

**MRA MEDICAL COLLEGE, AMBEDKARNAGAR (UP)**  
**BLOCK TIME TABLE MODULE IV - PHASE I 2020 - 2021**  
**THORAX, RESPIRATORY SYSTEM & C.V.S., ACID BASE BALANCE & NUTRITION**

Date/Days	09:00-10:00 AM	10:00-11:00 AM	11:00-12:00 PM	12:00-01:00 PM	01:00 - 02:00 PM	02:00 - 03:00 PM	03:00 - 04:00 PM	04:00 - 05:00 PM
19-07-21	<b>PY 6.1-(L)</b> Introduction To Respiratory System & Non- Respiratory Functions	PHYSIO-HAEMAT LAB (BATCH-A) <b>(PY 6.2)</b> Respiratory System Examination PHYSIO-HUMAN/EXP. LAB (BATCH-B) <b>(PY 10.11)</b> Respiratory System Examination BIOCHEMISTRY LAB (BATCH-C) <b>(BI-L)</b> Revision			<b>AN 21.6,7 - (L)</b> Thoracic Wall- Muscle Vessels, Internal Thoracic Artery.	<b>AN 21.1 To 21.11, 24.1 to 24.6-P</b> DISSECTION- Thoracic Wall, Lung		
20-07-21	<b>PY 5.10-(L)</b> Special Features Of Pulmonary Circulation.	PHYSIO-HAEMAT LAB (BATCH-B) <b>(PY 6.2)</b> Respiratory System Examination PHYSIO-HUMAN/EXP. LAB (BATCH-C) <b>(PY 10.11)</b> Respiratory System Examination BIOCHEMISTRY LAB (BATCH-A) <b>(BI-L)</b> Revision			<b>AN 21.3- (L)</b> Anatomy of Upper Resp. Tract.	<b>PY 6.2-SGD</b> Mechanics Of Respiration.	<b>BI 8.1-L</b> Dietary components & importance of dietary fibre	<b>PY 5.10(SDL)</b> Pulmonary Circulation
21-07-21	<b>HOLIDAY</b>							
22-07-21	<b>BI AETCOM 1.2</b> Panel Discussion: Physician's Role	PHYSIO-HAEMAT LAB (BATCH-C) <b>(PY 6.2)</b> Respiratory System Examination PHYSIO-HUMAN/EXP. LAB (BATCH-A) <b>(PY 10.11)</b> Respiratory System Examination BIOCHEMISTRY LAB (BATCH-B) <b>(BI-L)</b> Revision			<b>PY 10.13-14(VI-EN)</b> Physiology Of Smell & Taste.	<b>AN 35.3-4,36.1-5-P</b> DISSECTION- Subclavian Artery, IJV, Styloid App&Pharynx		<b>BI 8.1 (SDL)</b> Nutrition
23-07-21	<b>PY 10.15-(L)</b> Transmission Of Sound Waves, Mechanism Of Hearing.	<b>AN 25.1, 24.2 - (P)</b> Histology: Respiratory Tract, Lungs-Lobes, Surface Anatomy.			<b>BI 8.2 - (L)</b> Types & causes of PEM	<b>AN 39.1-2-P</b> DISSECTION: Tongue, Nasal Cavity & PNS.		<b>PY 10.13-14 (SDL)</b> Physiology of Smell & Taste
24-07-21	<b>AN 40.1-2</b> Cong. Deafness Rev.	<b>AN 39.1-2,38.1-P</b> Lymphatic Drainage of Head&Neck, Larynx.			<b>AN 35.7, 36.7-SGD</b> 12THCN, Oral Cav. Waldeyer's Ring, Aud.Tube.	<b>AN 26.1-2 -(L)</b> Osteology of normas.	<b>PY</b> <b>SPORTS</b>	
25-07-21	<b>SUNDAY/HOLIDAY</b>							
26-07-21	<b>AN 52.6- SGD</b> Embryology Rectum& Anal Canal.	<b>PY -(L)</b> Revision	<b>AN 43.1-(L)</b> Styloid app & Joints of Neck.		<b>AN 39.1-2,37.1 -SGD</b> Tongue, Nasal Cavity.	<b>CM -(L)</b> Revision	<b>CM</b> Tutorials	<b>BI</b> SPORTS
27-07-21	<b>PY 6.2-(L)</b> Dead Space, Alveolar Ventilation	ECE PHYSIO-HAEMAT LAB (BATCH-A) <b>(PY 6.7,8 )</b> Status Asthmaticus PHYSIO-HUMAN/EXP. LAB (BATCH-B) <b>(PY 6.7,8 )</b> Status Asthmaticus. BIOCHEMISTRY LAB (BATCH-C) <b>(BI 6.7)</b> Metabolic Acidosis (ECE)			<b>AN 38.1-3, 24.1-6- (L)</b> Surgical Anatomy Of Upper Respiratory Tract.	<b>AN 23.3,23.4-P</b> DISSECTION- Mediastinum Revision		
28-07-21	<b>PY 6.3 - (L)</b> Oxygen Transport-1.	ECE PHYSIO-HAEMAT LAB (BATCH-B)			<b>AN - (P)</b> Histology revision	<b>PY 6.3 - (L)</b> Oxygen Transport-2	<b>BI</b> <b>AETCOM 1.3 SDL</b>	<b>PY 6.2 (SDL)</b> Dead Space

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		(PY 6.7,8) Status Asthmaticus PHYSIO-HUMAN/EXP. LAB (BATCH-C) (PY 6.7,8) Status Asthmaticus. BIOCHEMISTRY LAB (BATCH-A) (BI 6.7) Metabolic Acidosis (ECE)	L		Neonatal Respiration		
29-07-21	BI AETCOM 1.1 Responsibilities of a Doctor	ECE PHYSIO-HAEMAT LAB (BATCH-C) (PY 6.7,8) Status Asthmaticus PHYSIO-HUMAN/EXP. LAB (BATCH-A) (PY 6.7,8) Status Asthmaticus. BIOCHEMISTRY LAB (BATCH-B) (BI 6.7) Metabolic Acidosis (ECE)	U  N  C		AN 25.2, 3, 23.3-4- SGD Embryology of RAS. Post. Med-Azygos vein, Thoracic duct, Descending Aorta.	PY 6.3-SGD Transport of CO <sub>2</sub> -1	PY 6.5 - (L) Artificial Respiration
30-07-21	AN Tutorial.	AN SPORTS	H	BI AETCOM 1.1 PRIVILEGES OF A DOCTOR	AN 23.3,23.4 - (P) DISSECTION-Mediastinum-3.		
31-07-21	PY6.3 (SDL) Neonatal Respiration	AN SPORTS		BI AETCOM 1.1 Panel Discussion: Patient Doctor Interaction	AN 23.3 -6 - (P) DISSECTION- Mediastinum-4&5	AN Seminar.	
1-08-21	SUNDAY/HOLIDAY						
2-08-21	AN23.1 - (L) Blood Supply Of Esophagus	PY 6.6(L) Chemical Regulation Of Respiration & Periodic Breathing.	L	PY6.2,7- SGD Pulmonary Function Test	AN Seminar	CM -(L) Research Methodology	
3-08-21	AN 22.2 (HI-PY) External Features Of Heart.	PHYSIO-HAEMAT LAB (BATCH-A) (PY) WBC Count-Revision PHYSIO-HUMAN/EXP. LAB (BATCH-B) (PY) Charts-Revision BIOCHEMISTRY LAB (BATCH-C) (BI -L) Revision	U	PY6.8,10-SGD Peak Expiratory Flow Rate, Spirometry	AN22.1-2 - (P) DISSECTION-Pericardium, ExternalFeaturesofHeart.		
4-08-21	PY 6.6 - PBL Cyanosis, Clubbing, Asphyxia, Dyspnoea, Drowning.	AN 22.2 (HI-PY) Internal Features Of Heart.	N	BI 8.4 - (L) Obesity	AN22.2 - (P) DISSECTION- Internal Features Of Heart.		
5-08-21	AN 21.1, 2, 23.3-4 (L) Osteology: Mediastinum	PHYSIO-HAEMAT LAB (BATCH-B) (PY) WBC Count-Revision PHYSIO-HUMAN/EXP. LAB (BATCH-C) (PY) Charts-Revision BIOCHEMISTRY LAB (BATCH-A) (BI -L) Revision	C	AN25.1-4-(L) Embryology: Cardio Vascular System	BI 6.7 - (L) Acid Base Balance.	PY6.4, 6 - (L) High Altitude Physiology-1.	
6-08-21	AN 22.1 - (L) Pericardium & Sinuses.	PHYSIO-HAEMAT LAB (BATCH-C) (PY) WBC Count-Revision PHYSIO-HUMAN/EXP. LAB (BATCH-A) (PY) Charts-Revision		PY6.2,7-(L) Pulmonary Function Test Revision	AN 23.1 - (L) Mediastinum- Oesophagus.	CM 8.1, 3 - (L) Prevention & Control of Communicable diseases.	CM -(L) Research Methodology

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		BIOCHEMISTRY LAB (BATCH-B) <b>(BI -L)</b> Revision						
7-08-21	AN 25.1-4 - (L) Development of Heart.	PHYSIO-HAEMAT LAB (BATCH-A) <b>(PY 6.8,10)</b> Spirometry. PHYSIO-HUMAN/EXP. LAB (BATCH-B) <b>(PY 6.7,8)</b> RS Charts. BIOCHEMISTRY LAB (BATCH-C) <b>(BI11.16,19)</b> UseOfpH Meter,ISE, ABG Analyser.		PY 6.4, 5 - (L) High Altitude Physiology-2.	AN 22.2 - (P) DISSECTION: Internal Features of Heart.			
8-08-21	SUNDAY/HOLIDAY							
9-08-21	PY11.4,5,8,12-(L) Effect Of Exercise& Meditation OnRS.	AN 23.5, 6-TUT Mediastinum-4.	L  U  N  C  H	AN-22.5 - (L) Coronary Sinus &Tributaries	PY5.1,2-SGD Structure & Properties of cardiac Muscle.	BI 11.24 - (L) Trans Fat in Food	PY6.6 (SDL) RegulationOf Respiration	
10-08-21	BI -SGD REVISION	AN25.1-4,69.1-3-P Embryology CVS, Histology of Blood Vessels.		PY 5.1, 2 - SGD Ventricular potential & pacemaker potential.	AN 22.1-7 - (P) DISSECTION- Blood Vessels of Heart-1			
11-08-21	PY 5.3 - (L) Cardiac Cycle.	AN22.1 - (L) Pericardium & Sinuses Revision		BI 8.5 - (L) Nutritional Importance &Energy content of Food	AN25.1-4,69.1-3-(P) DISSECTION- Blood Vessels of Heart-2			
12-08-21	AN-22.6 -(L) Fibrous Skeleton Of Heart	PHYSIO-HAEMAT LAB (BATCH-A) <b>(PY 6.8,10 )</b> Spirometry. PHYSIO-HUMAN/EXP. LAB (BATCH-B) <b>(PY 6.7,8 )</b> RS Charts BIOCHEMISTRY LAB (BATCH-C) <b>(BI11.16,19)</b> UseOfpH Meter,ISE, ABG Analyser.		AN Seminar.	BI SPORTS	PY 5.9 - (L) Heart Rate.		
13-08-21	AN 25.4-6 - (L) Development of Vessels.	PHYSIO-HAEMAT LAB (BATCH-B) <b>(PY 6.8,10 )</b> Spirometry. PHYSIO-HUMAN/EXP. LAB (BATCH-C) <b>(PY 6.7,8 )</b> RS Charts BIOCHEMISTRY LAB (BATCH-A) <b>(BI11.16,19)</b> UseOfpH Meter,ISE, ABG Analyser.		PY 6.4 - (L) Deep Sea Physiology	AN22.3-7-(L) Arterial Supply of Heart.	CM 5.8 - (L) Food fortification.	AN22.3-7 (SDL) Myocardial Infarction	
14-08-21	ANAN22.3,5,7- (L) Arterial Supply of Heart.	PHYSIO-HAEMAT LAB (BATCH-C) <b>(PY 6.8,10 )</b> Spirometry. PHYSIO-HUMAN/EXP. LAB (BATCH-A) <b>(PY 6.7,8 )</b> RS Charts BIOCHEMISTRY LAB (BATCH-B) <b>(BI11.16,19)</b> UseOfpH Meter,ISE, ABG Analyser.		PY 6.8,10 (VI-RM) AITo COPD Discussion by IM.	AN 22.2-5 - (P) DISSECTION- Coronary Arteries & Veins.			
15-08-21	SUNDAY/HOLIDAY							

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16-08-21	<b>PY 5.1-5 - (L)</b> Conducting System of Heart & Heart Sounds.	<b>AN 23.5 - (P)</b> Dissection Thoracic sympathetic chain	<b>L</b>	<b>AN 22.5 - (L)</b> Venous Drainage of Heart.	<b>PY 5.9 - (L)</b> Heart Rate.	<b>BI AETCOM SDL</b>	<b>PY 5.1-5 (SDL)</b> Murmur
17-08-21	<b>BI AETCOM 1.4</b> Visit To Community Medical Centre	<b>AN 25.9 -SGD</b> Surface Marking of Thorax.	<b>U</b>	<b>PY 5.10 - SGD</b> Skeletal Muscle, Cutaneous & Fetal Circulation & Coronary Circulation.	<b>AN 22.3-4</b> <b>AI To (VI-IM)</b> IHD Discussion		
18-08-21	<b>PY 5.9 - (L)</b> Cardiac Output.	<b>AN-22.2 - (L)</b> External & Internal Features of Each Chamber of Heart		<b>BI AETCOM 1.4</b> Visit To Community Medical Centre	<b>AN-26.1 - (P)</b> Demonstrate Anatomical Position Of Skull		
19-08-21	<b>HOLIDAY</b>						
20-08-21	<b>AN 26.4 - (L)</b> Morphological features of mandible	<b>PHYSIO-HAEMAT LAB (BATCH-B)</b> <b>(PY 6.8,10 ) DLC</b> <b>PHYSIO-HUMAN/EXP. LAB (BATCH-C)</b> <b>(PY 5.5 ) Exam. Of CVS</b>	<b>C</b>	<b>AN-26.5-(L)</b> Typical & Atypical Cervical Vertebra	<b>BI AETCOM 1.4</b> Visit To Community Medical Centre	<b>PY 5.13-DOAP</b> Electro Cardio Gram	
		<b>BIOCHEMISTRY LAB (BATCH-A)</b> <b>(BI -L) Revision.</b>	<b>H</b>				
21-08-21	<b>AN 26.7 - (P)</b> Osteology Features of 7 <sup>th</sup> cervical vertebrae	<b>PHYSIO-HAEMAT LAB (BATCH-C)</b> <b>(PY 6.8,10) DLC</b> <b>PHYSIO-HUMAN/EXP. LAB (BATCH-A)</b> <b>(PY 5.5) Exam. Of CVS</b>	<b>L</b>	<b>PY 5.9-SGD</b> Blood Pressure	<b>AN 25.2 - (L)</b> Development of pleura, lung & heart	<b>CM 5.1 - (L)</b> Public Health Problems in Nutrition.	<b>CM - (L)</b> Research Methodology
		<b>BIOCHEMISTRY LAB (BATCH-B)</b> <b>(BI -L) Revision</b>	<b>U</b>				
22-08-21	<b>SUNDAY/HOLIDAY</b>						
23-08-21	<b>AN 25.6 - (L)</b> Development Of SVC, IVC & Coronary Sinus	<b>PHYSIO-HAEMAT LAB (BATCH-A)</b> <b>(PY 6.8,10) DLC</b> <b>PHYSIO-HUMAN/EXP. LAB (BATCH-B)</b> <b>(PY 5.12) BP Record-Exers &amp; Posture</b>	<b>N</b>	<b>PY 5.11 - (L)</b> Haemorrhage & Shock	<b>AN 23.2 - (P)</b> DISSECTION- Relations of Thoracic duct & tributaries		
		<b>BIOCHEMISTRY LAB (BATCH-C)</b> <b>(BI -L) Revision</b>	<b>C</b>				
24-08-21	<b>PY 5.9-PBL</b> Blood Pressure - Exercise & Posture.	<b>AN 25.6 -SGD</b> Development Of SVC, IVC & Coronary Sinus	<b>H</b>	<b>AN -SGD</b> Revision	<b>PY 11.4, 5, 8, 12- SGD</b> Effect of Exercise & Meditation on CVS	<b>PY 6.4, 5, 11.4-(L)</b> Deep Sea Physiology, Artificial Respiration, Basic Life Support, Oxygen Therapy.	<b>PY 11.4, 5, 8, 12-SGD</b> Effect Of Meditation On Respiration
25-08-21	<b>PY 6.4, 5, 11.4-(L)</b> Deep Sea Physiology, Artificial Respiration, Basic Life Support, Oxygen Therapy.	<b>AN 25.3 - (L)</b> Fetal Circulation		<b>PY 5.8, 10-SGD</b> Capillary Circulation & Local & Humeral Control of Tissue Blood Flow.	<b>AN 25.4-6 -SDL</b> Development of vessel including congenital anomalies		<b>PY-6.4, 6- SGD</b> High Altitude Physiology

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26-08-21	AN-(L) Theory Revision	PHYSIO-HAEMAT LAB (BATCH-A) (PY6.8,10)DLC PHYSIO-HUMAN/EXP. LAB (BATCH-B) (PY5.12)BP Record-Exers & Posture BIOCHEMISTRY LAB (BATCH-C) (BI-L) Revision		AN25.3-SGD Fetal Circulation Revision	BI - E. C. E. Case presentation of Diarrhoea Hospital session Serum electrolytes		
27-08-21	AN-25.4 - (L) ASD, VSD, Fallot's Tetralogy & Tracheoesophageal Fistula	PHYSIO-HAEMAT LAB (BATCH-A) (PY6.8,10)DLC PHYSIO-HUMAN/EXP. LAB (BATCH-B) (PY5.12)BP Record-Exers & Posture BIOCHEMISTRY LAB (BATCH-C) (BI-L) Revision		PY 5.7 - (L) Hemodynamics, Arterial & Venous Pulse.	AN 23.5- SGD Thoracic Sympathetic Chain	CM 5.6-SGD Prevention Of Nutritional Problems.	CM SPORTS
28-08-21	AN 23.4 - (L) RelationsOfArchOf Aorta	PHYSIO-HAEMAT LAB (BATCH-A) (PY 6.8,10 ) DLC PHYSIO-HUMAN/EXP. LAB (BATCH-B) (PY 5.5 ) Exam. Of CVS BIOCHEMISTRY LAB (BATCH-C) (BI 11.16, 19) Charts.		PY 5.7 -SGD Hemodynamics, Arterial & Venous Pulse. Revision	AN E. C. E. Case presentation of left ventricular hypertrophy Hospital session		
29-08-21	SUNDAY/HOLIDAY						
30-08-21	HOLIDAY						
31-08-21	PY-6.4, 5, 11.4-SGD Deep Sea Physiology, Artificial Respiration, BasicLifeSupport, Oxygen Therapy. (REV)	AN23.4 -(L) Relations Of Descending Thoracic Aorta		AN 22.5- SGD Venous Drainage of Heart. Revision	PY 11.4- SDL BLS	BI-11.3 Chemical components of normal urine	BI10.3 Oncogenesis.
1-09-21	BI-AETCOM 1.2 Panel Discussion: Ethics Of A Doctor	AN 22.5 -SDL Venous Drainage of Heart		PY 5.7 - SGD Arterial pulse	AN Tutorial		
2-09-21	Anatomy Term II Exam Theory						
3-09-21	Physiology Term II Exam Theory						
4-09-21	Biochemistry Term II Exam Theory						
5-09-21	SUNDAY/HOLIDAY						
6-09-21	Term II Practical Exam						
7-09-21	Term II Practical Exam						
8-09-21	Term II Practical Exam						

L= Lecture, P= Practical, DEMO= Demonstration, TUT= Tutorial, SGD= Small Group Discussion, PBL= Problem Based Learning DOAP= Demonstrate, Observe, Assist, Perform

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