

**Department of Physiology**  
**SMIMER**  
**Teaching Program**

From:- 01-09-2017 to 31-12-2017

Date	Day	Theory Lectures				LECTURE / DEMO ( 2 to 3 pm )	PRACTICALS ( 3 to 5 pm )	BATCH
		( 9 to 10 )	(10 to 11 )	( 11 to 12 )	( 12 to 1 pm )			
01-09-17	Fri	-	-	Introduction to Physiology (All faculties)	-	Blood (Dr Anju jain)	Introduction to Microscope, Effect of tonicity of saline	C
04-09-17	Mon	-	Cell & General Physiology (Dr. S. D. Kulkarni)	Blood (Dr Anju jain)	-	Physiology of Skeletal Muscle (Manish Choudhary)	Introduction to Microscope, Effect of tonicity of saline	A
06-09-17	Wed	Blood (Dr Anju jain)	-	-	Physiology of Skeletal Muscle (Manish Choudhary)	Cell & General Physiology (Dr. S. D. Kulkarni)	Introduction to Microscope, Effect of tonicity of saline	B
07-09-17	Thu	Physiology of Skeletal Muscle (Manish Choudhary)	-	-	-	-	-	
08-09-17	Fri	-	-	Blood (Dr Anju jain)	-	Cell & General Physiology (Dr. S. D. Kulkarni)	Introduction to Haemocytometry, Red Blood Cell count	C

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11-09-17	Mon	-	Physiology of Skeletal Muscle (Manish Choudhary)	Blood (Dr Anju jain)	-	Cell & General Physiology (Dr. S. D. Kulkarni)	Introduction to Haemocytometry, Red Blood Cell count	A
13-09-17	Wed	Cell & General Physiology (Dr. R. V. Joshi)	-	-	Physiology of Skeletal Muscle (Manish Choudhary)	Blood (Dr Anju jain)	Introduction to Haemocytometry, Red Blood Cell count	B
14-09-17	Thu	Blood (Dr Anju jain)	-	-	-	-	-	
15-09-17	Fri	-	-	Cell & General Physiology (Dr. R. V. Joshi)	-	Physiology of Skeletal Muscle (Manish Choudhary)	Red Blood Cell count	C
18-09-17	Mon	-	Neuromuscular Junction (Dr. Hetal Desai)	Blood (Dr Anju jain)	-	Demonstration on Packed Cell Volume (PCV) and Erythrocyte Sedimentation Rate (ESR)	Red Blood Cell count	A

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20-09-17	Wed	Cell & General Physiology (Dr. R. V. Joshi)	-	-	Physiology of Skeletal Muscle (Manish Choudhary)	Blood (Dr Anju jain)	Red Blood Cell count	B
21-09-17	Thu	Blood (Dr Anju jain)	-	-	-	-	-	-
22-09-17	Fri	-	-	Neuromuscular Junction (Dr. Hetal Desai)	-	Cell & General Physiology (Dr. R. V. Joshi)	White Blood Cell count	C
25-09-17	Mon	-	Nervous System (Dr. Hetal Desai)	Blood (Dr Anju jain)	-	Demonstration on Amphibian Instruments Part-I	White Blood Cell count	A
27-09-17	Wed	Blood (Dr Anju jain)	-	-	Cell & General Physiology (Dr. R. V. Joshi)	Demonstration on Amphibian Instruments Part-II	White Blood Cell count	B

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28-09-17	Thu	Blood (Dr Anju jain)	-	-	-	-	-	
29-09-17	Fri	-	-	Nervous System (Dr. Hetal Desai)	-	Demonstration on Dissection of Frog and Simple Muscle Curve	Estimation of Haemoglobin	C
02-10-17	Mon	Holiday	Holiday	Holiday	Holiday	Holiday	Holiday	—
04-10-17	Wed	Blood (Dr Anju jain)	-	-	Physiology of Skeletal Muscle (Manish Choudhary)	Demonstration on Dissection of Frog and Simple Muscle Curve	Estimation of Haemoglobin	B
05-10-17	Thu	Cell & General Physiology (Dr. R. V. Joshi)	-	-	-	-	-	-
06-10-17	Fri	-	-	Blood (Dr Anju jain)	-	Demonstration: Effect of Temperature on Skeletal Muscle Contraction	Differential Leucocyte Count	C

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09-10-17	Mon	-	-	Physiology of Smooth Muscle (Dr. Mansi)	Blood (Dr Anju jain)	Demonstration: Gradation of Stimuli & Strength Duration Curve (SDC)	Estimation of Haemoglobin	A
11-10-17	Wed	Physiology Unit Test # 1	-	-	Autonomic Nervous System (Dr. Mansi)	Demonstration: Calculation of Blood Indices	Differential Leucocyte Count	B
12-10-17	Thu	Cell & General Physiology (Dr. R. V. Joshi)	-	-	-	-	-	-
13-10-17	Fri	-	-	Tutorial # 1 (based on syllabus of First Unit Test)	-	Autonomic Nervous System (Dr. Mansi)	Arneth Count	C
16-10-17	Mon	-	Cardiovascular System (Dr M M Haq)	Nerve Physiology (Dr. R. V. Joshi)	-	All students absent	All students absent	A
18-10-17	Wed	Diwali Vacation	Diwali Vacation	Diwali Vacation	Diwali Vacation	Diwali Vacation	Diwali Vacation	—
19-10-17	Thu	Diwali Vacation	Diwali Vacation	Diwali Vacation	Diwali Vacation	Diwali Vacation	Diwali Vacation	—
20-10-17	Fri	Diwali Vacation	Diwali Vacation	Diwali Vacation	Diwali Vacation	Diwali Vacation	Diwali Vacation	—

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23-10-17	Mon	Diwali Vacation	Diwali Vacation	Diwali Vacation	Diwali Vacation	Diwali Vacation	Diwali Vacation	—
25-10-17	Wed	Respiratory system (Dr. S D Kulkarni)	—	—	Cardiovascular System (Dr M M Haq)	Demonstration: Osmotic Fragility of Red Blood Cells	Arneth Count	B
26-10-17	Thu	Respiratory system (Dr. S D Kulkarni)	—	—	—	—	—	—
27-10-17	Fri	—	—	Cardiovascular System (Dr M M Haq)	—	Demonstration: Effect of Load on Skeletal Muscle Contraction	Bleeding Time, Clotting Time, Haemin Crystals	C
30-10-17	Mon	—	Respiratory system (Dr. S D Kulkarni)	Nerve Physiology (Dr. R. V. Joshi)	—	Demonstration: Effect of Two Successive Stimuli on Muscle Contraction	Differential Leucocyte Count	A
01-11-17	Wed	Respiratory system (Dr. S D Kulkarni)	—	—	Cardiovascular System (Dr M M Haq)	Demonstration: Genesis of Tetanus	Bleeding Time, Clotting Time, Haemin Crystals	B
02-11-17	Thu	GIT (Dr. Mansi)	—	—	—	—	—	—

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03-11-17	Fri	-	-	Nervous System (Dr. Hetal Desai)	-	Excretory System (Mr. Manish)	Blood Grouping	C
06-11-17	Mon	-	GIT (Dr. Mansi)	Nervous System (Dr. Hetal Desai)	-	Demonstration: Phenomenon of Fatigue in Skeletal Muscle	Arneth Count	A
08-11-17	Wed	Physiology Unit Test # 2	-	-	Nervous System (Dr. Hetal Desai)	Excretory System (Mr. Manish)	Blood Grouping	B
09-11-17	Thu	GIT (Dr. Mansi)	-	-	-	-	-	-
10-11-17	Fri	-	-	Tutorial # 2 (based on syllabus of Second Unit Test)	-	Demonstration: Velocity of Nerve Impulse	Hematology Revision	C
13-11-17	Mon	-	GIT (Dr. Mansi)	Excretory System (Mr. Manish)	-	Demonstration: Specific Gravity of Blood	Bleeding Time, Clotting Time, Haemin Crystals, Blood Grouping	A
15-11-17	Wed	Excretory System (Mr. Manish)	-	-	SPOTTING TEST	Demonstration: Reticulocyte Count	Hematology Revision	B

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16-11-17	Thu	GIT (Dr. Mansi)	-	-	-	-	-	-
17-11-17	Fri	-	-	Excretory System (Mr. Manish)	-	GIT (Dr. Mansi)	HEMATOLOGY TEST	C
20-11-17	Mon	-	Cardiovascular System (Dr M M Haq)	Respiratory system (Dr. S D Kulkarni)	-	Demonstration: Recording of Frog's Heart Beat & Effect of Temperature on it	Hematology Revision	A
22-11-17	Wed	Excretory System (Mr. Manish)	-	-	Cardiovascular System (Dr M M Haq)	Respiratory system (Dr. S D Kulkarni)	HEMATOLOGY TEST	B
23-11-17	Thu	Respiratory system (Dr. S D Kulkarni)	-	-	-	-	-	-
24-11-17	Fri	-	-	Excretory System (Mr. Manish)	-	Cardiovascular System (Dr M M Haq)	History Taking & General Examination	C
27-11-17	Mon	-	Cardiovascular System (Dr M M Haq)	GIT (Dr. Mansi)	-	Respiratory system (Dr. S D Kulkarni)	HEMATOLOGY TEST	A

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29-11-17	Wed	Excretory System (Mr. Manish)	-	-	Respiratory system (Dr. S D Kulkarni)	Demonstration: Properties of Cardiac Muscle	History Taking & General Examination	B
30-11-17	Thu	Respiratory system (Dr. S D Kulkarni)	-	-	-	-	-	-
01-12-17	Fri	-	-	Excretory System (Mr. Manish)	-	GIT (Dr. Mansi)	Vital data: Examination of Pulse	C
04-12-17	Mon	-	-	Cardiovascular System (Dr M M Haq)	GIT (Dr. Mansi)	Respiratory system (Dr. S D Kulkarni)	History Taking & General Examination	A
06-12-17	Wed	Physiology Unit Test # 3	-	-	Cardiovascular System (Dr M M Haq)	Demonstration: Effect of Stannius ligatures on frog's heart	Vital data: Examination of Pulse	B
07-12-17	Thu	Excretory System (Mr. Manish)	-	-	-	-	-	-
08-12-17	Fri	-	-	Tutorial # 3 (based on syllabus of Third Unit Test)	-	GIT (Dr. Mansi)	Vital data: Arterial Blood Pressure	C

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11-12-17	Mon	-	Cardiovascular System (Dr M M Haq)	GIT (Dr. Mansi)	-	Respiratory system (Dr. S D Kulkarni)	Vital data: Examination of Pulse	A
13-12-17	Wed	Excretory System (Mr. Manish)	-	-	Cardiovascular System (Dr M M Haq)	Demonstration: Effect of stimulation of Vagus & Crescent and Vagal Escape	Vital data: Arterial Blood Pressure	B
14-12-17	Thu	Respiratory system (Dr. S D Kulkarni)	-	-	-	-	-	-
15-12-17	Fri	-	-	Excretory System (Mr. Manish)	-	GIT (Dr. Mansi)	Spirometry	C
18-12-17	Mon	-	Cardiovascular System (Dr M M Haq)	GIT (Dr. Mansi)	-	Respiratory system (Dr. S D Kulkarni)	Vital data: Arterial Blood Pressure	A
20-12-17	Wed	Excretory System (Mr. Manish)	-	-	Cardiovascular System (Dr M M Haq)	Demonstration: Identification of Drugs based on their effect on frog's heart - I	Spirometry	B
21-12-17	Thu	Respiratory system (Dr. S D Kulkarni)	-	-	-	-	-	-

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22-12-17	Fri	-	-	Excretory System (Mr. Manish)	-	GIT (Dr. Mansi)	Respiratory Efficiency Tests	C
25-12-17	Mon	Holiday	Holiday	Holiday	Holiday	Holiday	Holiday	A
27-12-17	Wed	Excretory System (Mr. Manish)	-	-	Cardiovascular System (Dr M M Haq)	Demonstration: Identification of Drugs based on their effect on frog's heart - II	Respiratory Efficiency Tests	B
28-12-17	Thu	Respiratory system (Dr. S D Kulkarni)	-	-	-	-	-	-
29-12-17	Fri	-	-	Excretory System (Mr. Manish)	-	GIT (Dr. Mansi)	Thermometry	C

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