P.Adi Lakshmi
2	06/04/2021 Tue(10-11am)	PY4.2	Describe the composition, mechanism of secretion, functions, and regulation of gastric juice secretion.	Dr.V.Srinivasa Babu
3	07/04/2021 Wed(9-10am)	PY4.2 PY4.9	Describe the composition, mechanism of secretion, functions, and regulation of gastric juice secretion Discuss the physiology aspects of: peptic ulcer Gastric function tests	Dr.V.Srinivasa Babu
4	09/04/2021 Fri(2-3pm)	PY6.2	Describe the mechanics of normal respiration, pressure changes during ventilation, lung volume and capacities, alveolar surface tension, compliance, airway resistance, ventilation, V/P ratio, diffusion capacity of lungs.	Dr.G.Jayaram
5	10/04/2021 Sat(11-12pm)	PY4.3	Describe the GIT movements, regulation and functions. Describe defecation reflex. Explain role of dietary fibre.	Dr.V.Srinivasa Babu
6	12/04/2021 Mon(9-10am)	PY6.2	Describe the mechanics of normal respiration, pressure changes during ventilation, lung volume and capacities, alveolar surface tension, compliance, airway resistance, ventilation, V/P ratio, diffusion capacity of lungs.	Dr.G.Jayaram
7	16/04/2021 Fri(2-3pm)	PY6.2	-Do-	Dr.Gayaram
8	17/04/2021 Sat(11-12pm)	PY4.7	Describe & discuss the structure and functions of liver and gall bladder. Liver function tests.	Dr.P.Adi Lakshmi

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B-BATCH				
S.No	DATE	CODE	COMPETENCY	FACULTY
9	19/04/2021 Mon(9-10am)	PY6.2	Describe the mechanics of normal respiration, pressure changes during ventilation, lung volume and capacities, alveolar surface tension, compliance, airway resistance, ventilation, V/P ratio, diffusion capacity of lungs.	Dr.G.Jayaram
10	20/04/2021 Tue10-11am)	PY4.2 PY4.8	Describe the composition, mechanism of secretion, functions, and regulation of, pancreatic juice secretion. Describe & discuss, pancreatic exocrine function tests.	Dr.P.Adi Lakshmi
11	23/04/2021 Fri(2-3pm)	PY6.3	Describe and discuss the transport of respiratory gases: Oxygen	Dr.V.Mahalakshamma
12	24/04/2021 Sat(11-12pm)	PY4.3	Describe the GIT movements(small intestine) regulation and functions. Describe defecation reflex.	Dr.Y.Krishnaveni
13	26/04/2021 Mon(9-10am)	PY6.3	Describe and discuss the transport of respiratory gases: Carbon dioxide	Dr.V.Mahalakshamma
14	27/04/2021 Tue10-11am)	PY4.3	Describe the GIT movements (large intestine)regulation and functions. Describe defecation reflex. Explain role of dietary fibre.	Dr.Y.Krishnaveni
15	28/04/2021 Wed(9-10am)		Respiratory Centers	Dr.Jayaram
16	30/04/2021 Fri(2-3pm)	PY4.5	Describe the source of GIT hormones, their regulation and functions.	Dr.V.Mahalakshamma

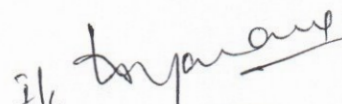

 Professor & HOD
 Department of Physiology
 Department of Physiology
 Nimra Institute of Medical Sciences
 Ibrahimpatnam, Vijayawada (A.P.)


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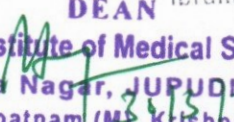
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NIMRA INSTITUTE OF MEDICAL SCIENCES
DEPARTMENT OF PHYSIOLOGY
PRACTICAL SCHEDULE FOR THE MONTH OF APRIL - 2021

S.No.	DATE	CODE	BATCH	COMPETENCY	FACULTY
1	06/04/2021 Tue(2-4Pm)	PY2.11	C	Blood Groups	Dr.V.Srinivasa Babu
2	07/04/2021 Wed(2-4pm)		A		
3	08/03/2021 Mon(2-4Pm)	PY2.11	B	DLC	Dr.P.Adi Lakshmi
4	09/03/2021 Tue(2-4Pm)		C		
5	26/04/2021 Mon(2-4Pm)	PY2.11	B	DLC Revision	All Staff
6	27/04/2021 Tue(2-4Pm)		C		
7	28/04/2021 Wed(2-4pm)		A		


Professor & HOD

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Nimra Institute of Medical Sciences
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NIMRA NAGAR, JUPUDI, IBRAHIMPATNAM (MANDAL), KRISHNA (Dist)

DEPARTMENT OF BIOCHEMISTRY

Date:30-03-2021

April Month Teaching Schedule (Roll NO1-75 Batch)

S.NO	Date	Time	Topic	Faculty
1)	1-4-21	9-10 AM	BI7.1.7) Types of RNA (hnRNA, mRNA, rRNA, tRNA, snRNA) with structure and functions microRNA (miRNA) and small interfering RNA (siRNA) and their applications in medicine	Dr.V.Krishna Murthy
2)	3-4-21	12-1 PM	BI4.1.6) Respiratory distress syndrome BI 4.1.7) Sphingolipids – Types and importance	Dr.T.Santhi
3)	5-4-21	10-11 AM	BI4.1.8)Cholesterol - structure and biological importance	Dr.T.Santhi
4)	8-4-21	9-10 AM	BI2.1.1) Enzymes- Definition, General properties, IUBMB Classification.	Dr.K.Balu Mahendran
5)	9-4-21	10-11 AM	BI2.1.2) Coenzymes and Cofactors	Dr.K.Balu Mahendran
6)	10-4-21	12-1 PM	BI4.1.9) Lipoproteins - Types and functions	Dr.T.Santhi
7)	12-4-21	10-11 AM	BI4.1.10) Amphipathic lipids - Definition, examples and importance, Liposomes	Dr.T.Santhi
8)	15-4-21	9-10 AM	BI2.3.1) Mechanism of Enzyme action - Concept of activation energy, transition state, binding energy, active site; Substrate binding to active site - Koshlands Induced fit theory BI2.3.2) Factors affecting enzyme activity	Dr.K.Balu Mahendran
9)	16-4-21	10-11 AM	BI2.3.3)Effect of substrate concentration - Michaelis -Menton theory, Km value, Vmax and its significance (derivation not required) BI2.3.4) Enzyme specificity	Dr.K.Balu Mahendran
10)	17-4-21	12-1 PM	BI2.4) Describe and discuss enzyme inhibitors as poisons and drugs and as therapeutic enzymes	Dr.K.Balu Mahendran
11)	19-4-21	10-11 AM	BI2.5) Describe and discuss the clinical utility of various serum enzymes as markers of pathological conditions	Dr.V.Krishna Murthy

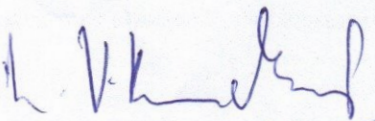
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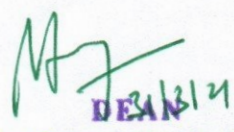
DEPARTMENT OF BIOCHEMISTRY

12)	22-4-21	9-10 AM	BI2.5) Describe and discuss the clinical utility of various serum enzymes as markers of pathological conditions.	Dr.V.Krishna Murthy
13)	23-4-21	10-11 AM	BI2.5) Describe and discuss the clinical utility of various serum enzymes as markers of pathological conditions.	Dr.V.Krishna Murthy
14)	24-4-21	12-1 PM	BI6.6.1) Bioenergetics – Laws of thermodynamics, Free energy, Exergonic and endergonic reactions, Chemical Coupling Redox pair, Redox potential.	Mr.John Basha Shaik
15)	26-4-21	10-11 AM	BI6.6.2) High Energy Compounds – Definition, Classification, biological significance. BI6.6.3) Transport of reducing equivalents across mitochondria	Mr.John Basha Shaik
16)	29-4-21	9-10 AM	BI6.5.2) Water soluble vitamins Thiamine	Dr.Ratnamani
17)	30-4-21	10-11 AM	Riboflavin	Dr.Ratnamani


Dr.V. Krishna Murthy

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NIMRA INSTITUTE OF MEDICAL SCIENCES

NIMRA NAGAR, JUPUDI, IBRAHIMPATNAM (MANDAL), KRISHNA (Dist)

DEPARTMENT OF BIOCHEMISTRY

Date:30-03-2021

April Month Teaching Schedule (Roll NO76-150 Batch)

S.NO	Date	Time	Topic	Faculty
1)	1-4-21	9-10 AM	BI7.1.7) Types of RNA (hnRNA, mRNA, rRNA, tRNA, snRNA) with structure and functions microRNA (miRNA) and small interfering RNA (siRNA) and their applications in medicine	Dr.V.Krishna Murthy
2)	3-4-21	12-1 PM	BI2.1.1) Enzymes- Definition, General properties, IUBMB Classification.	Dr.K.Balu Mahendran
3)	5-4-21	10-11 AM	BI2.1.2) Coenzymes and Cofactors	Dr.K.Balu Mahendran
4)	8-4-21	9-10 AM	BI4.1.6) Respiratory distress syndrome BI 4.1.7) Sphingolipids – Types and importance	Dr.T.Santhi
5)	9-4-21	10-11 AM	BI4.1.8)Cholesterol - structure and biological importance	Dr.T.Santhi
6)	10-4-21	12-1 PM	BI2.3.1) Mechanism of Enzyme action - Concept of activation energy, transition state, binding energy, active site; Substrate binding to active site - Koshlands Induced fit theory BI2.3.2) Factors affecting enzyme activity	Dr.K.Balu Mahendran
7)	12-4-21	10-11 AM	BI2.3.3)Effect of substrate concentration - Michaelis -Menton theory, Km value, Vmax and its significance (derivation not required) BI2.3.4) Enzyme specificity	Dr.K.Balu Mahendran
8)	15-4-21	9-10 AM	BI4.1.9) Lipoproteins - Types and functions	Dr.T.Santhi
9)	16-4-21	10-11 AM	BI4.1.10) Amphipathic lipids - Definition, examples and importance, Liposomes	Dr.T.Santhi
10)	17-4-21	12-1 PM	BI2.5) Describe and discuss the clinical utility of various serum enzymes as markers of pathological conditions.	Dr.V.Krishna Murthy
11)	19-4-21	10-11 AM	BI2.4) Describe and discuss enzyme inhibitors as poisons and drugs and as	Dr.K.Balu Mahendran

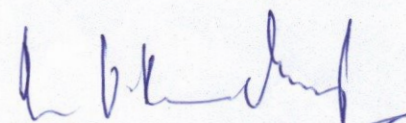
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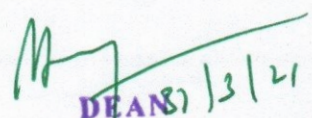
DEPARTMENT OF BIOCHEMISTRY

			therapeutic enzymes	
12)	22-4-21	9-10 AM	BI6.6.1) Bioenergetics – Laws of thermodynamics, Free energy, Exergonic and endergonic reactions, Chemical Coupling Redox pair, Redox potential.	Mr.John Basha Shaik
13)	23-4-21	10-11 AM	BI6.6.2) High Energy Compounds – Definition, Classification, biological significance. BI6.6.3) Transport of reducing equivalents across mitochondria	Mr.John Basha Shaik
14)	24-4-21	12-1 PM	BI2.5) Describe and discuss the clinical utility of various serum enzymes as markers of pathological conditions.	Dr.V.Krishna Murthy
15)	26-4-21	10-11 AM	BI2.5) Describe and discuss the clinical utility of various serum enzymes as markers of pathological conditions.	Dr.V.Krishna Murthy
16)	29-4-21	9-10 AM	BI6.6.4) Electron Transport Chain – Organization, components, flow of electrons.	Mr.John Basha Shaik
17)	30-4-21	10-11 AM	BI6.6.5) Oxidative Phosphorylation – Sites, mechanism (Chemiosmotic theory). BI6.6.6) Binding change mechanism of ATP synthesis by ATP synthase.	Mr.John Basha Shaik


Dr.V. Krishna Murthy

Professor & HOD

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