

Bharati Vidyapeeth (Deemed to be University) Medical College, Pune

Monthly Schedule of Teaching

MBBS Phase I

BLOCK I

Department: PHYSIOLOGY

Date/Month: From 01-05-2022 to 30-05-2022

Sr. No	Name of Teacher	Date	Time	Lectures
1	Dr. Phadke	2.5.22	9.30- 10.30	Blood pressure -1
2	Dr. Phadke	3.5.22	8.30 - 9.30	Blood pressure -2
3	Dr. Phadke	5.5.22	8.30 – 9.30	Coronary & Pulmonary circulation
4	Dr. Phadke	7.5.22	10.30 -11.30 11.30-12.30	Cerebral circulation& muscle blood flow Cardiovascular changes in exercise
5	Dr. Phadke	9.5.22	9.30 - 10.30	Cardiac failure
6	Dr. Phadke	10.5.22	8.30 - 9.30	Shock
7	Dr. Phadke	12.5.22	8.30 - 9.30	Clinical problems – CVS
8	All faculty	23.5.22	9.30-10.30	Paper discussion
9	Dr. Raina	24.5.22	8.30 -9.30	Functional anatomy of respiratory tract
10	Dr. Raina	30.5.22	9.30-10.30	Mechanics of respiration-1
11	Dr. Raina	31.5.22	8.30 -9.30	Mechanics of respiration-2 Lung volumes and capacities
	Practicals			
1	Dr.Salvi	2.5.22	10.30 -12.30	Osmotic fragility(LD)
2	Dr.Karandikar	2.5.22	10.30 -12.30	Non-microscopic revision: ½ batch
3	Dr.Saira Bano	2.5.22	10.30 -12.30	Non-microscopic revision: ½ batch

4	Dr. Salunkhe	2.5.22	10.30 -12.30	DLC-2: ½ batch
5	Dr.Raina	2.5.22	10.30 -12.30	To study the phenomenon of Vagal Escape Effect of Adrenaline on frog's heart
	Practical cycle	3,4,5,6 May 22		
1	Dr.Karandikar	5,6 May 22	10.30 -12.30	Non-microscopic revision: ½ batch
2	Dr.Saira Bano	3,4 May 22	10.30 -12.30	Non-microscopic revision: ½ batch
3	Dr. Salunkhe	3,4,5,6 May 22	10.30 -12.30	DLC-2: ½ batch
4	Dr.Raina	3,4,5,6 May 22	10.30 -12.30	Effect of Acetylcholine and Atropine on frog's heart
	BLOCK II			
	Practical cycle	30,31 May,1,2 June 22		
1	Dr.Phadke	30,31 May,1,2 June 22	1.30-3.30	Theory viva – ½ batch
2	Dr.Salvi	30,31 May,1,2 June 22	1.30-3.30	Introduction to clinical examination
3	Dr.Karandikar	30,31 May,1,2 June 22	1.30- 3.30	Microscopic revision – ½ batch
4	Dr.Saira Bano	30,31 May,1,2 June 22	1.30- 3.30	Theory viva – ½ batch
5	Dr.Raina	30,31 May,1,2 June 22	1.30- 3.30	Effect of dilute Nicotine on frog's heart Perfusion of isolated frog's heart

Bharati Vidyapeeth (Deemed to be University) Medical College, Pune

Monthly Schedule of Teaching

MBBS Phase I

Department: **PHYSIOLOGY**

Date/Month: From 01-04-2022 to 30-04-2022

Sr. No	Name of Teacher	Date	Time	Lectures, Seminar, AETCOM, Tutorial
1	Dr. Saira Bano	4.4.22	9.30- 10.30	ECG – 2
2	Dr.Saira	5.4.22	8.30 - 9.30	Cardiac cycle-1
3 4	Dr.Saira	7.4.22	8.30 – 9.30	Cardiac cycle-2
5	Dr.Saira	11.4.22	9.30- 10.30	Heart rate
6	Dr.Phadke	12.4.22	9.30 - 10.30	Hemodynamics
7	All Teachers AETCOM,Dr.Datar	16.4.22	8.30 - 10.30 10.45-1.30	SEMINAR AETCOM- module Doctor- patient relationship
8	Dr.Phadke	18.4.22	9.30 - 9.30	Local blood flow
9	Dr.Phadke	19.4.22	8.30-10.30	Cardiac output -1
10	Dr.Phadke	21.4.22	8.30 -9.30	Cardiac output-2
11	Dr.Phadke	23.4.22	8.30-9.30 9.30-10.30	Tissue Fluid Formation-1 MCQ-test –o(General physiology, blood & Nerve- Muscle physiology
12	Dr.Phadke	25.4.22	9.30 -10.30	Tissue Fluid Formation-2
13	Dr.Phadke	28.4.22	8.30 -9.30	Venous system Lymph and blood volume
	Practical cycle	31March,1,4,5 April 2022		
1	Dr.Joshi	31.3.22 & 5.4.22	10.30 -12.30	Total Leucocyte count: ½ batch
2	Dr.Godbole	31March,1,4,5 April	10.30 -12.30	BLS

3	Dr.Karandikar	1,4 April	10.30 -12.30	Total Leucocyte count: ½ batch
4	Dr. Salunkhe	31March,1,4,5 April	10.30 -12.30	Bleeding time Clotting time: ½ batch
5	Dr.Raina	31March,1,4,5 April	10.30 -12.30	Effect of load on skeletal muscle, Velocity of nerve impulse
	Practical cycle	6,7,8,11 April 2022		
1	Dr. Karandikar	6,7,8,11 April 2022	10.30 -12.30	Total Leucocyte count: ½ batch
2	Dr.Saira Bano	6,7,8,11 April 2022	10.30 -12.30	Tutorial :Blood, General physiology, Nerve-muscle physiology
3	Dr. Salunkhe	6,7,8,11 April 2022	10.30 -12.30	Bleeding time, Clotting time: ½ batch
4	Dr. Raina	6,7,8,11 April 2022	10.30 -12.30	Cardiogram, Effect of temperature on frog's heart ,Effect of first and second Stannius Ligature on frog's heart
	Practical cycle	12,13,15,18 April 2022		
1	Dr. Karandikar	12,13,15,18 April 2022	10.30 -12.30	RBC count:1/2 Batch
2	Dr.Saira Bano	12,13,15,18 April 2022	10.30 -12.30	Effect of two successive stimuli on frog's heart, Extrasystole compensatory pause & Incomplete tetanus
3	Dr. Salunkhe	12,13,15,18 April 2022	10.30 -12.30	DLC-1(Preparation of smear): ½ batch
	Practical cycle	19,21,22,25 April 2022		
1	Dr. Joshi	25 April 2022	10.30 -12.30	RBC count

2	Dr. Salvi	19,21,22,25 April 2022	10.30 -12.30	To study nervous regulation of heart, All or none law , Staircase effect
3	Dr. Karandikar	19,21,22, April 2022	10.30 -12.30	RBC count:1/2 Batch
4	Dr.Saira Bano	19,21,22,25 April 2022	10.30 -12.30	Anemia & blood indices
5	Dr. Salunkhe	19,21,22,25 April 2022	10.30 -12.30	DLC –1(Preparation of smear):1/2 batch
6	Dr. Raina	25 April 2022		DLC –1(Preparation of smear):1/2 batch
	Practical cycle	27,28,29 April ,2 May 2022		
1	Dr. Salvi	27,28,29 April ,2 May 2022	10.30 -12.30	Osmotic fragility
2	Dr. Karandikar	28,29 April ,2 May 2022	10.30 -12.30	Non-microscopic revision: ½ batch
3	Dr.Saira Bano	27, April ,2 May 2022	10.30 -12.30	Non-microscopic revision: ½ batch
4	Dr. Salunkhe	27,28,29 April ,2 May 2022	10.30 -12.30	DLC-2: ½ batch
5	Dr.Raina	27,28,29 April ,2 May 2022	10.30 -12.30	To study the phenomenon of Vagal Escape Effect of Adrenaline on frog's heart

Bharati Vidyapeeth (Deemed to be University) Medical College, Pune

Monthly Schedule of Teaching

MBBS Phase I

Department: **PHYSIOLOGY**

Date/Month: From 01-06-2022 to 30-06-2022

Sr. No	Name of Teacher	Date	Time	Lectures
1	Dr. Salvi	2.6.22	8.30 – 9.30	<i>Composition of various airs, diffusion across respiratory membrane</i>
2	Dr. Salvi	6.6.22	9.30- 10.30	Transport of O ₂
3	Dr. Salvi	7.6.22	8.30 – 9.30	Transport of CO ₂
4	Dr. Salvi	9.6.22	8.30 – 9.30	Nervous regulation of respiration
5	Dr.Joshi	13.6.22	9.30 - 10.30	Chemical regulation of respiration
6	Dr.Phadke	14.6.22	8.30 -9.30	Respiratory Changes during exercise, Oxygen debt
7	Dr Karandikar	16.6.22	8.30 -9.30	Introduction to endocrine system and mechanism of action of protein hormones
8	Dr Karandikar	20.6.22	9.30-10.30	Mechanism of action of steroid and amine hormones.
9	Dr Karandikar	21.6.22	8.30 -9.30	Anterior pituitary – 1
10	Dr Karandikar	23.6.22	8.30-9.30	Anterior pituitary – 2
11	Dr. Salunkhe	27.6.22	9.30-10.30	Thyroid gland - 1
12	Dr. Salunkhe	28.6.22	8.30 -9.30	Thyroid gland - 2
13	Dr Karandikar	29.6.22	9.30-10.30	Posterior pituitary gland hormones
	Practical cycle	30,31 May,1,2 June 2022	1.30-4.30	

	Dr. Karandikar	30,31 May,1,2 June 2022	1.30-4.30	Theory viva
	Dr.Salvi	30,31 May,1,2 June 2022	1.30-4.30	<i>Introduction to clinical examination</i>
	Dr.Saira Bano	30,31 May,1,2 June 2022	1.30-4.30	Theory viva
	Dr.Raina	30,31 May,1,2 June 2022	1.30-4.30	Effect of dilute Nicotine on frog's heart Perfusion of isolated frog's heart
	Dr. Salunkhe	30,31 May,1,2 June 2022	1.30-4.30	Microscopic revision
	Practical cycle	3,6,7,8 June 2022	1.30-4.30	
	Dr.Salvi	3,6,7,8 June 2022	1.30-4.30	Theory viva
	Dr. Karandikar	3,6,7,8 June 2022	1.30-4.30	Theory viva
	Dr.Saira Bano	3,6,7,8 June 2022	1.30-4.30	ECG (with spots)
	Dr. Salunkhe	3,6,7,8 June 2022	1.30-4.30	Microscopic revision
	Dr.Raina	3,6,7,8 June 2022	1.30-4.30	Revision (skeletal & cardiac)
	Practical cycle	9,10,13,14 June 2022	1.30-4.30	
	Dr. Karandikar	9,10 June	1.30-4.30	Ergography
	Dr.Saira Bano	9,10 June	1.30-4.30	Clinical examination of the arterial Pulse
	Dr. Salunkhe	13,14,June	1.30-4.30	Clinical examination of the arterial Pulse

	Dr.Raina	13,14,June	1.30-4.30	Ergography
	Practical cycle	15,16,17,20 June 2022	1.30-4.30	
	Dr.Joshi	15,16,17,20 June 2022	1.30-4.30	Tutorial : Respiratory system
	Dr. Karandikar	15,16,17,20 June 2022	1.30-4.30	Stethography
	Dr. Saira Bano	15,16,17,20 June 2022	1.30-4.30	Determination of arterial blood pressure - I
	Dr.Raina	15,16,17,20 June 2022	1.30-4.30	Determination of arterial blood pressure - I
	Practical cycle	21,22,23,24 June 2022	1.30-4.30	
	Dr. Karandikar	21,22,23,24 June 2022	1.30-4.30	Journal correction
	Dr.Saira Bano	21,22,23,24 June 2022	1.30-4.30	Determination of arterial blood pressure -II
	Dr.Raina	21,22,23,24 June 2022	1.30-4.30	Determination of arterial blood pressure - II
	Dr. Salunkhe	21,22,23,24 June 2022	1.30-4.30	Artificial respiration, BLS
	Practical cycle	27,28,29,30 June 2022	1.30-4.30	
	Dr.Salvi	29,30 June	1.30-4.30	Revision - Pulse, BP
	Dr. Karandikar	29,30 June	1.30-4.30	Revision - Pulse, BP
	Dr.Saira Bano	27,28,29,30 June 2022	1.30-4.30	Spirometry
	Dr.Raina	27,29,30 June	1.30-4.30	Revision - Pulse, BP

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Bharati Vidyapeeth (Deemed to be University) Medical College, Pune

Monthly Schedule of Teaching

MBBS Phase I

Department: **PHYSIOLOGY**

Date/Month: From 01-07-2022 to 30-07-2022

Sr. No	Name of Teacher	Date	Time	Lectures
1	Dr. Saira Bano	4.7.22	9.30 – 10.30	Pancreas -1
2	Dr.Joshi	4.7.22	3.30- 4.30	Introduction to CNS, Synapse-1
3	Dr. Saira Bano	5.7.22	8.30 – 9.30	Pancreas -2,clinical problems
4	Dr.Joshi	5.7.22	3.30- 4.30	Synapse-2
5	Dr.Joshi	6.7.22	3.30- 4.30	Receptor-1
6	Dr Karandikar	7.7.22	8.30 -9.30	Adrenal cortex -1
7	Dr Karandikar	11.7.22	9.30 – 10.30	Adrenal cortex -2,clinical problems
8	Dr. Joshi	11.7.22	3.30- 4.30	Receptor-2
9	Dr Karandikar	12.7.22	8.30 -9.30	Adrenal medulla, Thymus,Pineal gland
10	Dr. Joshi	12.7.22	3.30- 4.30	Reflex action - 1
11	Dr. Joshi	13.7.22	3.30- 4.30	Reflex action - 2
12	Dr. Salunkhe	14.7.22	8.30 -9.30	Structure and functions of kidney
13	Dr. Salunkhe	18.7.22	9.30-10.30	GFR
14	Dr. Joshi	18.7.22	3.30- 4.30	Organization of spinal cord, Ascending Tracts - I
15	Dr. Salunkhe	19.7.22	8.30 -9.30	J-G Apparatus

16	Dr. Joshi	19.7.22	3.30- 4.30	Ascending Tracts - II
17	Dr. Joshi	20.7.22	3.30- 4.30	Pain Physiology Analgesia system
18	Dr. Salunkhe	21.7.22	8.30 -9.30	Tubular Functions I
19	Dr. Salunkhe	23.7.22	8.30 -9.30	Tubular Functions II
20	Dr. Salunkhe	25.7.22	9.30-10.30	Counter- current mechanism I
21	Dr. Joshi	25.7.22	3.30- 4.30	Descending Tracts – I
22	Dr. Salunkhe	26.7.22	8.30 -9.30	Counter- current mechanism II
23	Dr. Joshi	26.7.22	3.30- 4.30	Descending Tracts – II
24		27.7.22	3.30- 4.30	Lesions of spinal cord
25	Dr. Salunkhe	28.7.22	8.30 -9.30	Micturition Reflex, cystometry Kidney Function Tests
	Practical cycle	1,4,5,6 july	1.30-4.30	
	Dr.Phadke		1.30-4.30	Clinical examination of CVS II

	Dr. Karandikar	1,4,5,6 july	1.30-4.30	CNS parts
	Dr.Salvi	1,4,5,6 july	1.30-4.30	Clinical examination of CVS II
	Dr.Raina	1,4,5,6 july	1.30-4.30	Physical fitness tests – I
	Dr. Salunkhe	1,4,5,6 july	1.30-4.30	Clinical examination of CVS II
	Practical cycle	7,8,11,12 july	1.30-4.30	
	Dr.Salvi	7,8,11,12 july	1.30-4.30	JVP (To cover venous pulse tracing)
	Dr.Saira bano	7,8,11,12 july	1.30-4.30	Clinical examination of CVS - II
	Dr. Salunkhe	7,8,11,12 july	1.30-4.30	Clinical examination of CVS - II
	Dr.Raina	7,8,11,12 july	1.30-4.30	Physical fitness tests - II
	Practical cycle	13,14,15, 18 july	1.30-4.30	
	Dr. Karandikar	13,14,15, 18 july	1.30-4.30	ESR & PCV
	Dr. Salunkhe	13,14,15, 18 july	1.30-4.30	Clinical examination of R – 1
	Dr.Saira bano	13,14,15, 18 july	1.30-4.30	Clinical examination of R – 1
	Dr.Raina	13,14,15, 18 july	1.30-4.30	ESR & PCV

	Practical cycle	19,20,21, 22 July 2022	1.30-4.30	
	Dr. Joshi	19,20,21, 22 July 2022	1.30-4.30	SDL Seminar/Human graph Revision
	Dr. Phadke	19,20,21, 22 July 2022	1.30-4.30	Viva – Respiratory system & endocrine system
	Dr. Karandikar	19,20,21, 22 July 2022	1.30-4.30	Viva – Respiratory system & endocrine system
	Dr. Salvi	19,20,21, 22 July 2022	1.30-4.30	Viva – Respiratory system & endocrine system
	Dr. Raina	19,20,21, 22 July 2022	1.30-4.30	SDL Seminar/Human graph Revision
	Dr. Salunkhe	19,20,21, 22 July 2022	1.30-4.30	Clinical examination of RS – 2
	Dr. Saira bano	19,20,21, 22 July 2022	1.30-4.30	Clinical examination of RS – 2

	Practical cycle	25,26,27, 28 July 2022	1.30-4.30	
	Dr. Joshi	25,26,27, 28 July 2022	1.30-4.30	Clinical revision – CVS, RS
	Dr.Salvi	25,26,27, 28 July 2022	1.30-4.30	Examination of sensory system
	Dr. Karandikar	25,26,27, 28 July 2022	1.30-4.30	Clinical revision – CVS, RS
	Dr. Salunkhe	25,26,27, 28 July 2022	1.30-4.30	Examination of sensory system
	Dr.Raina	25,26,27, 28 July 2022	1.30-4.30	Revision of frog graphs
	Practical cycle	29 July,1,2,3 August 2022	1.30-4.30	
	Dr. Joshi	29 July,1,2,3 August 2022	1.30-4.30	SDL Seminar/Human graph revision
	Dr.Raina	29 July,1,2,3 August 2022	1.30-4.30	SDL Seminar/Human graph revision
	All teachers	29 July,1,2,3 August 2022	1.30-4.30	Journal & logbook correction

Bharati Vidyapeeth (Deemed to be University) Medical College, Pune

Monthly Schedule of Teaching

MBBS Phase I

Department: PHYSIOLOGY Date/Month: From 01-08-2022 to 31-08-2022

Lectures :

Name of Teacher	Date	Time	Lectures
Dr. Phadke	1.8.22	9.30 am-10.30 am	Cerebral cortex - 1
Dr. Phadke	2.8.22	8.30 am -9.30 am	Cerebral cortex - 2
Dr. Phadke Dr. Joshi	4.8.22	8.30 am-09.30 am 2.30 pm – 3.30 pm	Speech & aphasia Cerebellum - 1
Dr. Joshi	5.8.22	2.30 pm - 3.30 pm	Cerebellum - 2
All teachers	6.8.22	9.30 pm-12.30 pm	Horizontal integration seminar
Dr. Phadke Dr. Joshi	8.8.22	9.30 am-10.30 am 2.30 pm – 3.30 pm	Basal ganglia – 1 Stretch reflex
Dr. Phadke Dr. Joshi	9.8.22	8.30 am-9.30 am 2.30 pm – 3.30 pm	Basal ganglia – 2 Regulation of muscle tone, Physiology of posture
Dr. Joshi	10.8.22	2.30 pm – 3.30 pm	Cranial nerves
-----	12.8.22 to 16.8.22	----	Preparatory Leave
All teachers	18.8.22	10 am to 1 pm	Block II Examination: Theory
Dr. Joshi, Dr. Phadke Dr.Salvi Dr.Karandikar Dr.Raina	18.8.22 to 26.8.22	----	Paper correction

Dr. Joshi	29.8.22	9.30 am-10.30 am	Paper discussion
Dr.Phadke	30.8.22	8.30am -9.30am	Thalamus

Practicals:

Practical cycle : 21

Name of teacher	Date	Time	Topic
Dr. Joshi	29 July,1,2,3 August 2022	1.30pm-4.30pm	SDL Seminar/Human graph revision
Dr.Raina	29 July,1,2,3 August 2022	1.30pm-4.30pm	SDL Seminar/Human graph revision
All teachers	29 July,1,2,3 August 2022	1.30pm-4.30pm	Journal & logbook correction

Practical cycle : 22

Name of teacher	Date	Time	Topic
Dr.Karandikar	4,5,8 & 9 August 2022	1.30pm-4.30pm	Journal Completion
Dr.Salvi	4,5,8 & 9 August 2022	1.30pm-4.30pm	Sensory System

I MBBS Block II Practical Examination (2021-2022)

Time: 9 am - 1 pm

Date	Roll No.	Human & EP graphs 20 +5	Clinical I Pulse,BP, Sensory system 20 +5	Clinical II CVS,RS 20 +5	Hematology 20 +5
22.8.22	31-60	Dr.Joshi	Dr.Salvi Dr.Saira	Dr.Phadke Dr.Karandikar	Dr.Anupama Dr.Raina
23.8.22	1-30	Dr.Joshi	Dr.Salvi Dr.Saira	Dr.Phadke Dr.Karandikar	Dr.Phadke Dr.Salvi Dr.Raina
24.8.22	121-150	Dr.Joshi	Dr.Salvi Dr.Karandikar	Dr.Phadke Dr.Saira	Dr.Anupama Dr.Raina
25.8.22	91 -120	Dr.Joshi	Dr.Salvi Dr.Karandikar	Dr.Phadke Dr.Raina	Dr.Saira Dr.Anupama
26.8.22	61-90	Dr.Joshi	Dr.Anupama Dr.Raina	Dr.Phadke Dr.Saira	Dr.Salvi Dr.Karandikar

EP : Ep graphs -10 marks , Human graphs -10 marks **VIVA : NM, EXCRETORY SYSTEM – 5 marks**

Clinical I : Pulse, BP – 10 marks , Sensory system -10 marks, **VIVA : CNS 5 marks**

Clinical II : CVS – 10 marks , RS – 10 marks , **VIVA : CVS,RS – 5 marks**

Hematology : Microscopic-10 marks , Non-microscopic – 10 marks

VIVA : GP, ENDOCRINE SYSTEM – 5 marks

Bharati Vidyapeeth (Deemed to be University) Medical College, Pune

Monthly Schedule of Teaching

MBBS Phase I

Department: PHYSIOLOGY Date/Month: From 01-09-2022 to 30-09-2022

Lectures :

Name of Teacher	Date	Time	
Dr. Karandikar	1.9.22	8.30 am-9.30 am	Hypothalamus - 1
Dr. Karandikar Dr. Salunkhe Dr. Phadke Dr. Saira Bano Dr.Salvi	2.9.22	8.30 am – 9.30 am 9.30 am to 10.30 am 10.30 – 12.30 pm	Hypothalamus – 2 Regulation of body temperature Discussion of clinical problems Part 1(venue – III floor auditorium)
Dr. Phadke	5.9.22	9.30 am-10.30 am	Structure and functions of reticular activating system (RAS)
Dr. Phadke	6.9.22	8.30 am- 9.30 am	Sleep & EEG
Dr. Phadke	8.9.22	9.30 pm-12.30 pm	Physiological basis of memory and learning
Dr. Phadke Dr. Joshi	12.9.22	9.30 am-10.30 am	Limbic system
Dr. Karandikar	13.9.22	8.30 am-9.30 am	Structure and functions of autonomic nervous system (ANS)
Dr. Phadke	15.9.22	8.30 am-9.30 am	CSF and Blood brain barrier
Dr.Salvi	19.9.22	9.30 am-10.30 am	Anatomy of eye & errors of refraction, clinical problems
Dr.Salvi	20.9.22	8.30 am-9.30 am	Neurophysiology – 1 (Retinal cells, Photoreceptors)
Dr.Salvi	23.9.22	8.30 am-9.30 am	Neurophysiology – 2 (Physiology of image formation)

Dr.Salvi	24.9.22	8.30 am-9.30 am 9.30 am-10.30 am	Neurophysiology – 3 (Visual pathway & its lesions), Visual reflexes, Light & dark adaptation, Colour vision & colour blindness
Dr. Joshi		10.30 - 11.30 am	Functional anatomy of ear- External, Middle and Inner ear
Dr. Joshi		11.30 - 12.30 pm	Physiology of hearing - 1
Dr.Phadke	26.9.22	9.30am -10.30am	Discussion of clinical problems
Dr. Joshi	27.9.22	8.30 am-9.30 am	Physiology of hearing - 2
Dr. Joshi	29.9.22	8.30 am-9.30 am	Auditory pathway

Practicals:

Practical cycle : 22 : 29,30 August,1,2 Sept 2022

Name of teacher	Date	Time	Topic
Dr. Karandikar	29,30 August,1,2 Sept 2022	10.30am -12.30 pm	Paper showing and writing model answers
Dr. Saira Bano, Dr.Raina	29,30 August,1,2 Sept 2022	10.30am -12.30 pm	Clinical examination of motor system - 1
Dr.Salunkhe Dr. Salvi	29,30 August 1,2 Sept 2022	10.30am -12.30 pm	Examination of higher functions

Practical cycle : 23 : 5,6,7,8 Sept 2022

Name of teacher	Date	Time	Topic
Dr. Karandikar	5,6,7, 8 Sept 2022	10.30am -12.30 pm	Blood Bank visit
Dr.Saira Bano, Dr.Raina	5,6,7,8 Sept 2022	10.30am -12.30 pm	Clinical examination of motor system - 2
Dr.Salvi Dr.Salunkhe	5 September 22 6,7,8 Sept 2022	10.30am -12.30 pm	Tutorial : Excretory system

Practical cycle : 24 : 9,12,13,14 Sept 2022

Name of teacher	Date	Time	Topic
Dr.Salunkhe Dr. Raina	9,12,Sept 2022 13,14 Sept 2022	10.30am -12.30 pm	Clinical examination of other Cranial nerves
Dr. Salvi Dr. Saira Bano	9,12,13,14 Sept 2022	10.30am -12.30 pm	Revision : Sensory and Motor system , Logbook signing

Practical cycle : 25: 15,16,19,20 Sept 2022

Name of teacher	Date	Time	Topic
Dr. Raina, Dr. Himani	15,16,19,20 Sept 2022	10.30am -12.30 pm	Reaction Time, journal correction
Dr. Salvi	15,16,19,20 Sept 2022	10.30am -12.30 pm	Tutorial : Endocrine – I (Mechanism of hormone action, anterior & posterior pituitary gland hormones)
Dr. Saira Bano Dr. Karandikar	15,16,19 Sept 2022 20 Sept 2022	10.30am -12.30 pm	Examination of body temperature

Practical cycle : 26 : 21,22,23,26 Sept 2022

Name of teacher	Date	Time	Topic
Dr. Saira Bano, Dr. Raina	21,22,23,26 Sept 2022	10.30am -12.30 pm	Clinical examination of III, IV, VI Cranial nerves
Dr. Phadke	21,22,23,26 Sept 2022	10.30am -12.30 pm	Tutorial : Endocrine – II Thyroid, Insulin, Adrenal cortex
Dr. Karandikar	21,22,23,26 Sept 2022	10.30am -12.30 pm	Clinical examination of eye

Practical cycle : 27 : 27,28,29,30 Sept 2022

Name of teacher	Date	Time	Topic
Dr. Saira Bano, Dr.Raina, Dr.Himani, Dr.Salvi	27,28,29,30 Sept 2022	10.30am -12.30 pm	Visit to skill laboratory (Bharati Hospital)
Dr. Karandikar Dr.Salunkhe	27,30 Sept 2022 28, 29 Sept 2022	10.30am -12.30 pm	Visual reflexes



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BLOCK III lectures: October 2022

Sr No	Day and Date	Time	Topic	Faculty
120	Saturday 1.10.22	8.30 am - 9.30 am	Physiology of hearing – 3	Dr. Joshi
121		9.30 am -10.30am	Introduction to GIT & Salivary secretion	Dr. Saira Bano
122		10.30- 11.30 pm	Mastication & Deglutition	Dr.Nimty Raina
123		11.30- 12.30 pm	Guest Lecture: New Frontiers in Cardiology	Dr.Wasir
124	Monday 3.10.22	9.30 am-10.30 am	Vestibular apparatus	Dr. Joshi
125	Tuesday 4.10.22	8.30 am-09.30 am	Gastric Juice I	Dr.Saira Bano
126	Thursday 6.10.22	8.30 am-09.30 am	Gastric Juice II	Dr.Saira Bano
127	Monday 10.10.22	9.30 am-10.30 am	Movements of stomach	Dr. Nimty Raina
128	Tuesday 11.10.22	8.30 am-09.30 am	Pancreatic Juice	Dr.Saira Bano
129	Thursday 13.10.22	8.30 am-09.30 am	Functions of liver ,Bile and Succus entericus	Dr.Saira Bano
130	Monday 17.10.22	9.30 am-10.30 am	Movements of small intestine, Movements and functions of large intestine	Dr.Nimty Raina
131	Tuesday 18.10.22	8.30 am-09.30 am	Defecation Reflex	Dr.Nimty Raina
132	Thursday 20.10.22	8.30 am-9.30 am	Physiology of digestion & absorption of nutrients , Gut Brain Axis	Dr. Saira Bano
133	Friday 21.10.22	10.30 am-11.30 am	GIT Hormones	Dr. Nimty Raina

	22.10.22 To 27.10.22		Diwali Vacation	
134	28.10.22 Friday	10.30 am-11.30 am	Sex determination, Sex differentiation and Puberty	Dr.Salvi
135	Monday 31.10.22	9.30 am-10.30 am	Male Reproductive system	Dr.Salvi

Practicals:

CYCLE 28 ; 3,4,6,7 October 2022

	Practical	Teacher
Haematology (PH)	Hematology revision	Dr.Salvi Mrs.Sarita
Experimental Lab (EP)	Visual acuity & colour vision	Dr. Karandikar Dr.Salunkhe
Lecture- Demo (LD)	Tests of deafness Tutorial : ear	Dr.Saira ,Dr.Himani Dr.Joshi madam
Biochem (PB)	Biochem	---

CYCLE 29: 10,11,12,13 October 2022

Haematology (PH)	Hematology revision	Dr. Raina Mrs.Sarita
Experimental Lab (EP)	Perimetry	Dr. Karandikar Dr.Salunkhe
Lecture- Demo (LD)	Formative assessment : clinical	Dr.Phadke Dr.Salvi Dr.Saira Bano
Biochem (PB)	Biochem	---

CYCLE 30 ; 14,17,18,19 October 2022

	Practical	Teacher
Haematology (PH)	Journal correction, logbook completion & showing of hematology slips	Respective batch teacher
Experimental Lab (EP)	Showing of slips : Human & clinical	Dr. Joshi, Dr. Phadke (17.10.22) Mrs.Mulik
Lecture- Demo (LD)	Biochem	
Biochem (PB)	Biochem	---

CYCLE 31 ; 31 Oct,1,2,3 November 2022

	Practical	Teacher
CYCLE 31	31 Oct,1,2,3 November+ 2022	
Haematology (PH)	Skeletal muscle graphs Tutorial : Nerve - Muscle physiology	Dr.Saira Bano Dr. Raina
Experimental Lab (EP)	Clinical slips & Clinical problems : CVS & RS	Dr.Joshi madam Mrs.Mulik
Lecture- Demo (LD)	Tutorial :CNS (Ascending tracts,Hypothalamus, Cerebellum)	Dr.Anupama Dr. Karandikar
Biochem (PB)	Biochem	---

Dr. Phadke, Dr. Karandikar
Teaching Incharge

Dr.Anuradha Joshi
Professor & Head



**BHARATI VIDYAPEETH (DEEMED TO BE UNIVERSITY) MEDICAL
COLLEGE, PUNE**

A+ Accreditation by NAAC

DEPARTMENT OF PHYSIOLOGY

Teaching Faculties - Dr.A.R.Joshi / Dr.Phadke / Dr.G.R. Godbole / Dr.Karandikar / Dr.Pranita / Dr.Saira

Sr. No	Lecture/ Practical	Batch Roll NO Batch A: 1-50 B: 51-100 C:101 -150	Morning 9 30 am to 12.30 pm On Saturday 21 st and 28 th Nov 9. 30 am to 11.30	Afternoon 1.30 pm - 3.30 pm From Monday to Friday
1	18/11/20	B: 51-100 B1(51-75) B2(76-100)	Sensory system Examination Motor system Examination	Motor system Examination Sensory system Examination
	19/11/20	C: 101-150 C1(101 - 125) C2(126 -150)	Sensory system Examination Motor system Examination	Motor system Examination Sensory system Examination
	20/11/20	A: 1-50 A1 (1-25) A2 (26 -50)	Sensory system Examination Motor system Examination	Motor system Examination Sensory system Examination
2	21/11/20	B: 51-100 B1(51-75) B2(76-100)	III IV VI & Other cranial nerves Examination Journal block 2 Marks Haematology revision : All Nonmicroscopic (BT,CT ,blood group ,Haemoglobin estimation) Perimetry	Haematology revision : All Nonmicroscopic (BT,CT ,blood group ,Haemoglobin estimation) Perimetry III IV VI & other cranial nerves Examination Journal block 2 Marks

	23/11/20	C: 101-150 C1(101 - 125) C2(126 -150)	III IV VI & other cranial nerves Examination Journal block II Marks Haematology revision : All Nonmicroscopic (BT,CT ,blood group ,Haemoglobin estimation)& Perimetry	Haematology revision : All Nonmicroscopic (BT,CT ,blood group ,Haemoglobin estimation) & Perimetry III IV VI & other cranial nerves Examination Journal block II Marks
	24/11/20	A: 1-50 A1 (1-25) A2(26 -50)	III IV VI & other cranial nerves Examination Journal block II Marks Haematology revision : All Nonmicroscopic (BT,CT ,blood group ,Haemoglobin estimation) Perimetry	Haematology revision : All Nonmicroscopic (BT,CT ,blood group ,Haemoglobin estimation)& Perimetry III IV VI & other cranial nerves Examination Journal block II Marks
3	25/11/20	B: 51-100 B1(51-75) B2(76-100)	Visual reflexes ,acuity of vision Haematology revision : All Microscopic (WBC,RBC,DLC)	Haematology revision : All Microscopic (WBC,RBC,DLC) Visual reflexes ,acuity of vision
	26/11/20	C: 101-150 C1(101 - 125) C2(126 -150)	Visual reflexes ,acuity of vision Haematology revision : All Microscopic (WBC,RBC,DLC)	Haematology revision : All Microscopic (WBC,RBC,DLC) Visual reflexes ,acuity of vision
	27/11/20	A: 1-50 A1 (1-25) A2(26 -50)	Visual reflexes ,acuity of vision Haematology revision : All Microscopic (WBC,RBC,DLC)	Haematology revision : All Microscopic (WBC,RBC,DLC) Visual reflexes ,acuity of vision
4	28/11/20	B: 51-100 B1(51-75) B2(76-100)	Test of deafness Smell taste Revision of clinical practicals (CVS RS,Abdomen ,Pulse ,BP) Journal block II Marks	Revision of clinical practicals (CVS RS,Abdomen ,Pulse ,BP) Journal block III Marks Test of deafness Smell taste

	30/11/20	C: 101-150 C1(101 - 125) C2(126 -150)	Test of deafness Smell taste Revision of clinical practicals (CVS RS,Abdomen ,Pulse ,BP) Journal block III Marks	Revision of clinical practicals (CVS RS,Abdomen ,Pulse ,BP) Journal block III Marks Test of deafness Smell taste
	01/12/20	A: 1-50 A1 (1-25) A2(26 -50)	Test of deafness Smell taste Revision of clinical practicals (CVS RS,Abdomen ,Pulse ,BP) Journal block III Marks	Revision of clinical practicals (CVS RS, Abdomen ,Pulse ,BP) Journal block III Marks Test of deafness Smell taste
5.	02/12/20	B: 51-100 B1(51-75) B2(76-100)	Display of Clinical practicals /Clinical problems/ Human Graphs/ EP graphs Journal block 1& 2 Marks	Practical competency Log book completion
	03/12/20	C: 101-150 C1(101 - 125) C2(126 -150)	Display of slips Clinical practicals /Clinical problems/ Human Graphs/ EP graphs Journal block II,III Marks	Practical competency Log book completion
	04/12/20	A: 1-50 A1 (1-25) A2(26 -50)	Display of Clinical practicals /Clinical problems/ Human Graphs/ EP graphs Journal block II,III Marks	Practical competency Log book completion



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BLOCK III lectures: November : 2022

Sr No	Day and Date	Time	Topic	Faculty
136	Tuesday 1.11.22	8.30 am-9.30 am	Female reproductive system I	Dr.Salvi
137	Thursday 3.11.22	8.30 am-09.30 am	Female reproductive system II	Dr.Salvi
138 139 140 141 142	Saturday 5.11.22	8.30 am -10 am 10 am - 12 pm 12pm -1.30 pm	Female reproductive system III AETCOM Poster presentation	Dr. Salvi Dr. Joshi Dr. Joshi
143	Monday 7.11.22	9.30-10 30 am	Pregnancy I	Dr.Salvi
144	Tuesday 8.11.22	8.30 am-09.30 am	Pregnancy II	Dr.Salvi
145	Thursday 10.11.22	8.30 am-09.30 am	Physiology of Lactation &Parturition Physiology of Infancy, Foetal circulation	Dr.Salvi
146	Friday 11.11.22	11 am -12.30pm	Symposium : Nobel Lauretes	All faculty
147	Monday 14.11.22	9.30 am-10.30 am	Placental hormones Pregnancy tests Clinical problems	Dr.Salvi
148	Tuesday 15.11.22	8.30 am-09.30 am	Methods of contraception	Dr. Salvi
149	Thursday 17.11.22	8.30 am-09.30 am	Physiology of aging, free radicals & antioxidants	Dr. Saira Bano
150	Monday 21.11.22	9.30 am-10.30 am	Physiology of growth	Dr. Joshi

151	Thursday 24.11.22	8.30 am-09.30 am	Physiology of smell sensation	Dr. Karandikar
152 153 154 155	Saturday 26.11.22	8.30 am-9.30 pm 9.30am -12.30pm	Obesity & metabolic syndrome QUIZ (Third floor auditorium)	Dr. Salvi Dr.Phadke Dr.Salunkhe
156	Monday 28.11.22	9.30 am-10.30 am	Physiological effects of meditation and Yoga	Dr. Karandikar
157	Tuesday 29.11.22	8.30 am-9.30 am	Intensive coaching : General physiology,Nerve-muscle physiology	Dr. Karandikar

Practicals:

CYCLE 31; 31 Oct,1,2,3 November 2022

	Practical	Teacher
Haematology (PH)	Skeletal muscle graphs Tutorial : Nerve –Muscle physiology	Dr.Saira Bano Dr. Raina
Experimental Lab (EP)	Clinical slips & Clinical problems : CVS & RS	Dr.Joshi madam Mrs.Mulik
Lecture- Demo (LD)	Tutorial :CNS (Ascending tracts,Hypothalamus, Cerebellum)	Dr. Karandikar Dr.Anupama

CYCLE 32 ; 4,7,8,9 November 2022

	Practical	Teacher
Haematology (PH)	Clinical examination of Abdomen	Dr.Phadke Dr.Salunkhe
Experimental Lab (EP)	Revision : Cardiac muscle graphs	Dr.Saira Dr.Raina
Lecture- Demo (LD)	Central library visit : MCQ preparation	Dr. Karandikar Dr.Himani,Mrs.Sarita

CYCLE 33 : 10,14,15,16 November 2022

	Practical	Teacher
Haematology (PH)	Platelet and Reticulocyte count	Dr.Karandikar,Dr. Raina Dr.Himani,Mrs.Sarita
Experimental Lab (EP)	AETCOM : Reflection writing and logbook correction	Dr.Saira ,Dr.Salunkhe

CYCLE 34 : 17,18,21,22 November 2022

	Practical	Teacher
Haematology (PH)	Human graphs and problem solving	Dr.Salunkhe
Experimental Lab (EP)	Autonomic function tests	Dr.Karandikar
Lecture- Demo (LD)	Formative assessment-VIVA (paper I)	Dr.Joshi madam Dr.Salvi, Dr.Saira

CYCLE 35: 23,24,25,28 November 2022

	Practical	Teacher
Haematology (PH)	Hematology revision	Dr. Joshi madam Dr.Saira
Experimental Lab (EP)	Journal correction and grading	Batchwise teachers
Lecture- Demo (LD)	Viva	Dr. Phadke, Dr.Salvi Dr. Karandikar Dr.Salunkhe

CYCLE 36 : 29,30 Nov,1,2 December

	Practical	Teacher
Haematology (PH)	Viva : Paper II	Dr.Phadke Dr.Salvi Dr.Karandikar Dr.Salunkhe
Experimental Lab (EP)	Revision : Clinical & Journal correction	Batchwise teachers

Dr.Asmita Phadke

Dr.Madhuvanti Karandikar

Teaching Incharge

Dr.Anuradha Joshi

Professor & Head



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DECEMBER 2022 LECTURES

Sr No	Date	Time	Topic	Faculty
1	5.12.22 Monday	9.30 -10.30am	Orientation to Physiology	Dr. Joshi
2	6.12.22 Tuesday	8.30 - 9.30am	Structure and functions of a mammalian cell	Dr. Saira Bano
3	7.12.22 Wednesday	11 - 12 pm	Principles of Homeostasis	Dr. Joshi
4	8.12.22 Thursday	8.30 - 9.30am	Transport mechanisms across cell membrane : I	Dr .Saira Bano
5	9.12.22 Friday	11 - 12 pm	Transport mechanisms across cell membrane : II	Dr. Saira Bano
6	12.12.22 Monday	9.30 -10.30am	Composition and functions of blood,types and functions of plasma proteins	Dr. Salunkhe
7	13.12.22 Tuesday	8.30 - 9.30am	Fluid compartments of the body, its ionic composition & measurements, Concept of pH and buffer system in the body.	Dr. Saira Bano
8	15.12.22 Thursday	8.30 - 9.30am	Resting membrane potential (RMP) (Molecular basis of RMP in excitable tissues)	Dr. Saira Bano
9	19.12.22 Monday	9.30 -10.30am	Action Potential : I	Dr. Saira Bano

10	20.12.22	8.30am-9.30am	Action Potential : II	Dr. Saira Bano
11	22.12.22	8.30 -9.30am	Intercellular communication, Apoptosis Clinical problems on General Physiology	Dr. Saira Bano
12	24.12.22	8.30- 9.30am	Blood groups : I	Dr. Salunkhe
13		9.30-10.30am	Blood groups : II	Dr. Salunkhe
14		10.30-11.30am	Structure of Neuron, Neuroglia & NGF'S	Dr. Phadke
15		11.30-12.30pm	Types , Functions and Properties of nerves	Dr. Phadke
16	31.12.22	8.30- 9.30am	Platelets – Morphology & functions Hemostasis : I	Dr. Salunkhe
17		9.30-10.30am	Hemostasis : II	Dr. Salunkhe
18		10.30-11.30am	Degeneration & Regeneration of nerves	Dr.Phadke
19		11.30-12.30pm	Types of muscle fibers, Neuromuscular junction	Dr.Phadke

NOTE : Lectures till 9.12.22 will be conducted in William Osler lecture hall.

Practicals:**CYCLE 36 : 29,30 Nov,1,2 December**

	Practical	Teacher
Haematology (PH)	Viva : Paper II	Dr.Phadke Dr.Salvi Dr.Karandikar Dr.Salunkhe
Experimental Lab (EP)	Revision : Clinical & Journal correction	Batchwise teachers

Preparatory leave from 3/12/22**Preliminary Examination****FIRST MBBS (2021-2022)**Theory – 21/12/2022 (paper I) & 22/12/2022 (Paper II) **Time : 10 am – 1 pm****Supervision duties**

Sr. No	Venue	Name of the Teacher	Non Teaching staff	Roll No.
1	Hall no 15 Anatomy	Dr. Karandikar	Mrs. Mohite	1 to 45
2	Hall no 16 Anatomy	Dr. Saira Bano	Mr. Pawar	46 to 90
3	Hall no 10 Physiology	Dr.Salvi Dr. Himani	Mrs. Mulik	91 to 120
4	Hall no 8 Biochemistry	Dr. Salunkhe	Mr.Inamdar	121 to 150+R

PRELIM PRACTICAL EXAMINATION

DATE	DAY	ROLL NO	Human+EP	Hemat	Clinical - I	Clinical -II
26/12/22	Monday	31-60	Dr. Salvi	Dr. Nimty	Dr. Salunkhe	Dr. Phadke
27/12/22	Tuesday	1-30	Dr. Salvi	Dr. Nimty	Dr. Salunkhe	Dr. Joshi/ Dr. Phadke
28/12/22	Wednesday	121-150	Dr. Salvi	Dr. Joshi	Dr. Salunkhe	Dr. Nimty
29/12/22	Thursday	91-120	Dr. Salvi	Dr. Phadke	Dr. Salunkhe	Dr. Nimty
30/12/22	Friday	61-90	Dr. Salvi	Dr. Nimty	Dr. Salunkhe	Dr. Joshi

Dr. Phadke, Dr. Karandikar
Teaching Incharge

Dr. Anuradha Joshi
Professor & Head