

North Bengal medical college Sirajganj

1st Phase

DEPARTMENT OF PHYSIOLOGY PHYSIOLOGY COURSE ORGANIZATION 1ST PROFESSIONAL MBBS EXAMINATION-MAY/2021

NOTABLE FEATURES FOR 1ST PROFESSIONAL MBBS EXAMINATION

- Time allocation for the 1st professional examination is one and half years (From 1st January to 30th June of next year including completion of 1st professional examination).
- Marks allocation:**
 - (a) Anatomy- Total marks: 500
 - (b) **Physiology- Total marks: 400**
 - (c) Biochemistry- Total marks: 400

DISTRIBUTING OF TEACHING-LEARNING HOURS (According to Curriculum)

Lecture	Tutorial	Practical	Total Hours	Integrated Teaching	Formative Exam		Summative Exam	
					Preparatory leave	Exam time	Preparatory leave	Exam time
120 hours	120 hours	100 hours	340 hours	30 hours	35 days	42 days	30 days	30 days

FIRST TERM Duration: January/2020 - May/2020			
Teaching Learning Approaches	Card		Total Hours
	General physiology and Blood	Cardiovascular physiology	
Lecture	20 hours	18 hours	38 hours
Tutorial	22 hours	18 hours	40 hours
Practical	38 hours	18 hours	56 hours
Grand Total			134 hours
1st Term Final Examination will be held at 2nd week of May, 2020			

SECOND TERM Duration: June/2020 - October/2020			
Teaching Learning Approaches	Card		Total Hours
	Respiratory physiology	Gastrointestinal and Renal physiology	
Lecture	12 hours	22 hours	34 hours
Tutorial	14 hours	18 hours	32 hours
Practical	20 hours	4 hours	24 hours
Grand Total			90 hours
2nd Term Final Examination will be held at 3rd week of October, 2020.			

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THIRD TERM			
Duration: November/2020 - March/2021			
Teaching Learning Approaches	Card		Total Hours
	Endocrine and Reproductive physiology	Neurophysiology and Special senses	
Lecture	20 hours	28 hours	48 hours
Tutorial	20 hours	28 hours	48 hours
Practical	2hours	18 hours	20 hours
Grand Total			116 hours
3rd Term Final Examination will be held at 4th week of February, 2021.			
Total Teaching Hours - 1st, 2nd and 3rd Term			340 hours

SUMMATIVE ASSESSMENT (1st Professional Examination)

Components	Marks	Total Marks
FORMATIVE ASSESSMENT	10+10	20
WRITTEN EXAMINATION		
Paper-I- MCQ	20	180
SAQ	70	
Paper-II- MCQ	20	
SAQ	70	
PRACTICAL EXAMINATION		
OSPE	50	100
Traditional methods	40	
Practical note book	10	
ORAL EXAMINATION (Structured)		100
Grand Total		400

DISTRIBUTION OF TOPICS IN PROFESSIONAL EXAMINATION

Written MCQ/SAQ (Groups)	Paper	Group	Card
	1.	A	General Physiology and Blood
			Gastrointestinal Physiology
		B	Cardiovascular System
			Respiratory System
	2.	A	Renal and Endocrine Physiology
			Reproductive System
		B	Nervous System
			Special Senses
Oral (Boards)	Board-1 (Paper-1, Group-A and B): 50 Marks		Board-II (Paper-2, Group-A and B): 50 Marks

GENERAL CONSIDERATIONS

1. Every student must wear apron and shoes during class time.
2. Every student must be well prepared for each class with the appropriate equipments.

ELIGIBILITY OF THE STUDENTS TO APPEAR IN THE EXAM (1st Professional Examination)

1. A student must pass all three term examinations. (Pass marks 60% separately in written, practical and viva examination)
2. Minimum attendance must be 75% separately in lecture, tutorial and practical classes.
(1st Professional MBBS examination will be held at 1st week of May, 2021 and 1st week of November, 2021.)

TEACHING STAFF OF DEPARTMENT OF PHYSIOLOGY

1. Prof. Dr. Zakia nazneen.....Professor
2. Dr. Dilroz hossain..... Associate professor
3. Dr. Thalha bin Yusuf.....Assistant Professor
4. Dr. Khalid ibn hasan.....Lecturer
5. Dr. Md. zannatul naime.....Lecturer
6. Dr. Shakila haque.....Lecturer
7. Dr.Pogga parmita.....Lecturer

ACADEMIC CALENDER OF PHYSIOLOGY

(For the students of Session : 2019-2020. 20th Batch MBBS)

1st Term

Duration : January-may/2020

First Term Final Exam: 1st & 2nd Week of May/2020

Class No	Date & Day	Lecture Schedule	Tutorial Schedule	Practical Schedule
		Topic	Topic	Topic
	10.1.20 Friday	Inaugural session & parents day		
	11.1.20 Saturday	Weekly Holiday		
1	12.1.20 Sunday	Introduction of Physiology Def, Goal, importance of physiology	Introduction of Physiology	Study of microscope
2	13.1.20 Monday	Homeostasis: def, major functional system		
3	14.1.20 Tuesday		Do	Do
4	15.1.20 Wednesday	The cell and its function		
5	16.1.20 Thursday		Do	Do
6	17.1.20 Friday		Do	Do
	18.1.20 Saturday	Weekly Holiday		
7	19.1.10 Sunday	The cell and its function	Assessment Item1	Do
8	20.1.20 Monday	Membrane transport,	The cell and its function	
9	21.1.20 Tuesday		Do	Do
10	22.1.20 Wednesday	Membrane transport,		
11	23.1.20 Thursday		Assessment Item2	Do
12	24.1.20 Friday		Membrane transport	Estimation of Hemoglobin
	25.1.20 Saturday	Weekly Holiday		
13	26.1.20 Sunday	Membrane potential & action potential Cardiac muscle & neural action potential. Propagation of action potential	Do	Do
14	27.1.20 Monday	Do		
15	28.1.20 Tuesday		Do	Do
16	29.1.20 Wednesday	Neuromuscular Junction, muscle contraction,transmission of impulse		
17	30.1.20 Thursday		Assessment Item3	Do
18	31.2.20 Friday		Membrane potential & action potential	Estimation of ESR
	1.2.20 Saturday	Weekly Holiday		
19	2.2.20 Sunday	Integrated teaching -1 Cell	Do	Do
20	3.2.20 Monday	Composition of blood & Plasma Proteins		

Class No	Date & Day	Lecture Schedule	Tutorial Schedule	Practical Schedule
		Topic	Topic	Topic
21	4.2.20 Tuesday		Do	Do
22	5.2.20 Wednesday	RBC		
23	6.2.20 Thursday		Assessment Item4	Do
24	7.2.20 Friday		Neuromuscular Junction, muscle contraction,transmission of impulse	Determinatio n of total count of RBC
	8.2.20 Saturday	Weekly Holiday		
25	9.2.20 Sunday	RBC	Assessment Item5	Do
26	10.2.20 Monday	RBC		
27	11.2.20 Tuesday		Composition of blood & Plasma Proteins	
28	12.2.20 Wednesday	White Blood Cells- Classification, function, Life Span, Properties, Genesis, Reticulo-endothelial System, Leukopenia, Leukemia		
29	13.2.20 Thursday		Assessment Item6	Do
30	14.2.20 Friday		RBC	Do
	15.2.20 Saturday	Weekly Holiday		
31	16.2.20 Sunday	Resistance of the body to infection – Immunity, Vaccination, Inflammation	Assessment Item7	Do
32	17.2.20 Monday	Platelets, haemostasis		
33	18.2.20 Tuesday		WBC	Determinatio n of PCV
34	19.2.20 Wednesday	blood coagulationu		
35	20.2.20 Thursday		DO	DO
36	21.2.20 Friday	Holiday (International Mother's Language day)		
	22.2.20 Saturday	Weekly Holiday		
37	23.2.20 Sunday	Do	Assessment Item8	Do
38	24.2.20 Monday	Do		
39	25.2.20 Tuesday		Platelets, haemostasis	Determinatio n of total count of WBC
40	26.2.20 Wednesday	Integrated teaching -II Blood		
41	27.2.20 Thursday		Do	Do
42	28.2.20 Friday		Do	
	29.2.20 Saturday	Weekly Holiday		
43	1.3.20 Sunday	Blood Groups & Blood Transfusion, Hazards of transfusion, Erythroblastosis Foetalis,	Assessment Item9	Do

Class No	Date & Day	Lecture Schedule	Tutorial Schedule	Practical Schedule
		Topic	Topic	Topic
44	2.3.20 Monday	Do		
45	3.3.20 Tuesday		Blood Groups and Blood Transfusion, Hazards of transfusion, Erythroblastosis Foetalis,	Determination of differential count of WBC
46	4.3.20 Wednesday	Do		
47	5.3.20 Thursday		Assessment Item10	Do
48	6.3.20 Friday			Do
	7.3.20 Saturday	Weekly Holiday		
49	8.3.20 Sunday	Review		Do
50	9.3.20 Monday			
51	10.3.20 Tuesday	GP & Blood Card final examination		
52	11.3.20 Wednesday	Introduction & Properties of cardiac muscle CVS		
53	12.3.20 Thursday		Introduction & Properties of cardiac muscle CVS	Do
54	13.3.20 Friday		Do	Do
	14.3.20 Saturday	Weekly Holiday		
	15.3.20 Sunday	Determination of blood grouping & Rh typing		
55	16.3.20 Monday	Determination of Bt & CT		
56	17.3.20 Tuesday	Holiday(Birth day of Father of Nation –Bangabandhu Sheikh Mujibur Rahman)		
57	18.3.20 Wednesday	Junctional tissues of heart Generation of cardiac impulse & its transmission in the heart		
58	19.3.20 Thursday		Junctional tissues of heart Generation of cardiac impulse & its transmission in the heart	Do
59	20.3.20 Friday		Do	
	21.3.20 Saturday	Weekly Holiday		
60	22.3.20 Sunday	Cardiac cycle: definition, events, pressure & volume changes during different phases of cardiac cycle	Assessment Item1	Do
61	23.3.20 Monday	Do		
62	24.3.20 Tuesday	Cardiac cycle: definition, events, pressure & volume changes during different phases of cardiac cycle		
62	25.3.2020 Wednesday	Do		
63	26.3.20 Thursday	Holiday(Independent & National day)		

Class No	Date & Day	Lecture Schedule	Tutorial Schedule	Practical Schedule
		Topic	Topic	Topic
64	27.3.20 Friday		Do	Observation of osmotic fragility of RBC
	28.3.20 Saturday	Weekly Holiday		
65	29.3.20 Sunday	Heart sound: type, characteristics & their significances, ECG	Do	Do
66	30.3.20 Monday	Functional classification of blood vessels, interrelationship among pressure, flow & resistance.		
67	31.3.20 Tuesday		Heart sound: type, characteristics & their significances, ECG	Measurement of BP
68	1.4.20 Wednesday	Local & humoral control of blood flow in tissues. Exchange of fluid through the capillary membrane		
69	2.4.20 Thursday		Assessment Item2	Do
70	3.4.20 Friday		Functional classification of blood vessels, interrelationship among pressure, flow & resistance.	Do
	4.4.20 Saturday	Weekly Holiday		
71	5.4.20 Sunday	SV, EDV,ESV: Def & factor affecting	Local & humoral control of blood flow in tissues. Exchange of fluid through the capillary membrane	Do
72	6.4.20 Monday	Cardiac output & venous return: Definition, measurement, regulation & factors affecting cardiac output. Heart rate, pulse.		
73	7.4.20 Tuesday		Assessment Item3	Auscultation of 1 st & 2 nd heart sound
74	8.4.20 Wednesday	Peripheral resistance: Definition & factors affecting . Blood pressure: Definition, types, pressure measurement & regulation of arterial blood pressure		
75	9.4.20 Thursday	Holiday(Sob-E-Borat)		
76	10.4.20 Friday		SV, EDV,ESV: Def & factor affecting	Do
	11.4.20 Saturday	Weekly Holiday		
	12.4.20 Sunday	Cardiac arrhythmias: Tachycardia, bradycardia, Shock: Def, classification, physiological basis of compensatory mechanism of circulatory shock		

Class No	Date & Day	Lecture Schedule	Tutorial Schedule	Practical Schedule
		Topic	Topic	Topic
77	13.4.20 Monday		Peripheral resistance: Definition & factors affecting, Blood pressure: Definition, types, pressure measurement & regulation of arterial blood pressure	Examination of Radial pulse
78	14.4.20 Tuesday	Holiday (Pohela Boishak)		
79	15.4.20 Wednesday	Integrated Teaching – III CVS		
80	16.4.20 Thursday	Assessment Item4		
81	17.4.20 Friday	Do		Do
	18.4.20 Saturday	Weekly Holiday		
82	19.4.20 Sunday	Do		
83	20.4.20 Monday	Do		
84	21.4.20 Tuesday	Assessment Item5		
85	22.4.20 Wednesday	Do		
86	23.4.20 Thursday		Cardiac arrhythmias: Tachycardia, bradycardia Shock: Def, classification, physiological basis of compensatory mechanism of circulatory shock	
87	24.4.20 Friday	Do	Do	
	25.4.20 Saturday	Weekly Holiday		
88	26.4.20 Sunday	Assessment Item6		
89	27.4.20 Monday	Do		
90	28.4.20 Tuesday	Do		
	29.4.20 Wednesday	DO		
91	30.4.20 Thursday	Cardiovascular Card final examination		
	1.5.20 Friday	Holiday(May day)		
	2.5.20 Saturday	Weekly Holiday		
	3.5.20 Sunday	Review		
	4.5.20 Monday	Review		
	5.5.20 Tuesday	Review		
	6.5.20 Wednesday	Holiday(Buddha purnima)		

Class No	Date and Day	Lecture Schedule	Tutorial Schedule	Practical Schedule
		Topic	Topic	Topic
	7.5.20 Thursday To	Preparation for 1 st term examination(9.5.20 to 15.5,19)		
	13.5.20 Wednesday			
	14.5.20 thursday To	1 st term examination(The result of 1 st term exam will be published within a week of end of the exam)		
	15.5.20 friday			
	16.5.20 Saturday	Weekly Holiday		

2nd Term

Duration: May/2020- October/2020

Second Term Final Exam: 3rd and 4th Week of October/2020

Class No	Date and Day	Lecture Schedule	Tutorial Schedule	Practical Schedule
		Topic	Topic	Topic
1	17.05.2020 Sunday	Respiration: Definition and mechanism, Ventilation, Goals.	Discussion Item 1	Determination of LFTS
2	18.05.2020 Monday	Do		
3	19.05.2020 Tuesday		Do	Do
4	20.05.2020 Wednesday	Pulmonary volumes and capacity, Dead Space.		Do
	21.05.2020 Thursday	Eid-UI-Fitr		
	30.05.2020 Saturday			
5	31.05.2020 Sunday	Do	Do	Do
6	1.06.2020 Monday	Composition of atmospheric, alveolar, inspired air and respiratory unit, respiratory membrane & peculiarities of pulmonary, ventilation perfusion ratio		
7	2.06.2020 Tuesday	Do	Assessment item-2	Self study/Review
8	3.06.2020 Wednesday	O2 and CO2 transport, O2-Hb dissociation curve, Bohr effect, Haldane Effect, Chloride- shift mechanism.		Do
9	4.06.2020 Thursday		Discussion item-3	Do
	5.06.2020 Friday		Assessment item-3	
	06.06.2020 Saturday	Weekly Holiday		
10	7.06.2020 Sunday	Do		
11	8.06.2020 Monday	Do		
12	9.6.2020 Tuesday			
13	10.6.2020 Wednesday	Regulation of respiration: Neural & Chemical.		
	11.6.2020 Thursday			
	12.6.2020 friday			
	13.06.2020 saturday	Weekly Holiday		
14	14.06.2020 Sunday	Do	Do	
15	15.06.2020 Monday	Do		
16	16.06.2020 Tuesday		Assessment item-4	Do
17	17.06.2020 wednesday	Do		

Class No	Date and Day	Lecture Schedule	Tutorial Schedule	Practical Schedule
		Topic	Topic	Topic
18	18.06.2020 Thursday		Discussion item-5	Do
19	19.06.2020 Friday			Self study/Review
	20.06.2020 Saturday	Weekly Holiday		
20	21.06.2020 Sunday	Definition of dyspnoea, hypercapnea and periodic breathing Hypoxia, Cyanosis, Lung Function test.	Assessment Item -5	
21	22.06.2020 Monday	Do		
22	23.06.2020 Tuesday		Do	Do
23	24.06.2020 Wednesday	Respiratory Physiology Card Final Examination		
24	25.06.2020 Thursday		Do	Do
25	26.06.2020 Friday	Review/ Assessment		Do
	27.06.2020 Saturday	Weekly Holiday		
26	28.06.2020 Sunday		Discussion item-3	
Renal Physiology				
27	29.06.2020 Monday	Physiology of renal system—nephron, classification.		
28	30.06.2020 Tuesday	Do		Self study/Review
29	01.07.2020 Wednesday	Functions of kidney, renal circulation.		
30	02.07.2020 Thursday		Assessment item-3	Do
31	03.07.2020 Friday	Do	Do	Do
	04.07.2020 Saturday	Weekly Holiday		
32	05.07.2020 Sunday		Discussion item-4	
33	06.07.2020 Monday	Do		
34	07.07.2020 Tuesday	Integrated Teaching-(IV) Renal system		Do
35	08.07.2020 Wednesday	GFR, filtration pressure, tubular load, plasma load, T _m .		
36	09.07.2020 Thursday		Assessment Item-4	Do
37	10.07.2020 Friday	Do		Do
	11.07.2020 Saturday	Weekly Holiday		
38	12.07.2020 Sunday		Discussion item-4	
39	13.07.2020 Monday	Autoregulation of renal blood flow,		
40	14.07.2020 Tuesday	Do	Do	

Class No	Date and Day	Lecture Schedule	Tutorial Schedule	Practical Schedule
		Topic	Topic	Topic
41	15.07.2020 Wednesday	Do	Do	
42	16.07.2020 Thursday		Do	Do
43	17.07.20 Friday	Reabsorbtion and secretion of renal tubules.	Do	Do
	18.07.2020 Saturday		Weekly Holiday	Do
44	19.07.2020 To 27.07.2020 Monday	Student Week		
46	28.07.2020 uesday	Basic mechanism of urine formation	Do	Determination of BT and CT.
47	29.07.2020 Wednesday	Mechanism of formation of concentrated and diluted urine.		
48	30.07.2020 Thursday	Do	Discussion item-6	Do
49	31.07.2020 Friday			Do
50	01.08.2020 Saturday	Weekly Holiday		
	02.08.2020 to 08.08.2020	Eid-UI-Adha		
51	09.08.2020		Do	
	10..08.2020	Weekly Holiday		
52	11.08.2020 Sunday	Integrated Teaching-(V)Micturation	Do	Do
53	12.08.2020 Monday	Renal circulation: Peculiarities with functional importance.		
54	13.08.2020 Tuesday		Assessment item-6	Do
55	14.08.2020 Wednesday	Do		
56	15.8.20 Thursday		Do	Do
58	20.08.2020 Tuesday		Discussion Item-7	Do
59	21.08.2020 Wednesday	Counter current mechanism.		Determination of LFT
60	22.08.2020 Thursday		Do	Do
61	23.08.2020 Friday		Do	
	24.08.2020 Saturday	Weekly Holiday		
62	25.08.2020 Sunday	Do	Do	Do

Class No	Date and Day	Lecture Schedule	Tutorial Schedule	Practical Schedule
		Topic	Topic	Topic
63	26.08.2020 Monday	Micturation Reflex.		
64	27.08.2020 Tuesday		Assessment item-7	Do
65	28.08.2020 Wednesday	Do		Do
66	29.08.2020 Thursday		Do	Do
67	30.08.2020 Friday		Review/Assessment	
	31.08.2020 Saturday	Weekly Holiday		
68	01.09.2020 Sunday	Abnormalities of micturation.	Review/Assessment	Do
69	02.09.2020 Monday	Diuresis, Glycosuria, proteinuroa.		
70	03.09.2020 Tuesday		Review/Assessment	Self study/Review
71	04.09.2020 Wednesday	Do		Do
72	05.09.2020 Thursday		Review/Assessment	Do
73	06.09.2020 Friday		Review/Assessment	
	07.09.2020 Saturday	Weekly Holiday		
74	08.09.2020 Sunday	Review/ Assessment	Pending Item	Do
75	09.09.2020 Monday	Review/ Assessment	Pending Item	
	10.09.2020 Tuesday	Govt. Holiday (Ashura)		
76	11.09.2020 Wednesday	Review/ Assessment		Do
77	12.09.2020 Thursday		Review/ Assessment	Auscultation of intestinal sound.
78	13.09.2020 Friday		Review/ Assessment	
Gastrointestinal Physiology				
	14.09.2020 Saturday	Weekly Holiday		
79	15.09.2020 Sunday	Integrated Teaching-(VI) Hormone	Discussion item-1	Do
80	16.09.2020 Monday	Neural & hormonal control of GIT function.		
81	17.09.2020 Tuesday		Do	Do
82	18.09.2020 Wednesday	Local hormones of GIT.		Determination of specific gravity of urine.
83	19.09.2020 Thursday		Assessment item-1	Do
84	20.09.2020 Friday		Discussion item-2	

Class No	Date and Day	Lecture Schedule	Tutorial Schedule	Practical Schedule
		Topic	Topic	Topic
	21.09.2020 Saturday	Weekly Holiday		
85	22.09.2020 Sunday	Movements of the GIT.	Do	Do
86	23.09.2020 Monday	Do		
87	24.09.2020 Tuesday		Assessment item-2	Review/Assessment
88	25.09.2020 Wednesday	GI reflexes.		Do
89	26.09.2020 Thursday		Do	Do
90	27.09.2020 Friday		Do	
	28.09.2020 Saturday	Weekly Holiday		
91	29.09.2020 Sunday	Integrated teaching: Pancreas.	Review/ Assessment	Do
92	30.09.2020 Monday	Do		
93	01.10.2020 Tuesday		Do	Do
94	02.10.2020 Wednesday	Do		Review/Assessment
95	03.10.2020 Thursday		Do	Do
96	04.10.2020 Friday	Gastrointestinal & Renal Physiology Card Final Examination		
97	05.10.2020 Saturday	Weekly Holiday		
98	06.10.2020 Sunday	Review/Assessment.	Do	Do
	07.10.2020 Monday To 09.10.2020 Wednesday	Govt. Holiday (Durga Puja)		
	10.10.2020 Thursday To 14.10.2020 Monday	Preparation for the 2nd Term Final Examination		
	15.10.2020 Tuesday To 31.10.2020 Thursday	2nd Term Exam (The Result of the 2nd Term Exam will be Published within a Week of End of the Exam)		

3rd Term

Duration: November/2020-February/2020
Third Term Final Exam: 3rd and 4th week of February/2020

Class No	Date and Day	Lecture Schedule	Tutorial Schedule	Practical Schedule
		Topic	Topic	Topic
1	01.11.2020 Sunday	Integrated Teaching-(VII) Pituitary gland	Do	
	02.11.2020 Monday	do		
2	03.11.2020 Tuesday		Discussion item-1	Elicitation of the Knee Jerk.
3	04.11.2020 Wednesday	Introduction of Endocrine Physiology. Physiology of endocrine system.	Do	
4	05.11.2020 Thursday		Do	Do
5	06.11.2020 Friday	.	Do	Do
	07.11.2020 Saturday	Weekly Holiday		
	08.11.2020 Sunday	Hormones: Definition and classification	do	
7	09.11.2020 Monday	Assessment Item-1		
	10.11.2020 Tuesday	Recording of the body temperature		
8	11.11.2020 Wednesday	Hormones: Mechanism and regulation of secretion.	Discussion item-2	
9	12.11.2020 Thursday		Do	Do
10	13.11.2020 Friday	.	Do	Do
	14.11.2020 Saturday	Weekly Holiday		
11	15.11.2020 Sunday	Thyroid hormones: Biosynthesis and function	Do	
12	16.11.2020 Monday	do		
13	17.11.2020 Tuesday	Thyroid hormones: Regulation of secretion.	Assessment item-2	Do
14	18.11.2020 Wednesday	Hypothyroidism, hyperthyroidism, cretinism, myxoedema and goiter.	Discussion item-3	
15	19.11.2020 Thursday		Do	Do
16	20.11.2020 Friday	.	Do	Do
	21.11.2020 Saturday	Weekly Holiday		
17	22.11.2020 Sunday	Hypothalamic hormones	Do	Observation of Light reflex.
18	23.11.2020 Monday	do		
19	24.11.2020 Tuesday	Pituitary hormones. Dwarfism, gigantism, acromegaly.	Assessment Item-3	Do
20	25.11.2020 Wednesday	Introduction of Parathyroid hormone.	Discussion Item-4	
21	26.11.2020 Thursday		Do	Do
22	27.11.2020 Friday		Do	Do

Class No	Date and Day	Lecture Schedule	Tutorial Schedule	Practical Schedule
		Topic	Topic	Topic

23	28.11.2020 Saturday	Weekly Holiday		
	29.11.2020 Sunday	Parathyroid hormone: Mechanism and regulation of secretion.	Assessment Item-4	Hearing tests.
24	30.11.2020 Monday	do		
25	01.12.2020 Tuesday	Regulation of secretion of insulin and disorders.	Discussion Item-5	Do
26	02.12.2020 Wednesday	Adrenocortical hormones: Name, functions, mechanism of action.	Do	
27	03.12.2020 Thursday		Do	Do
28	04.12.2020 Friday		Assessment Item-5	Do
	05.12.2020 Saturday	Weekly Holiday		
29	06.12.2020 Sunday	Addisons disease, Cushing's syndrome, Conn's disease.	Do	
30	07.12.2020 Monday	Do		
31	08.12.2020 Tuesday	Integrated Teaching-(VIII) Reproductive system	Assessment Item-6	Do
32	09.12.2020 Wednesday	Functional anatomy of female reproductive system, Sex determination and sex differentiation.Secondary sex characteristics of female.	Discussion item-1	
33	10.12.2020 Thursday		Do	Do
34	11.12.2020 Friday		Do	Do
	12.12.2020 Saturday	Weekly Holiday		
35	13.12.2020 Sunday	Menstrual and ovarian cycle	Review/Assessment	Assessment Item-1 Review/Assessment
36	14.12.20 Monday	Do		
37	15.12.20 Tuesday	Ovulation and ovarian hormones	Discussion item-2	Do
	16.12.10 Wednesday	Govt. Holiday (victory day)		
38	17.12.20 Thursday		DO	DO
39	18.12.20 Friday		DO	DO
	19.12.20 Saturday	Weekly holiday		
40	20.12.20 Sunday	Functional anatomy of male reproductive system	Assessment item-2	DO
41	21.12.20 Monday	Do	do	do
42	22.12.20 Tuesday	Gonad, testosterone, spermatogenesis.	DO	DO
43	23.12.20 Wednesday	pregnancy & lactation, placental hormones, mammogenesis .	Discussion item-3	
44	24.12.20 Thursday		DO	Elicitation of the light reflex

ClassNo	Date and Day	Lecture Schedule	Tutorial Schedule	Practical Schedule
		Topic	Topic	Topic
	25.12.20 Friday	Govt, holiday (Borodin)		
	26.12.20 Saturday	Weekly holiday		
45	27.12.20 Sunday		DO	
46	28.12.20 Monday			
47	29.12.20 Thursday	Lactation and contraception	DO	DO
48	30.12.20 Wednesday		Assessment item-3	DO
Endocrine and reproductive card final exam				
	03.01.21 Sunday	Neurophysiology -reflex, reflex arc	Discussion item-1	DO
52	04.01.21 Monday	Integrated teaching of-(IX) nervous system	DO	Do
53	05.01.21 Tuesday	DO	Assessment item-1	DO
54	06.01.21 Wednesday	Synapse, Neurotransmitters: Definition,type, function	Discussion item-2	DO
55	07.01.21 Thursday		DO	DO
56	08.01.21 Friday	Neuron: definition, part ,type. Muscle spindle ,muscle tone.	DO	DO
	09.01.21 Saturday		Assessment item-2	DO
57	10.01.21 Sunday	Weekly holiday		
58	11.01.21 Monday		Discussion item-3	
59	12.01.21 tuesday	Spinal cord: effect of hemisection	DO	DO
60	13.01.21 Wednesday		DO	DO
61	14.01.21 thursday		DO	
62	15.01.21 friday	Sensory receptor: def. Classify, properties , Nerve fiber : definition, Property, effect of injury	Assessment item-3	DO
	16.01.21 Saturday	Weekly holiday		
63	17.01.21 Sunday	Stretch reflex, knee jerk, planter response, Ascending tracts: name, origin , course,Function, effect of lesions.		
64	18.01.21 Monday	DO		
65	19.01.21 tuesday		DO	DO

Class No	Date and Day	Lecture Schedule	Tutorial Schedule	Practical Schedule
		Topic	Topic	Topic
66	20.01.21 Wednesday	ANS, alarm, stress response. Cerebellum: error, control mechanism of motor activity	Assessment item-6	Self study/review
67	21.01.21 Thursday		Discussion item-7	
68	22.01.21 Friday		Do	Do
	23.01.21 Saturday	Weekly Holiday		
69	24.01.21 Sunday	Basal ganglia, reticular formation, limbic formation, CSF: circulation function, BBB		
70	25.01.21 Monday		Discussion item-8	
71	26.01.21 Tuesday	Cerebellar disorder.	Do	Do
72	27.01.21 Wednesday	Hypothalamus: Name of the nucleus and function. Regulation of body temperature in hot and cold environment.	Assessment Item -8	Do
73	28.01.2021 Thursday		Discussion item-9	
74	29.01.2021 Friday		Do	Do
	30.01.2021 Saturday	Weekly Holiday		
75	31.02.2021 Sunday	Special Senses: Physiological anatomy of eye. Visual receptor and pathway. Common refractive errors.		
76	01.02.2021 Monday		Discussion item-10	
77	02.02.2021 Tuesday	Light reflex, dark and light adaptation. Accommodation reaction.	Do	Do
78	03.02.2021 Wednesday	Smell and taste: Receptor and pathway.	Assessment Item-10	Do
79	04.02.2021 Thursday		Discussion item-11	
80	05.02.2021 Friday		Do	Do
	06.02.2021 Saturday	Weekly Holiday		
81	07.02.2021 Sunday	Hearing: Auditory apparatus, mechanism of hearing. Auditory pathway.		
	08.02.2021 Monday	Integrated Teaching-(X) Special senses		
	9.02.2021 Tuesday	Pending Item		
	10.02.2021 Wednesday	Nervous System and Special Senses Card Final Exam		
	11.02.2021 Thursday	Review/Assessment		
	12.02.2021 Friday	Review/Pending item		
	14.02.2021 Sunday To 17.02.2021 Wednesday	Preparation for the 3rd Term Exam		
	18.02.2021 Thursday	3rd Term Exam		

Class No	Date and Day	Lecture Schedule	Tutorial Schedule	Practical Schedule
		Topic	Topic	Topic
	21.02.2021 sunday	International Mother Language Day		
	22.02.2021 monday To 26.02.2021 friday	3 rd Term Exam (The Result of the 3 rd Term Exam will be Published within a Week of End of the Exam)		
	27.02.2021 saturday	Weekly Holiday		

	28.02.21 sunday	3 rd Term Exam
	01.03.201 To 31.03.21	Review/ Pending item/Supple Exam.
	01.04.21 To 30.04.21	Preparatory time for the 1 st Professional MBBS Examination
	01.05.21	May Day
	02.05.21 To 30.06.21	Time for 1 st Professional MBBS Examination (Regular) and Result.