



Gateway for Bright Future

Sou. Devibai Narayandas Chhabada Rural Education Society, Satara's
**MAHALAXMI HOMOEOPATHIC MEDICAL
 COLLEGE, HOSPITAL & RESEARCH CENTER**
 Raigaon, Satara.



Survey No. 259, At. Post- Raigaon, Tal -Jaoli, Dist-Satara Ph: (02378) 200200, Fax : 240202

H.O.: Plot No. 30, Gulmohor Colony, Opp. I.T.I, Gendarnal, Satara.

Phone: (02182) 250492

Website : www.sdncedu.com

Class - I BHMS

Email : info@sdncedu.com / sdncmhmc@gmail.com

Subject: **PHYSIOLOGY INCLUDING BIOCHEMISTRY**

Ref No.

Date : / / 201

Month	Dr Tanvi Diwani	DR. S. A. Mane
March 2021	Introduction Physiology, Cell, homeostasis osmosis Def & composition of Blood. Information regarding RBC, WBC & platelets	Biochemical principals. Types of bonds and functional group, Molecular constituents.
	Plasma proteins, composition of plasma Proteins, Functions of Plasma proteins, Hemoglobin and functions of Hemoglobin	Biochemical Principals, Unit of concentration, ion, Electrolytes, Nonelectrolytes, Crystalloid, surface Tension.
April 2021	Mechanism of coagulation of blood, clotting factors, Factors Promoting Coagulation and functions.	Carbohydrates Chemistry Metabolism Glycol sis, TCA cycle, Glycogen Synthesis and Degradation, Blood Glucose Regulation.
May 2021	Fate of rbc, erythropoietin, formation of rbc, specific gravity, esr	Lipids -chemistry metabolism, intestinal uptake, fat transport, utilization of stored fat , activation of fatty acids , beta oxidation and synthesis of fatty acids
June 21	Heamocrit .pcv.&esr found elements .blood volume, leukocyte morphology classification blood groups abo group system	Proteins chemistry metabolism digestion of proteins transamination
july	Blood transfusion, Rh in Compatibility, Anemia Etiological Classification, Types of Anemia Sense Organ Vision, sense organ smell	Proteins - Domination, Fate of Ammonia, Urea Cycle, End Products Of each amino Acid & their entry into TCA cycle. Enzymes, Defination, Classification, Biological importance, Diagnostic use, inhibition.

DEPARTMENT OF PHYSIOLOGY & BIO CHEMISTRY

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Satara**

Yearly Teaching Programme 2021-22
Class - I BHMS
Subject- PHYSIOLOGY INCLUDING BIOCHEMISTRY

Month	Dr. Awdut joshi/ Dr Tanvi Diwani		DR. S. A. Mane
August 21	Sense organ Hearing, sense organ smell General Physiology, Skeletal muscle and nerve muscle physiology, microvitamin	Vitamins - Daily requirements, Dietari sources, Disorders & physiology role	GIT Digestive System, Structure & function of GIT Histological structure of tongue, Oesophagus, stomache, intestine small & large, Anal canal.
Sep. 21	Body Temperature & regulation of body Temperature, Reticuloendothelial system Excretary system spleen structure & Function & Application, Physiology Reproductive system	Minerals - Daily requirements, Dietari sources, Disorders & physiological Values	Digestive Juices – Saliva, gastic juice, bile juice, composition and functions,
OCTO. 2021	Introduction to CNS, sensory Receptors, spinal cord, Reflexes, Medulla Midbrain. Connections of thalamus & hypothalamus	Organ Function Tests.	Mechanism of secretion of all above digestive juices.
	Cerebellum And its Connections limbic system. Basal ganglia, Ascending And Descending Tracts. Autonomic formation.	Balance diet	Applied Physiology Of GIT
Nov 2021	EEG, Sleep, memory, PoSture equilibrium, Revision. Clinical study. Study of Graphs. Revision.	Revision Lectures	Revision Lectures


DEPARTMENT OF PHYSIOLOGY & BIO CHEMISTRY

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Attendance march Ist BHMS (2021 2022)

Roll No.	Name of Student	august		sep		october		nov		dec	
		physio%	physio%	physio%	physio%	physio%	physio%	physio%	physio%	physio%	physio%
		T	P	t	p	T	P	T	P	T	P
1	Bhosale Snehal Keshav	77	94	70	84	82	86	92	87	77	94
2	Bhoyar Deepali Sunil	68	70	95	100	88	93	80	87	68	70
3	Borkar Ganesh Dilip	55	53	23	30	64	66	42	31	55	53
4	Chavan Priti Rajendra	91	88	68	64	100	100	88	100	91	88
5	Daunde Prajakta Kalpeh	73	82	31	38	82	66	53	62	73	82
6	Gaikwad Megha Lalaso	91	100	68	64	100	100	100	100	91	100
7	Gaikwad Neha Ravindra	82	82	72	64	94	93	88	75	82	82
8	Gholape Shruti Namdev	95	94	68	62	88	73	96	100	95	94
9	Gitte Pratiksha Nilakantharad	68	88	0	15	35	33	26	6	68	88
10	Jadhav Isha Ramesh	86	100	82	76	100	100	80	75	86	100
11	Jambhale Riya Nandkishor	59	82	59	46	70	93	69	75	59	82
12	Kamble Nikita Narayan	68	82	68	64	100	100	76	75	68	82
13	Kasar Avantika Manoj	86	94	89	84	100	100	90	100	86	94
14	Kekan Mansi Balasaheb	59	82	36	38	47	33	76	37	59	82
15	Kesare Ankita Nandkumar	73	82	82	84	100	100	96	100	73	82
16	Khan Afzal Attaullah	77	82	68	61	94	86	53	37	77	82
17	Kolekar Vrushali Umesh	82	94	64	61	52	60	57	50	82	94
18	Lawand Shreya Jalindar	91	100	86	100	76	80	76	75	91	100
19	Mali Disha Vijay	86	100	86	84	100	100	92	87	86	100
20	Mali Mayuri Jawahar	73	88	59	61	82	86	76	100	73	88
21	Mane Pranjal Vinod	68	82	31	53	41	46	46	73	68	82
22	Mhaske Omkar Madhukar	59	53	45	76	52	53	38	12	59	53
23	Mhaske Rupali Santosh	91	100	27	46	70	60	0	0	91	100
24	Misal Vikas Sanjay	95	100	86	92	88	86	96	95	95	100
25	More Siddisha Vidyasagr	95	100	81	92	100	100	100	95	95	100
26	Mulla Irfan Haidar	86	87	68	61	88	86	61	62	86	87
27	Munjhal Aakansha Laxman	86	100	68	61	94	86	76	62	86	100
28	Nagre Kalyani Baliram	95	93	59	61	70	60	27	25	95	93
29	Nikam Neha Raju	100	100	72	61	76	80	96	87	100	100
30	Pal Shivam Mevalal	95	100	59	53	82	86	73	50	95	100
31	Pandey Saloni Rajesh	95	100	70	53	64	60	73	50	95	100
32	Pote Vaibhavi Sunil	100	100	68	61	88	86	96	87	100	100
33	Salunkhe Palak Anil	54	62	40	30	52	100	30	50	54	62
34	Shah Arfiya Abdus salam	59	68	45	30	100	33	23	25	59	68
35	Shaikh Mahek Nazeer	50	56	68	76	29	93	23	50	50	56
36	Shinde Dhanada Devendra	100	100	86	92	88	73	100	87	100	100
37	Somvanshi Vaishnavi Sharad	95	87	90	76	88	63	53	12	95	87
38	Sonawane Prerna Dattatray	54	68	50	53	41	60	15	31	54	68
39	Tamboli Shoeb Rashid	54	62	36	61	52	80	50	78	54	62
40	Thorat Vaishnavi Subhash	100	100	77	92	94	80	88	87	100	100
41	Torane Sakshi Sanjivan	0	0	22	15	11	26	0	0	0	0
42	Vele Shweta Santosh	100	100	72	61	76	73	84	62	100	100
43	Wagh Kishor Bhausahab	0	0	0	0	0	0	0	0	0	0

HOD
 Dept of Physiology Includ
 MHMC, Raigaon, Satara



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Attendance march Ist BHMS (2021 2022)

Roll No.	Name of Student	mar		april		may		june		july	
		physio%	physio%	physio%	physio%	physio%	physio%	physio%	physio%	physio%	physio%
		T	P	T	P	T	P	T	P	T	P
1	Bhosale Snehal Keshav	100	100	76	69	84	100	37	45	69	100
2	Bhoyar Deepali Sunil	100	50	ab	69	100	100	44	45	50	57
3	Borkar Ganesh Dilip	100	100	64	69	61	100	37	45	34	64
4	Chavan Priti Rajendra	100	0	ab	69	96	100	51	45	76	64
5	Daunde Prajakta Kalpeh	100	100	64	69	80	100	34	45	42	64
6	Gaikwad Megha Lalaso	100	100	64	69	96	100	51	45	100	100
7	Gaikwad Neha Ravindra	100	100	64	69	76	100	80	100	84	93
8	Gholape Shruti Namdev	100	100	64	69	96	100	48	45	73	93
9	Gitte Pratiksha Nilakantharad	0	0	1	69	19	0	3	0	19	0
10	Jadhav Isha Ramesh	100	100	64	69	80	100	27	45	61	57
11	Jambhale Riya Nandkishor	0	0	ab	69	65	100	34	45	38	57
12	Kamble Nikita Narayan	100	100	64	69	100	100	51	45	80	64
13	Kasar Avantika Manoj	100	100	64	69	73	100	41	45	76	64
14	Kekan Mansi Balasaheb	100	100	64	69	80	100	41	45	50	64
15	Kesare Ankita Nandkumar	100	100	100	100	96	100	100	100	100	86
16	Khan Afzal Attaullah	100	100	68	69	73	100	48	45	38	0
17	Kolekar Vrushali Umesh	100	100	ab	69	88	100	41	45	42	64
18	Lawand Shreya Jalindar	100	100	68	69	100	100	51	45	53	64
19	Mali Disha Vijay	100	100	100	100	84	100	96	100	100	64
20	Mali Mayuri Jawahar	100	100	ab	69	88	100	41	45	65	64
21	Mane Pranjal Vinod	100	100	68	69	69	100	41	45	65	57
22	Mhaske Omkar Madhukar	100	100	100	100	84	100	31	45	57	64
23	Mhaske Rupali Santosh	100	0	0	0	50	0	13	0	15	0
24	Misal Vikas Sanjay	100	100	100	100	92	100	100	100	100	100
25	More Siddisha Vidyasagr	100	100	68	69	96	100	51	45	96	100
26	Mulla Irfan Haidar	100	100	68	69	30	100	10	45	76	92
27	Munjjal Aakansha Laxman	100	100	68	69	100	100	48	45	76	92
28	Nagre Kalyani Baliram	100	100	68	69	84	100	34	45	57	71
29	Nikam Neha Raju	100	100	68	69	96	100	48	45	57	92
30	Pal Shivam Mevalal	100	100	68	69	61	100	62	45	80	92
31	Pandey Saloni Rajesh	100	100	68	69	73	100	27	45	84	92
32	Pote Vaibhavi Sunil	100	100	68	69	100	100	48	45	88	92
33	Salunkhe Palak Anil	100	100	68	69	84	100	34	45	57	78
34	Shah Arfiya Abdus salam	100	0	0	69	30	100	10	45	93	85
35	Shaikh Mahek Nazeer	100	100	68	69	84	100	48	45	38	78
36	Shinde Dhanada Devendra	100	100	68	69	96	100	44	45	96	100
37	Somvanshi Vaishnavi Sharad	100	100	68	69	69	100	31	45	76	92
38	Sonawane Prerna Dattatray	100	100	68	69	73	100	37	45	73	92
39	Tamboli Shoeb Rashid	0	0	0	0	76	100	34	45	68	85
40	Thorat Vaishnavi Subhash	100	100	100	100	96	100	96	100	100	100
41	Torane Sakshi Sanjivan	100	100	68	69	73	100	67	100	85	100
42	Vele Shweta Santosh	100	100	68	69	88	100	68	100	100	100
43	Wagh Kishor Bhausahab	0	0	0	0	7	0	0	0	0	0

Dept of Physiology including Biochemistry
MHRC, Raigao, Satara