

# NIMRA INSTITUTE OF MEDICAL SCIENCES

## DEPARTMENT OF ANATOMY

27 April 2021

### ON-LINE THEORY CLASSES SCHEDULE FOR THE MONTH OF MAY (BATCH 2020-21)

S.NO.	DATE & DAY	TOPIC	FACULTY
1.	03-05-2021 MONDAY	LUMBAR PLEXUS FEMORAL ARTRATOR NERVES	DR.G.ARUNA KUMARI, PROF & HOD
2.	04-05-2021 TUESDAY	SACRAL PLEXUS SCIATIC COMMON PERONIAL TIBIAL NERVES	DR.G.ARUNA KUMARI, PROF & HEAD
3.	05-05-2021 WEDNESDAY	EMBRYOLOGY	DR.M.S.FAROOQUI, DEAN
4.	06-05-2021 THURSDAY	RIBS	DR.S.V.SATYA KUMAR, ASST. PROFESSOR
5.	07-05-2021 FRIDAY	STERNUM	MR.V.MAHESH, ASST.PROFESSOR
6.	08-05-2021 SATURDAY	THORASIC VERTEBRAE	MRS.A.VASANTHA LAKSHMI, TUTOR
7.	10-05-2021 MONDAY	FRONT LEG LATERAL COMP. OF LEG	MRS.A.VASANTHA LAKSHMI, TUTOR
8.	11-05-2021 TUESDAY	KNEE JOINT	DR.G.ARUNA KUMARI, PROF & HEAD
9.	12-05-2021 WEDNESDAY	EMBRYOLOGY	DR.M.S.FAROOQUI, DEAN
10.	13-05-2021 THURSDAY	ARCHES OF FOOT	DR.S.V.SATYA KUMAR, ASST. PROFESSOR
11.	15-05-2021 SATURDAY	ANKLE & TIBIO FIBULAR JOINTS	MR.V.MAHESH, ASST.PROFESSOR
12.	17-05-2021 MONDAY	VENOUS & LYMPHATIC DRAINAGE OF L.L	DR.G.ARUNA KUMARI, PROF & HOD
13.	18-05-2021 TUESDAY	LAYERS OF SOLE	MRS.A.VASANTHA LAKSHMI, TUTOR
14.	19-05-2021 WEDNESDAY	EMBRYOLOGY	DR.M.S.FAROOQUI, DEAN
15.	20-05-2021 THURSDAY	APPLIED ASPECT OF LOWER LIMB	DR.G.ARUNA KUMARI, PROF & HOD
16.	21-05-2021 FRIDAY	INTRODUCTION OF THORAX	DR.G.ARUNA KUMARI, PROF & HOD
17.	22-05-2021 SATURDAY	INTERCOSTAL SPACE	DR.G.ARUNA KUMARI, PROF & HOD
18.	24-05-2021 MONDAY	PLEUREE	DR.G.ARUNA KUMARI, PROF & HOD
19.	25-05-2021 TUESDAY	PERICARDIUM	DR.G.ARUNA KUMARI, PROF & HOD
20.	26-05-2021	EMBRYOLOGY	DR.M.S.FAROOQUI, DEAN

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21.	27-05-2021 THURSDAY	EXTERNAL FEATURES OF HEART	DR.G.ARUNA KUMARI, PROF & HOD
22.	28-05-2021 FRIDAY	RT CHAMBERS OF HEART	DR.G.ARUNA KUMARI, PROF & HOD
23.	29-05-2021 SATURDAY	LT CHAMBERS OF HEART	DR.S.V.SATYA KUMAR, ASST. PROFESSOR
24.	31-05-2021 MONDAY	ARCH OF AORTA	MRS.A.VASANTHA LAKSHMI, TUTOR

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## **DEPARTMENT OF ANATOMY**

27 April 2021

### **ON-LINE DISSECTION SCHEDULE FOR THE MONTH OF MAY** **(BATCH 2020-21)**

S.NO.	DATE & DAY	DISSECTION	FACULTY
1.	20-05-2021 THURSDAY	GLUTEAL REGION HAMSTRINGS POPLITEAL FOSSA	DR.G.ARUNA KUMARI, PROF & HOD
2.	21-05-2021 FRIDAY	BACL OF LEG FRONT OF LEG	DR.G.ARUNA KUMARI, PROF & HOD
3.	22-05-2021 SATURDAY	SOLE LAYERS	DR.G.ARUNA KUMARI, PROF & HOD
4.	27-05-2021 THURSDAY	INTERCOSTAL SPACE OPENING OF THORASIC CAGE PLEURAL DISPOSITIONS	DR.G.ARUNA KUMARI, PROF & HOD
5.	28-05-2021 FRIDAY	REMOVAL OF LUNGS, ANATOMICAL POSITION OF LUNGS, ROOT OF LUNGS, IMPRESSIONS OF LUNGS	DR.G.ARUNA KUMARI, PROF & HOD
6.	29-05-2021	REMOVAL OF HEART ANATOMICAL POSITION EXTERNAL FEATURES OF HEART	DR.G.ARUNA KUMARI, PROF & HOD

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## DEPARTMENT OF ANATOMY

27 April 2021

### ON-LINE HISTOLOGY SCHEDULE FOR THE MONTH OF MAY (BATCH 2020-21)

S.NO.	DATE & DAY	HISTOLOGY SLIDES	FACULTY
1.	03-05-2021 MONDAY	LYMPHATIC SYSTEM SPLEEN LYMPH NODE TONSIL THYMUS	DR.S.V.SATYA KUMAR MR.V.MAHESH
2.	10-05-2021 MONDAY	SALIVARY GLANDS SEROUS – PAROTID MUCUS – SUBLINGUAL MIXED - SUBMANDIBULAR	DR.S.V.SATYA KUMAR MR.V.MAHESH
3.	17-05-2021 MONDAY	RESPIRATORY SYSTEM TRACHEA LUNGS SUBTALARJOINTS INVERSION EVERSION	DR.S.V.SATYA KUMAR MR.V.MAHESH
4.	24-05-2021 MONDAY	GIT OESOPHAGUS STOMACH FUNDUS PYLORUS	DR.S.V.SATYA KUMAR MR.V.MAHESH
5.	31-05-2021 MONDY	GIT SMALL INTESTINES DUODENUM JEJUNUM ILIUM	DR.S.V.SATYA KUMAR MR.V.MAHESH

*G. Aruna Kumari*  
27/4/21

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

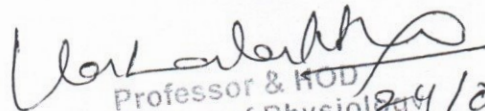


**NIMRA INSTITUTE OF MEDICAL SCIENCES**  
**DEPARTMENT OF PHYSIOLOGY**  
**TEACHING SCHEDULE FOR THE MONTH OF MAY – 2021**

1.	1-5-21 Sat	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
2.	3-5-21 Mon			
3.	4-5-21 Tue	PY 4.2 & 4.9	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.	5-5-21 Wed (9.30-10.30am)			
5.	6-5-21 Thu	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.	7-5-21 Fri			
7.	8-5-21 Sat	PY3.9	Describe the molecular basis of muscle contraction in smooth muscles.	Dr.P.Adi Lakshmi
8.	10-5-21 Mon	PY4.3	Describe the gastric motility, regulation and functions.	Dr.V.Srinivasa Babu
9.	11-5-21 Tue	PY6.3	Describe and discuss the transport of respiratory gases: Oxygen	Dr.P.Adi Lakshmi
10.	12-5-21 Wed (9.30-10.30am)	PY4.7	Describe & discuss the structure and functions of liver and gall bladder. Liver function tests	Dr.V.Mahalakshamma
11.	17-5-21 Mon			
12.	18-5-21 Tue	PY6.3	Describe and discuss the transport of respiratory gases: Carbon dioxide	Dr. Y.Krishnaveni
13.	19-5-21 Wed (9.30-10.30am)	PY4.7	Liver function tests & Jaundice	Dr.V.Mahalakshamma
14.	20-5-21 Thu	PY4.2  PY4.8	Describe the composition, mechanism of secretion, functions, and regulation of pancreatic secretion Describe & discuss pancreatic exocrine function	Dr.P.Adi Lakshmi

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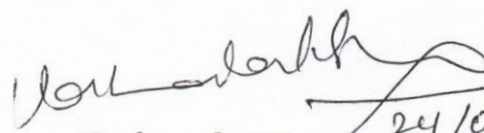
15	21-5-21 Fri	PY4.3	Describe the GIT (small intestine ) movements, regulation and functions.	Dr.Y.Krishnaveni
16	22-5-21 Sat		Respiratory Centers	Dr.G.Jayaram
17	24-5-21 Mon			
18	25-5-21 Tue	PY 6.6	Describe and discuss the Pathophysiology of hypoxia & oxygen therapy.	Dr.V.Mahalakshamma
19	26-5-21 Wed (9.30-10.30am)	PY4.3	Describe the GIT movements (large intestine ) regulation and functions. Describe defecation reflex. Explain role of dietary fibre.	Dr.Y.Krishnaveni
20	27-5-21 Thu	PY 6.4	Describe and discuss the physiology of high altitude. Acclimatization	Dr.V.Srinivasa Babu
21	28-5-21 Fri	PY6.4	Describe and discuss the physiology of deep sea diving Decompression sickness	Dr. P.Adilakshmi
22	29-5-21 Sat	PY 6.6	Describe and discuss the Pathophysiology of dyspnoea, asphyxia, drowning, periodic breathing	Dr.G.Jayaram
23	31-5-21 Mon	PY6.5	Describe and discuss principles of artificial respiration  Describe and discuss lung function tests	Dr.G.Jayaram

  
 Professor & HOD  
 Department of Physiology  
 Nimra Institute of Medical Science  
 Department of Physiology  
 Jayawade  
 24/09/2021



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

1.	4-5-21	PY2.11	Estimate Differential leukocyte count	Dr. P.Adilakshmi
2.	11-5-21		General examination of the patient	Dr.V.Mahalakshamma
3.	18-5-21	PY6.10 PY6.10	Demonstrate the correct technique to perform and interpret Spirometry Demonstrate the correct technique to perform measurement of peak expiratory flow rate in a normal volunteer or simulated environment	Dr.V.Srinivasa Babu
4.	25-5-21	PY6.9	Demonstrate the correct clinical examination of the respiratory system in a normal volunteer or simulated environment	Dr.G.Jayaram

  
24/04/2021

Professor & HOD  
Department of Physiology  
Nimra Institute of Medical Sciences  
Ibrahimpatnam, Vijayawada

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# NIMRA INSTITUTE OF MEDICAL SCIENCES

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

## DEPARTMENT OF BIOCHEMISTRY

Date:24-04-2021

### May Month Teaching Schedule

S.NO	Date	Time	Topic	Faculty
1)	4-5-21	12-1 PM	B16.5) Fat soluble Vitamin A	Dr.V.Krishna Murthy
2)	5-5-21	10.45 AM-11.45 AM	B16.5) Fat soluble Vitamin A	Dr.V.Krishna Murthy
3)	6-5-21	12-1 PM	B12.1.1) Enzymes- Definition, General properties, IUBMB Classification.	Dr.K.Balu Mahendran
4)	7-5-21	12-1 PM	B12.1.2) Coenzymes and Cofactors	Dr.K.Balu Mahendran
5)	8-5-21	12-1 PM	B12.3.1) Mechanism of Enzyme action - Concept of activation energy, transition state, binding energy, active site; Substrate binding to active site - Koshlands Induced fit theory	Dr.K.Balu Mahendran
6)	10-5-21	12-1 PM	B16.6.1) Bioenergetics – Laws of thermodynamics, Free energy, Exergonic and endergonic reactions, Chemical Coupling Redox pair, Redox potential.	Mr.John Basha Shaik
7)	11-5-21	12-1 PM	B16.6.1) Bioenergetics – Laws of thermodynamics, Free energy, Exergonic and endergonic reactions, Chemical Coupling Redox pair, Redox potential.	Mr.John Basha Shaik
8)	12-5-21	10.45 AM-11.45 AM	B12.3.2) Factors affecting enzyme activity	Dr.K.Balu Mahendran
9)	17-5-21	12-1 PM	B12.3.3)Effect of substrate concentration - Michaelis -Menton theory, Km value, Vmax and its significance (derivation not required) B12.3.4) Enzyme specificity	Dr.K.Balu Mahendran
10)	18-5-21	12-1 PM	B12.4) Describe and discuss enzyme inhibitors as poisons and drugs and as therapeutic enzymes	Dr.K.Balu Mahendran
11)	19-5-21	10.45 AM-11.45 AM	B16.6.2)High Energy Compounds – Definition, Classification, biological significance. B16.6.3) Transport of reducing equivalents across mitochondria	Dr.T.Santhi
12)	20-5-21	12-1 PM	B16.6.2)High Energy Compounds – Definition, Classification, biological	Dr.T.Santhi

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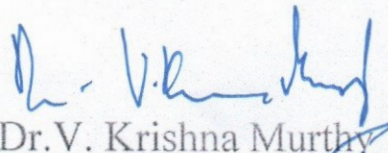


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## DEPARTMENT OF BIOCHEMISTRY

			significance. <b>BI6.6.3)</b> Transport of reducing equivalents across mitochondria	
13)	21-5-21	12-1 PM	BI2.5) Describe and discuss the clinical utility of various serum enzymes as markers of pathological conditions.	Dr.V.Krishna Murthy
14)	22-5-21	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)	24-5-21	12-1 PM	BI2.5) Describe and discuss the clinical utility of various serum enzymes as markers of pathological conditions.	Dr.V.Krishna Murthy
16)	25-5-21	12-1 PM	<b>BI6.5)</b> Fat soluble vitamins Vitamin E	Dr.T.Santhi
17)	26-5-21	10.45 AM-11.45 AM	Vitamin K	Dr.T.Santhi
18)	27-5-21	12-1 PM	<b>BI6.5.2)</b> Water soluble vitamins Thiamine	Dr.Ratnamani
19)	28-5-21	12-1 PM	<b>BI6.5.2)</b> Water soluble vitamins Niacin	Dr.Ratnamani
20)	29-5-21	12-1 PM	Riboflavin	Mr.John Basha Shaik
21)	31-5-21	12-1 PM	Pyridoxine	Mr.John Basha Shaik

  
Dr. V. Krishna Murthy

Professor & HOD

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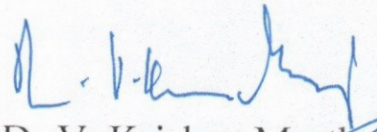
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## DEPARTMENT OF BIOCHEMISTRY

Date:24-04-2021

### May Month Practical Teaching Schedule

S.NO	Date	Time	Topic	Faculty
1)	5-5-21	2-4PM	Colorimetry	Dr.K.Balu Mahendran
2)	12-5-21	2-4PM	Estimation of Blood Glucose	Mr.John Basha Shaik
3)	19-5-21	2-4PM	Estimation of Blood Urea	Dr.K.Balu Mahendran
4)	26-5-21	2-4PM	Estimation of Serum total proteins	Mr.John Basha Shaik



Dr.V. Krishna Murthy

Professor & HOD

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