


Date: 03/08/2021

NIMRA INSTITUTE OF MEDICAL SCIENCES
DEPARTMENT OF ANATOMY
I M.B.B.S 150 STUDENTS (BATCH 2020 – 2021)
THEORY CLASSES FOR THE MONTH OF AUGUST – 2021

S.No	Date/Day	Time	Code	Competency	Faculty
1	02/08/2021 (Monday)	9.30am- 10.30am	AN.48.5	Anal Canal	Dr.G.Aruna Kumari
2	02/08/2021 (Monday)	2pm- 4pm	AN.52.2	Histology of Testis & Epididymis	Mr.V.Mahesh
3	03/08/2021 (Tuesday)	9.30am- 10.30am	AN.48.1	Bony Pelvis	Dr.S.V.Satya Kumar
4	04/08/2021 (Wednesday)	12noon- 1 pm	AN.52.1	Embryology	Dr.M.S.Farooqui
5	05/08/2021 (Thursday)	9.30am- 10.30am	AN.26.2	Normal Verticalis	A.Vasantha Lakshmi
6	05/08/2021 (Thursday)	2pm- 4pm	AN.26.2	Norma frontalis	Dr.S.V.Satya Kumar
7	06/08/2021 (Friday)	9.30am- 10.30am	AN.26.2	Norma Lateralis	Mr.V.Mahesh
8	06/08/2021 (Friday)	2pm- 4pm	AN.26.4	Mandible	Dr.S.V.Satya Kumar
9	07/08/2021 (Saturday)	9.30am- 10.30am	AN.26.2	Normo Occipitalis	A.Vasantha Lakshmi
10	07/08/2021 (Saturday)	2pm- 4pm	AN.26.2	Normo basalis	Mr.V.Mahesh
11	09/08/2021 (Monday)	9.30am- 10.30am	AN.26.1,7	Cervical Vertebrae & Hyoid bone	A.Vasantha Lakshmi
12	09/08/2021 (Monday)	2pm- 4pm	AN.52.2	Histology of Prostate & Vas deferens	Mr.V.Mahesh
13	10/08/2021 (Tuesday)	9.30am- 10.30am	AN.27.1	Scalp	Dr.G.Aruna Kumari
14	11/08/2021 (Wednesday)	12 noon- 1 pm	AN.52.1	Embryology	Dr.M.S.Farooqui
15	12/08/2021 (Thursday)	9.30am- 10.30am	AN.28.1	Muscles of Face	Mr.V.Mahesh
16	12/08/2021 (Thursday)	2pm - 4pm	AN.28.3	Blood supply of Face	Dr.S.V.Satya Kumar
17	20/08/2021 (Friday)	9.30am- 10.30am	AN.28.9,10	Parotid gland	Dr.G.Aruna Kumari
18	21/08/2021 (Saturday)	9.30am- 10.30am	AN.28.1,2	Facial Nerve	Mr.V.Mahesh
19	21/08/2021 (Saturday)	2pm- 4pm	AN.52.2	Histology Practicals	All Staff


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S.No	Date/Day	Time	Code	Competency	Faculty
20	23/08/2021 (Monday)	9.30am- 10.30am	AN.35.2	Thyroid gland	Dr.G.Aruna Kumari
21	23/08/2021 (Monday)	2pm- 4pm		Exam	All Staff
22	24/08/2021 (Tuesday)	9.30am- 10.30am	AN.42.2	Sub Occipital Triangle	Dr.S.V.Satya Kumar
23	24/08/2021 (Tuesday)	2pm- 4pm	AN.52.2	Histology Practicals	All Staff
24	25/08/2021 (Wednesday)	12 noon- 1 pm	AN.52.1	Embryology	Dr.M.S.Farooqui
25	26/08/2021 (Thursday)	9.30am- 10.30am	AN.32.1,2	Digastric Triangle	Dr.S.V.Satya Kumar
26	26/08/2021 (Thursday)	2pm- 4pm	AN.52.2	Histology Practicals	All Staff
27	27/08/2021 (Friday)	9.30am- 10.30am	AN.32.1,2	Anterior Triangle	Mr.V.Mahesh
28	28/08/2021 (Saturday)	9.30am- 10.30am	AN.36.1,4	Tonsil	A.Vasantha Lakshmi
29	28/08/2021 (Saturday)	2pm- 4pm	AN.52.2	Histology Practicals	All Staff
30	31/08/2021 (Tuesday)	9.30am- 10.30am	AN.34.1,2	Sub mandibular gland & Ganglion	Dr.G.Aruna Kumari
31	31/08/2021 (Tuesday)	2pm- 4pm	AN.52.2	Histology Practicals	All Staff

G. Aruna Kumari
Dr. G.Aruna Kumari,
HOD

Department of Anatomy.


Professor & HOD
Department of Anatomy
Nimra Institute of Medical Sciences
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M. S. Farooqui
DEAN
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NIMRA INSTITUTE OF MEDICAL SCIENCES
DEPARTMENT OF PHYSIOLOGY
TEACHING SCHEDULE FOR THE MONTH OF AUGUST – 2021 (A-Batch)

S.No	Date & Time	Competency code	Topic	Faculty
1.	2-8-21	PY8.2 & 8.4	Describe the synthesis, secretion, transport, physiological actions, regulations and effect of altered (hypo and hyper) secretion of pancreas.	DR.G.Jayaram
2.	3-8-21			
3.	4-8-21	PY10.1	Describe and discuss the organization of nervous system.	Dr.P.Adilakshmi
4.	5-8-21	PY7.1	Describe structure and function of kidney .Features of renal blood flow	Dr.V. Mahalakshamma
5.	6-8-21	PY10.2	Describe and discuss the functions and properties of synapse. Synaptic inhibition	Dr.Y.Krishnaveni
6	7-8-21			
7	9-8-21	PY7.2	Describe the structure and functions of juxta glomerular apparatus and role of renin-angiotensin system.	Dr.Y.Krishnaveni
8	10-8-21	PY10.2	Describe the discuss the functions and properties of receptors.	DR.G.Jayaram
9	11-8-21			
10	12-8-21	PY7.3	Describe the mechanism of urine formation involving processes of filtration	Dr.V.Srinivasbabu
11	16-8-21	PY10.3	Describe and discuss somatic sensations & sensory tracts.	Dr.P. Adilakshmi


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12	17-8-21	PY10.3	Describe and discuss somatic sensations & sensory tracts.	Dr.P. Adilakshmi
13	18-8-21			
14	20-8-21		Describe the mechanism of urine formation involving processes of tubular reabsorption & secretion.	Dr.Y.Krishnaveni
15	21-8-21	PY10.4	Describe and discuss motor tracts	Dr.V.Srinivasbabu
16	23-8-21			
17	24-8-21	PY10.6	Describe and discuss spinal cord, its functions, lesion & sensory disturbances.	Dr.V.Mahalakshamma
18	25-8-21	PY7.3	Describe the mechanism of urine formation involving processes of sodium reabsorption & secretion.	Dr.P. Adilakshmi
19	26-8-21	PY10.2	Describe the discuss the functions and properties of reflexes	DR.G.Jayaram
20	27-8-21			
21	28-8-21	PY7.3	Describe the mechanism of urine formation involving processes of potassium reabsorption & secretion.	Dr.P. Adilakshmi
22	31-8-21	PY7.3	Describe the mechanism of urine formation involving processes of concentration and diluting mechanism.	Dr.V.Srinivas babu
23	1-9-21			

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 Department of Physiology
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DEPARTMENT OF PHYSIOLOGY
PRACTICAL SCHEDULE FOR THE MONTH OF AUGUST – 2021

S.No.	Date & time	Competency code	Topic	Faculty
1	3-8-21		Seminar - IV	All faculty
2	10-8-21		VIVA – Respiratory system	All faculty
3	16-8-21 17-8-21 18-8-21	5.12	Record pulse rate at rest and in different grades of exercise and postures in a volunteer or simulated environment	Dr.Y.Krishnaveni
4	23-8-21 24-8-21 25-8-21	5.12	Record blood pressure at rest and in different grades of exercise and postures in a volunteer or simulated environment	Dr.V.Mahalakshamma
5.	31-8-21 1-9-21		REVISION – Recording of pulse and blood pressure	All faculty

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Dr.V.Mahalakshamma
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Department of Physiology
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Prof & HOD Physiology
Ibrahimpatnam, Vijaya Vittala

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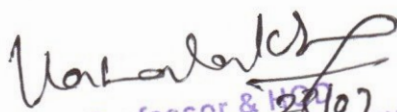
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NIMRA INSTITUTE OF MEDICAL SCIENCES

PHYSIOLOGY DEPARTMENT

SELF DIRECTED LEARNING TOPICS FOR THE MONTH OF AUGUST -2021

Date & Time	Topic
3-8-21 Tue (4-5pm)	Structure of nephron, differences between cortical juxta medullary nephrons ,functions of kidney Organization of nervous system
17-8-21 Tue (4-5pm)	Types of receptors, synapse –Definition and types EPSP,IPSP JG apparatus
31-8-21 Tue(4-5pm)	Mechanism of dilution of urine


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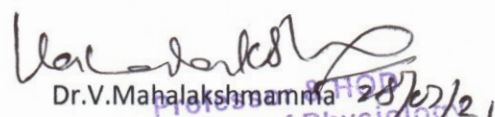
TUTORIAL TOPICS

DATE & TIME	TOPIC
2-8-21 Mon(4-5pm)	Synthesis and actions of cortisol and aldosterone Cardiovascular regulatory mechanism
9-8-21 Mon(4-5pm)	Applied aspects of adrenal gland Blood pressure regulation
16-8-21 Mon(4-5pm)	Regulation and measurement of Cardiac output Actions of Adrenal medulla hormones and applied aspect
23-8-21 Mon(4-5pm)	Coronary circulation Triple response Axon reflex Cerebral circulation

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Dr.V.Mahalakshamma
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Prof. & HOD, Physiology
Department of Physiology
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DEPARTMENT OF PHYSIOLOGY

NOTICE FOR I MBBS STUDENTS – 2021

Theory Viva on 10/8/21 from 2-4-pm

Topic: Respiratory physiology

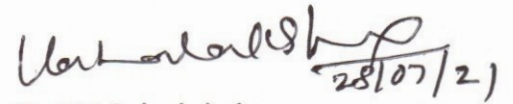
NOTE: Attendance is compulsory

Marks will be added to your internal assessment.

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Dr. V. Mahalakshamma

Professor & HOD

Department of Physiology

Prof & HOD Physiology

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DEPARTMENT OF BIOCHEMISTRY

Date:29-07-2021

August Month Teaching Schedule

S.NO	Date	Time	TOPIC	Faculty
1)	2-8-21	12-1 PM	BI6.12.5) Congenital hyperbilirubinemias	Dr.V. Krishna Murthy
2)	3-8-21	12-1 PM	BI6.12.6) Hemoglobinopathies – molecular defects, pathophysiological changes in thalassemias and sickle cell anemia	Dr.V. Krishna Murthy
3)	4-8-21	10.45 AM-11.45 AM	BI4.2.6) Cholesterol biosynthesis upto mevalonate.	Dr.T.Santhi
4)	5-8-21	12-1 PM	BI4.4.1) Lipoprotein metabolism Structure, Composition, Types, Functions, metabolism of Chylomicrons, VLDL, LDL, HDL	Dr.T.Santhi
5)	6-8-21	12-1 PM	BI4.4.1) Lipoprotein metabolism Structure, Composition, Types, Functions, metabolism of Chylomicrons, VLDL, LDL, HDL	Dr.T.Santhi
6)	7-8-21	12-1 PM	BI4.4.3) Fatty liver and lipotropic factors BI4.4.4) Hyperlipoproteinemias BI4.4.5) Biochemical basis of use of hypolipidemic drugs	Dr.T.Santhi
7)	9-8-21	12-1PM	BI4.5) Interpret laboratory results of analytes associated with metabolism of lipids BI4.6) Describe the therapeutic uses of prostaglandins and inhibitors of eicosanoid synthesis BI4.6.1) Prostaglandins – types and biomedical importance	Dr.T.Santhi
8)	10-8-21	12-1 PM	BI5.3) Describe the digestion and absorption of dietary proteins.	Mr.John Basha Shaik
9)	11-8-21	10.45 AM-11.45 AM	BI5.3.1) Meister Cycle (Gamma Glutamyl Cycle) BI5.3.2) Abnormalities of protein digestion	Mr.John Basha Shaik
10)	12-8-21	12-1 PM	BI5.4.1) Amino acid pool , General reactions – Transamination, Transmethylation, Transdeamination, Deamination - Oxidative and nonoxidative and their significance. BI5.4.2) Biogenic amines	Dr.K.Balu Mahendran


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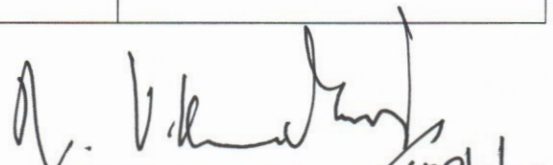
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DEPARTMENT OF BIOCHEMISTRY

11)	20-8-21	12-1 PM	BI5.4.3) Sources and fate of ammonia - Trapping, Transport and Disposal of ammonia, ammonia toxicity BI5.4.4) Urea cycle and its disorders	Dr.K.Balu Mahendran
12)	21-8-21	12-1 PM	BI6.2)Describe and discuss the metabolic processes in which nucleotides are involved.	Dr.V. Krishna Murthy
13)	23-8-21	12-1 PM	BI 6.2.1)Prerequisite: Sources of atoms of Purine and pyrimidine ring Salvage pathways of Purine and pyrimidine synthesis	Dr.V. Krishna Murthy
14)	24-8-21	12-1 PM	BI5.4.5) Glycine – specialised products and their importance	Dr.K.Balu Mahendran
15)	25-8-21	10.45 AM-11.45 AM	BI5.4.6) Phenylalanine, Tyrosine – metabolic pathway, synthesis of catecholamines.Pheochromocytoma Other specialised products formed from tyrosine and their importance	Dr.K.Balu Mahendran
16)	26-8-21	12-1 PM	BI6.3)Describe the common disorders associated with nucleotide metabolism.	Dr.V. Krishna Murthy
17)	27-8-21	12-1 PM	BI6.3.1)Catabolism of Purines, Uric acid and its importance	Dr.V. Krishna Murthy
18)	28-8-21	12-1 PM	BI5.4.7) Tryptophan- synthesis of serotonin and melatonin and their importance Carcinoid syndrome	Mr.John Basha Shaik
19)	30-8-21	12-1 PM	BI5.4.8) Sulphur containing amino acids – functions of cysteine, methionine synthesis of SAM, SAH, Homocysteine	Dr.K.Balu Mahendran


Dr.V. Krishna Murthy 29/7/21

Professor & HOD


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