

**NORTH BENGAL MEDICAL COLLEGE, SIRAJGANJ**  
**ACADEMIC CALENDAR OF PHASE-I FOR 21<sup>ST</sup> BATCH MBBS**

**Basic Information's about MBBS Course**

1. Name of the course: Bachelor of Medicine and Bachelor of Surgery (MBBS)
2. Basic qualifications and prerequisite for entrance in MBBS Course:
  - (i) HSC or equivalent with Science .(Biology, Physics, Chemistry)
  - (ii) Candidate has to secure required grade point in the SSC and HSC Examinations.
3. Students selection procedure for MBBS course: According to decision by the proper competent authority as per merit.
4. Medium of Instruction: English
5. Duration: MBBS course comprises of 5 Years, followed by logbook based rotatory internship for one year

**NB: All academic activities including professional examination of each phase must be completed within the specified time of the phase.**

**Distribution of teaching-learning hours/days in Phase-1:**

Subjects	Lecture (hrs)	Tutorial (hrs)	Practical (hrs)	Others	Integrate d teaching	Formative exam		Summative exam		Total (hrs)
						Preparat ory time	Exam time	Preparat ory time	Exam time	
Anatomy	115	53	52	Demonstration + Dissection  + Card exam:310 (hrs)	30 hrs	21+14= 35 days	42 days	30 days	30 days	530
Physiology	120	120	100	-----	--					340
Biochemistr y	120	100	100	-----	30 hours	35 days	42 days	30 days	30 days	320
<b>Total</b>	<b>355</b>	<b>273</b>	<b>252</b>	<b>310</b>						<b>1190</b>
<b>Medical ethics, Behavioral science, Communication skill</b>										<b>05</b>

Information technology	02
Grand total	1197
(Time for Integrated teaching, Exam, Preparatory time, Formative and Summative Assessment is common for all the subjects of the phase.)	

### Common Classes:

Following classes will be conducted as common and will be organized by department of Community Medicine

i) Medical ethics -----2hrs ii) Behavioral science-----1hr iii) Communication skill-----2hrs iv) Information technology-----2hrs	These classes will be held from January of each session. The classes will be one hr/week for 07 consecutive weeks.
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### Cards of phase-1:

Subjects	Term-1	Term-11	Term-111
Anatomy	(1) Thorax & (2) Superior Extremity Cards	(3) Abdomen & (4) Inferior Extremity Cards	(5) Head Neck & (6) Brain Eyeball Cards
Physiology	Cellular Physiology & Physiology of blood cardiovascular Physiology	Respiratory Physiology Gastrointestinal Physiology & Renal Physiology	Endocrine Physiology. Physiology of Reproduction Neurophysiology
Biochemistry	Biophysics and Biomolecules, Food, nutrition	Digestion, absorption, bioenergetics and metabolism	Clinical biochemistry and clinical endocrinology, Molecular biology.

Cards of the three subjects will be distributed among the terms in the following way:

### **In-course assessment:**

- (i) Card final examination will be written/ oral & practical/both written, oral & practical.
- (ii) Term final examination (both regular & supplementary) will be written, oral & practical and will be organized by the Phase-1 committee.

### **Pre-requisite for appearing in term examination:**

Students must be complete all items of the cards and pass the card final examinations.

### **Notable features for 1<sup>st</sup> Professional MBBS Examination**

1. Time allocation for the 1<sup>st</sup> professional examination: one and half years (from 1<sup>st</sup> January to 30<sup>th</sup> June of next year).
2. Marks allocation:
  - (a) Anatomy----- Total marks: 500
  - (b) Physiology-----Total marks: 400
  - (c) Biochemistry-----Total marks: 400

### **Eligibility of the students to appear in the 1<sup>st</sup> Professional MBBS Examination**

- (a) A student must pass all items, cards and three term examinations.
- (b) Minimum attendance must be 75% separately in tutorial, demonstration, dissection, practical and lecture classes.

**Preparatory time for 1<sup>st</sup> professional Examination: Thirty (30) days preparatory time will be granted to students before first professional examination.**

**ACADEMIC CALENDAR OF ANATOMY**  
**(In brief for the Session: 2019-2020, 21<sup>st</sup> Batch MBBS)**

**FIRST TERM**

**Duration: January/2020-----May/2020**

- Lecture and Review:
  - General Anatomy ----- 12 hours
  - Cell Biology -----06 hours
  - Human Genetics -----04 hours
  - General Histology -----08 hours
  - Systemic Histology----- 02 hours
  - General Embryology -----13 hours
  - Neuroanatomy -----01 hours
- Tutorial/Review:
  - Thorax card -----11 hours
  - Superior extremity card -----08 hours
- Demonstration and Dissection:
  - Thorax card -----32 hours
  - Superior extremity card -----33 hours
- Histology card-1 ----- 17 hours
- Card completion examinations:
  - Thorax card -----06 hours
  - Superior extremity card -----06 hours

# The Thorax card completion Exam 3<sup>rd</sup> week of March/2020.

# The Superior extremity card completion Exam 4<sup>th</sup> week of April/2020

# 1<sup>st</sup> Term Final Exam 1<sup>st</sup> and 2<sup>nd</sup> week of May/2020.

**SECOND TERM**

**Duration: May/2020 ----- October/2020**

- Lecture and Review:
  - General Histology -----02 hours
  - Systemic Histology -----14 hours
  - General Embryology -----05 hours
  - Systemic Embryology -----17 hours
  - Neuroanatomy -----02 hours
- Tutorial/Review:
  - Abdomen card -----14 hours
  - Inferior extremity card -----07 hours
- Demonstration and Dissection:
  - Abdomen card -----14 hours
  - Inferior extremity card -----07 hours
- Histology Practical card-11----- 17 hours
- Card Completion Examinations:
  - Abdomen card -----06 hours
  - Inferior extremity card -----06 hours

# The Abdomen card completion examination will be held at 3<sup>rd</sup> week of August/2020.

# The Inferior extremity card completion examination will be held at the end of 1<sup>st</sup> week of October/2020.

# The 2<sup>nd</sup> Term Final Examination will be held at 3<sup>rd</sup> and 4<sup>th</sup> week of October/2020.

### **THIRD TERM**

**Duration: November/2020----- February/2021**

- Lecture and Review:
  - General Histology----- 02 hours
  - Systemic Histology----- 02 hours
  - Systemic Embryology ----- 07 hours
  - Neuroanatomy ----- 18 hours
- Tutorial/ Review:
  - Head and Neck card-----09 hours
  - CNS & Eyeball card ----- 04 hours
- Demonstration and Dissection:
  - Head and Neck card-----74 hours
  - CNS and Eyeball card----- 35 hours
- Histology practical card-111----- 18 hours
- Card Completion Examination:
  - Head and Neck card----- 06 hours
  - CNS and Eyeball card----- 06 hours

# The Head & Neck card completion examination will be held at 2<sup>nd</sup> week of January/2021.

# The CNS & Eyeball card completion examination will be held at 3<sup>rd</sup> week of February/2021.

# The 3<sup>rd</sup> Term Final Examination will be held at 4<sup>th</sup> week of February/2021.

- Preparation of the student for the 1<sup>st</sup> Professional MBBS examination from the completion of 3<sup>rd</sup> Term to the beginning of 1<sup>st</sup> Professional MBBS examination May/2021.
- The 1<sup>st</sup> Professional MBBS examination will be started from 1<sup>st</sup> week of May/2021 and next 1<sup>st</sup> Professional MBBS examination will be held at 1<sup>st</sup> week of November/2021.

### **GENERAL CONSIDERATIONS**

- Every medical student respects the cadavers and should pray to the Creator for their departed souls for eternal peace.
- Every student must wear apron and shoes during class time.
- Every student must be well prepared for each class with the appropriate equipments.

### **TEACHING STAFF OF THE DEPARTMENT OF ANATOMY**

**(At the time of preparation of academic calendar)**

**NORTH BENGAL MEDICAL COLLEGE, SIRAJGANJ**

1. Professor Dr. S M Akram Hossain, Head of the Department
2. Professor Dr. Kausar Alom
3. Dr. Md. Arifen Morshed .....Curator
4. Dr. Md. Moshir Rahman .....Lecturer
5. Dr. Md. Arifuzzaman .....Lecturer
6. Dr. Md. Nahid Hasan .....Lecturer

**ACADEMIC CALENDAR OF ANATOMY**  
**(In details for the students of Session:2019-2020 , 21<sup>st</sup> Batch MBBS)**

**1<sup>st</sup> Term**

**Duration:** January/2020-May/2020

First Term Final Exam: 1<sup>st</sup> and 2<sup>nd</sup> week of May/2020

(From the 1<sup>st</sup> January/2020 to 31<sup>st</sup> December/2020 the students will

Follow the Routine of 1<sup>st</sup> year MBBS. Class times are shown in the Routine.

Details of Lecture/Review  
/Assessment Classes

Details of Classes of small group teaching  
(Thorax, Superior extremity and Histology-1 Cards)

Class no	Date and day	Topic	Class No	Type of Class	Topic
	10.01.20 Friday	Inaugural session and Parents day			
	<b>11.01.20</b> <b>Saturday</b>	<b>Weekly Holiday</b>			
1	12.01.20 Sunday	Introduction	1.	Tutorial	Define anatomy, Subdivisions of Anatomy
2.	13.01.20 Monday	Define anatomy, Subdivisions of Anatomy	2.	Demonstration	Human Skeleton
	14.01.20 Tuesday	-----	3.	Demonstration	Bones and joints of the thorax
3.	15.01.20 Wednesday	Explain Subdivisions of Anatomy	4.	Demonstration	Sternum
4.	16.01.20 Thursday	Anatomical Terminology, Anatomical Planes and Positions	5.	Review/ Assessment	Sternum
5.	17.01.20 Friday	Anatomical Terminology, Anatomical Planes and Positions	6.	Demonstration	Ribs
	<b>18.01.20</b> <b>Saturday</b>	<b>Weekly Holiday</b>			
	19.01.20 Sunday	Pending Item	7.	Histology Practical	Study of Microscope
6.	20.01.20 Monday	Review/Assessment	8.	Demonstration	Ribs
	21.01.20 Tuesday	-----	9.	Review/ Assessment	Ribs
7.	22.01.20 Wednesday	General Anatomy: Skeletal system: Bones-Classification, Function, Composition, Blood supply, Periosteum&Endosteum.	10.	Demonstration	Thoracic Vertebrae
8.	23.01.20 Thursday	Developing long bone, Ossification and ossification centers.	11.	Demonstration	Do
9.	24.01.20 Friday	Joints: Definition, Classification, Characters, Formation of synovial joint.	12.	Review/ Assessment	Do
	<b>25.01.20</b> <b>Saturday</b>	<b>Weekly Holiday</b>			
	26.01.20 Sunday	Pending Item	13.	Histology Practical	Microscope Review/

	Date and day	Topic	Class No	Type of Class	Topic
10.	27.01.20 Monday	Stability of a joint, Movement, Blood and nerve supply, Hilton's law, Subluxation & Dislocation	14.	Demonstration	Heart & Pericardium
	28.01.20 Tuesday	-----	15.	Dissection	Do
11.	29.01.20 Wednesday	Cell: Definition, Classification, Components, Cell membrane, Glycocalyx.	16.	Dissection	Do
12	30.01.20 Thursday	Surface modifications and intercellular contacts, Nucleus: Components, Chromatin/Chromosomes	17.	Dissection	Do
13.	31.01.20 Friday	Membranous organelles	18.	Review/ Assessment	Do
	<b>01.02.20 Saturday</b>	<b>Weekly Holiday</b>			
	02.02.20 Sunday	Integrated Teaching (I) Cell	19.	Histology Practical	Principles of tissue preparation and staining (Routine)
14	03.02.20 Monday	Membranous organelles	20.	Review/ Assessment	Heart & Pericardium
	04.02.20 Tuesday	-----	21.	Demonstration	Lungs and Pleura
15.	05.02.20 Wednesday	Nonmembranous organelles; Inclusions	22.	Dissection	Do
16	06.02.20 Thursday	Review/ Assessment	23.	Dissection	Do
17.	07.02.20 Friday	General Histology: Basic tissue, Definition, components, Classification, Characters, Distribution and Functions.	24.	Review/ Assessment	Do
	<b>08.02.20 Saturday</b>	<b>Weekly Holiday</b>			
	09.02.20 Sunday	Pending Item	25.	Histology Practical	Review/Assessment Tissue Preparation
18.	10.02.20 Monday	Epithelial tissue: Classification, Covering epithelium with examples, Basal lamina/ Basement membrane, Pseudo stratified epithelium, Transitional epithelium.	26.	Demonstration	Trachea, bronchi and oesophagus
	11.02.20 Tuesday	-----	27.	Review/ Assessment	Do
19.	12.02.20 Wednesday	Glandular epithelium: Definition, Classification, with examples.	28.	Demonstration	The Diaphragm
20.	13.02.20 Thursday	Review/ Assessment	29.	Demonstration	Do
21.	14.02.20 Friday	Connective tissue: Characters, Function, Classification with example	30.	Review/ Assessment	Do
	<b>15.02.20 Saturday</b>	<b>Weekly Holiday</b>			

Class no	Date and day	Topic	Class No	Type of Class	Topic
	16.02.20 Sunday	Pending item	31.	Histology Practical	Cell and cell division
22.	17.02.20 Monday	Special Connective tissue: Bone-Structure, Haversionsysem, Bone cells-Location and Function	32.	Review/ Assessment	The Diaphragm
	18.02.20 Tuesday	-----	33.	Dissection	Thoracic wall, thoracic cavity and Mediastinum.
23.	19.02.20 Wednesday	Cartilage: Classification with examples, Structure.	34.	Dissection	Mediastinum
24.	20.02.20 Thursday	Review/ Assessment	35.	Review/ Assessment	Thoracic wall, thoracic cavity and Mediastinum
	<b>21.02.20 Friday</b>	<b>International Mother Language Day</b>			
	<b>22.02.20 Saturday</b>	<b>Weekly Holiday</b>			
	23.02.20 Sunday	Pending item	36.	Histology Practical	Cell and cell division Review/Assessment
25.	24.02.20 Monday	General Embryology: Cell division-Types, Mitosis	37.	Dissection	Blood vessels, nerves and lymphatics of the thorax
	25.02.20 Tuesday	-----	38.	Dissection	Do
26.	26.02.20 Wednesday	Meiosis, Differences between mitosis and meiosis.	39.	Dissection	Do
27.	27.02.20 Thursday	Gametogenesis, Aims of Gametogenesis, Spermatogenesis.	40.	Review/ Assessment	Do
28.	28.02.20 Friday	Oogenesis	41.	Demonstration	Living Anatomy
	<b>29.02.20 Saturday</b>	<b>Weekly Holiday</b>			
	01.03.20 Sunday	Integrated Teaching-(II) Heart	42.	Histology Practical	Epithelial tissue
29.	02.03.20 Monday	Review/Assessment	43.	Demonstration	Living Anatomy
	03.03.20 Tuesday	-----	44.	Do	Do
30.	04.03.20 Wednesday	Fertilization: Definition, site, Capacitation, Acrosome reaction, Phases of fertilization, Response of ovum at fertilization, Results of fertilization.	45.	Do	Do
31.	05.03.20 Thursday	Review/ Assessment	46.	Review/ Assessment	Do
32.	06.03.20 Friday	Progress in 1 <sup>st</sup> week of development: Zygote, Morula, Blastocyst, Implantation-Normal and Abnormal sites (Ectopic pregnancy, Placenta previa)	47	Review/ Assessment	Do



Class no	Date and day	Topic	Class No	Type of Class	Topic
	<b>07.03.20 Saturday</b>	<b>Weekly Holiday</b>			
	08.03.20 Sunday	Pending item	48.	Histology Practical	Epithelial tissue Review/ Assessment
33.	09.03.20 Monday	Review/ Assessment	49.	Demonstration	Radiology
.	10.03.20 Tuesday	-----	50	Demonstration	Do
34.	11.03.20 Wednesday	Progress in the 2 <sup>nd</sup> week of development Trophoblast, Bilaminar germ disc, week of two's.	51	Review/ Assessment	Do
35.	12.03.20 Thursday	Progress in the 3 <sup>rd</sup> week of development: Gastrulation, Formation of Primitive streak and Notochord.	52.	Review/ Assessment	Do
36.	13.03.20 Friday	Review/Assessment	53.	Review/ Assessment	Do
	<b>14.03.20 Saturday</b>	<b>Weekly Holiday</b>			
	<b>15.03.20 &amp; 16.03,20</b>	<b>Thorax Card Completion Exam</b>			
	<b>17.03.20 Tuesday</b>	<b>Birth day of Father of Nation-Bangabandhu Sheikh MujiburRahman</b>			
37.	18.03.20 Wednesday	Neurulaion Derivatives of ectoderm, Neural crest.	54.	Review/ Assessment	Clavicle and scapula
38.	19.03.20 Thursday	Parts of developing mesoderm, Somites, Derivatives of mesoderm and endoderm.	55.	Demonstration	Humerus and Ulna
39.	20.03.20 Friday	Review/ Assessment	56.	Demonstration	Humerus and Ulna
	<b>21.03.20 Saturday</b>	<b>Weekly Holiday</b>			
	22.03.20 Sunday	Pending item	57.	Histology Practical	Connective tissue
40.	23.03.20 Monday	General Anatomy: Muscles: Classification, Characteristics and Function. Classification of skeletal muscle morphologically and functionally.	58.	Review/ Assessment	Humerus and Ulna
	24.03.20 Tuesday	-----	59.	Dissection	Axilla
41.	25.03.20 Wednesday	Cardiovascular system: Component part, Classification of blood vessels, Difference between blood vessels. Nutrition and innervations of blood vessels.	60.	Dissection	Axilla
	<b>26.03.20 Thursday</b>	<b>Independent and National day</b>			

Class no	Date and day	Topic	Class No	Type of Class	Topic
42.	27.03.20 Friday	Circulation Different circulations, Anastomosis, End arteries	61.	Review/ Assessment	Do
	<b>28.03.20 Saturday</b>	<b>Weekly Holiday</b>			
	29.03.20 Sunday	Pending Item	62.	Histology Practical	Review/ Assessment Connective tissue.
43.	30.03.20 Monday	Review/ Assessment	63.	Dissection	Pectoral region with mammary gland
	31.03.20 Tuesday	-----	64.	Review/ Assessment	Do
44.	01.04.20 Wednesday	<b>Lymph vascular system:</b> Component parts, Lymphoid organs, Large lymph vessels, Factors responsible for lymph flow, Organs devoid of lymphatic supply	65	Dissection	Removal of the limb: Acromioclavicular & Shoulder joint
45.	02.04.20 Thursday	Histology of lymph node, spleen, Tonsil and Thymus, Cells of the lymphoid organs.	66.	Dissection	Superficial dissection the upper limb, back and scapular region.
46.	03.04.20 Friday	Review/ Assessment	67.	Review/ Assessment	Do
	<b>04.04.20 Saturday</b>	<b>Weekly Holiday</b>			
	05.04.20 Sunday	<b>Integrated Teaching-(III) Lung</b>	68.	Histology Practical	Respiratory system
47.	06.04.20 Monday	Systemic histology: Respiratory system.	69.	Dissection	Front of the arm and forearm, the hand.
	07.04.20 Tuesday	-----	70.	Review/ Assessment	Do
48.	08.04.20 Wednesday	Systemic Histology: Cardiovascular system.	71.	Demonstration	Back of the arm and forearm, the hand.
	<b>09.04.20 Thursday</b>	<b>Sob-E-Barat</b>			
49.	10.04.20 Friday	Review/ Assessment	72.	Dissection	Do
	<b>11.04.20 Saturday</b>	<b>Weekly Holiday</b>			
50.	12.04.20 Sunday	Human Genetics: Terms and definitions, Gene locus, Genome, Genotype, Phenotype, Mendel's laws of inheritance	73.	Review/ Assessment	Do
	13.04.20 Monday	Pending item	74.	Histology Practical	Respiratory system Review/Assessment
	<b>14.04.20 Tuesday</b>	<b>POHELA BOISHAKH</b>			

Class no	Date and day	Topic	Class No	Type of Class	Topic
51.	15.04.20 Wednesday	Chromosomes, Structures, Types, Biochemical nature, Barr body and Lyon's hypothesis, Chromosomal disorders.	75.	Review/ Assessment	Joints of the upper limb.
52.	16.04.20 Thursday	DNA & RNA: Structures, Functions, Basic of protein synthesis.	76.	Demonstration	Living Anatomy and Sectional Anatomy.
53.	17.04.20 Friday	Allele, Homozygous & Heterozygous, Karyotyping, Recessive and Dominant Traits.	77.	Review/ Assessment	Do
.	<b>18.04.20 Saturday</b>	<b>Weekly Holiday</b>			
	19.04.20 Sunday	-----	78.	Demonstration	Cardiovascular system
	20.04.20 Monday	Pending item	79.	Histology Practical	Cardiovascular system.
	21.04.20 Tuesday	-----	80.	Demonstration	Radiology and Clinical Anatomy.
54	22.04.20 Wednesday	Principle of genetic engineering and cloning.	81.	Demonstration	Do
55.	23.04.20 Thursday	Review/ Assessment	82.	Review/ Assessment	Do
56.	24.04.20 Friday	Review of Superior Extremity	83.	Review/ Assessment	Superior Extremity.
	<b>25.04.20 Saturday</b>	<b>Weekly Holiday</b>			
	26.04.20 Sunday	Pending item	84.	Histology Practical	Cardiovascular system. Review/ Assessment
	<b>27.04.20 &amp; 28.04.20</b>	<b>Superior Extremity card completion Exam</b>			
	<b>29.04.20 &amp; 30.04.20</b>	<b>Preparatory time for the 1<sup>st</sup> term</b>			
	<b>01.05.20 Friday</b>	<b>Mayday</b>			
	<b>02.05.20 Saturday</b>	<b>Weekly Holiday</b>			
	<b>03.05.20 To 15.05.20</b>	<b>1<sup>st</sup> Term Exam</b> (The result of the 1 <sup>st</sup> Term Exam will be published within a week of end of the Exam)			
	<b>16.05.20 Saturday</b>	<b>Weekly Holiday</b>			

**ACADEMIC CALENDAR OF ANATOMY**  
**(In details for the students of Session: 2019-2020, 21<sup>st</sup> Batch MBBS)**  
**2<sup>nd</sup> Term**

**Duration:** May/2020---October/2020

**Second Term Final Exam:** 3<sup>rd</sup> and 4<sup>th</sup> week of October/2020

**Details of Lecture/Review  
/Assessment Classes**

**Details of Classes of small group teaching  
(Abdomen ,Inferior extremity and Histology-1 Cards)**

Class no	Date and day	Topic	Class No	Type of Class	Topic
1.	17.05.20 Sunday	General Histology: Muscle tissue- Skeletal, Cardiac and smooth muscles	1.	Tutorial	Anterior abdominal wall and hernia sites.
	18.05.20 Monday	-----	2.	Dissection	Do
2.	19.05.20 Tuesday	Histological differences among muscles, Innervations, Motor unit	3.	Review/ Assessment	Do
3	20.05.20 Wednesday	Review/ Assessment	4.	Demonstration	Stomach abdominal part of the oesophagus and celiac artery.
	<b>21.05.20 Thursday</b>	<b>Sob-E-Qadar</b>			
	<b>From 22.05.20</b>	<b>Holiday of Eid-ul-Fitr</b>			
4.	29.05.20 Friday	Systemic Histology: Lymphoid organs: Primary-Bone marrow and Thymus	5.	Dissection	Do
	<b>30.05.20 Saturday</b>	<b>Weekly holiday</b>			
5.	31.05.20 Sunday	Mucosa associated lymphoid tissue (MALT): Tonsil, Payer's patches solitary lymphatic nodule etc.	6.	Review/ Assessment	Stomach abdominal part of the oesophagus and celiac artery.
.	01.06.20 Monday	-----	7.	Review/ Assessment	Do
6.	02.06.20 Tuesday	Lymph vessels	8.	Demonstration	Duodenum, Pancreas and Spleen
7.	03.06.20 Wednesday	Systemic Histology: Digestive system: Digestive tract	9.	Dissection	Do
8.	04.06.20 Thursday	Systemic Histology: Digestive System: Digestive tract	10.	Review/ Assessment	Do
	05.06.20 Friday	Pending Item	11.	Histology Practical	Muscle tissue
	<b>06.06.20 Saturday</b>	<b>Weekly Holiday</b>			

Class no	Date and day	Topic	Class No	Type of Class	Topic
	07.06.20 Sunday	Pending item	12.	Histology Practical	Muscle tissue Review/Assessment
9.	08.06.20 Monday	Liver	13.	Review/ Assessment	The mesentery and mesenteric vessels, Jejunum and ileum.
.	09.06.20 Tuesday	-----	14.	Demonstration	Large intestine
10.	10.06.20 Wednesday	Pancreas	15.	Review/ Assessment	Do
11.	11.06.20 Thursday	Exocrine salivary glands	16.	Demonstration	Rectum and anal canal
12.	12.06.20 Friday	Endocrine glands: Pituitary gland	17.	Dissection	Do
	<b>13.06.20 Saturday</b>	<b>Weekly Holiday</b>			
	14.06.20 Sunday	Pending Item	18.	Histology Practical	Digestive and Hepatobiliary system
13.	15.06.20 Monday	Thyroid, Parathyroid and Suprarenal glands	19.	Review/ Assessment	Rectum and anal canal
	16.06.20 Tuesday	-----	20.	Demonstration	Liver with biliary apparatus and portal vein.
14.	17.06.20 Wednesday	Urinary System: Kidneys and Ureters.	21.	Dissection	Do
15.	18.06.20 Thursday	Urinary bladder and Urethra	22.	Review/ Assessment	Do
16.	19.06.20 Friday	Review/ Assessment	23.	Demonstration	Kidney, Suprarenal glands and ureters.
	<b>20.06.20 Saturday</b>	<b>Weekly Holiday</b>			
	21.06.20 Sunday	Pending item.	24.	Histology Practical	Digestive and Hepatobiliary system. Review/ Assessment
17.	22.06.20 Monday	Male reproductive system: Testis and Epididymis	25.	Dissection	Kidney, Suprarenal glands and ureters
	23.06.20 Tuesday	-----	27.	Review/ Assessment	Do

Class no	Date and day	Topic	Class No	Type of Class	Topic
18.	24.06.20 Wednesday	Vas deferens, Seminal vesicle, Prostate and Penis.	28.	Demonstration	Urinary bladder and urethra, pelvis.
19.	25.06.20 Thursday	Female reproductive system: Uterus, Vagina	29.	Dissection	Urinary bladder and urethra, pelvis.
20.	26.06.20 Friday	Ovary and Uterine tube	30.	Review/ Assessment	Do
	<b>27.06.20 Saturday</b>	<b>Weekly Holiday</b>			
	28.06.20 Sunday	<b>Integrated Teaching- (IV) Hepatobiliary system</b>	31.	Histology Practical	Urinary system
21.	29.06.20 Monday	Review/ Assessment	32.	Demonstration	Ovaries, uterine tubes, Uterus, Vagina, Female external genital organs and perineum.
	30.06.20 Tuesday	-----	33.	Dissection	Do
22.	01.07.20 Wednesday	General Embryology: Foetal membranes: Placenta	34.	Dissection	Do
23.	02.07.20 Thursday	Chorion, Amnion, Amniotic fluid, Umbilical cord, yolk sac etc.	35.	Review/ Assessment	Do
24.	03.07.20 Friday	Twins Teratology	36.	Review/ Assessment	Do
	<b>04.07.20 Saturday</b>	<b>Weekly Holiday</b>			
	05.07.20 Sunday	Pending Item	37.	Histology Practical	Urinary system
25.	06.07.20 Monday	Human Evolution, Molecular regulation and Cell signaling	38.	Demonstration	Testis, Epididymis, Vas deferens, Seminal vesicles, Prostate and Male external genital organs.
	07.07.20 Tuesday	-----	39.	Dissection	Do
26.	08.07.20 Wednesday	Review/ Assessment	40.	Dissection	Do
27.	09.07.20 Thursday	Systemic Embryology: Skeletal system and vertebral column.	41.	Review/ Assessment	Do
28.	10.07.20 Friday	Muscular system	42.	Review/ Assessment	Do
	<b>11.07.20 Saturday</b>	<b>Weekly Holiday</b>			
	<b>12.07.20 to 17.07.20</b>	<b>Cultural (Student) Week</b>			

Class no	Date and day	Topic	Class No	Type of Class	Topic
	<b>18.07.20 Saturday</b>	<b>Weekly Holiday</b>			
	19.07.20 Sunday	Pending item	43.	Histology Practical	Urinary System Review/ Assessment
28.	20.07.20 Monday	Development of Upper and Lower limbs	44.	Dissection	Muscles, blood vessels, Lymphatics and nerves of posterior abdominal wall.
	21.07.20 Tuesday	-----	45.	Review/ Assessment	Do
29.	22.07.20 Wednesday	Review/ Assessment	46.	Demonstration	Hip bones, Sacrum, Lumbar vertebrae and bony pelvis
30.	23.07.20 Thursday	Systemic Embryology: Respiratory system	47.	Dissection	Do
31.	24.07.20 Friday	Review/ Assessment	48.	Review/ Assessment	Do
	<b>25.07.20 Saturday</b>	<b>Weekly Holiday</b>			
	26.07.20 Sunday	Integrated Teaching- (V) Kidney	49.	Histology Practical	Male reproductive organs.
32.	27.07.20 Monday	Cardiovascular system: Development of heart	50.	Demonstration	Living Anatomy
	28.07.20 Tuesday	-----	51.	Demonstration	Do
33.	29.07.20 Wednesday	Formation of the cardiac septa	52.	Demonstration	Do
	<b>From 30.07.20</b>	<b>Holiday of Eid-ul-Adha</b>			
	<b>08.08.20 Saturday</b>	<b>Weekly Holiday</b>			
34.	09.08.20 Sunday	Formation of the conducting system of the heart with Anomalies	53.	Review/ Assessment	Do
35.	10.08.20 Monday	Development of blood vessels.	54.	Review/ Assessment	Do
	<b>11.08.20 Tuesday</b>	<b>Holiday of Janmastomy</b>			
36.	12.08.20 Wednesday	Development of Coelomic cavity and The Diaphragm	55.	Demonstration	Radiology
37.	13.08.20 Thursday	Review/ Assessment	56.	Review/ Assessment	Do
38.	14.08.20 Friday	Review/ Assessment	57	Review/ Assessment	Do
	<b>15.08.20 Saturday</b>	<b>National Mourning Day</b>			
	16.08.20 Sunday	Pending item		Review/ Assessment	Do
	<b>17.08.20 To 20.08.20</b>	<b>Abdomen Card Completion Examination</b>			

Class no	Date and day	Topic	Class No	Type of Class	Topic
	21.08.20 Friday	Pending item	58	Histology Practical	Male reproductive organs. Review/ Assessment
	<b>22.08.20 Saturday</b>	<b>Weekly Holiday</b>			
39.	23.08.20 Sunday	Review/ Assessment	59.	Dissection	Do
40.	24.08.20 Monday	Development of Skin and Mammary glands	60.	Demonstration	Bones of the Inferior extremity: Femur and patella.
	25.08.20 Tuesday	-----	61.	Dissection	Femur and patella.
41.	26.08.20 Wednesday	Urinary system: Development of kidney and Ureter	62.	Review/ Assessment	Femur and patella.
42.	27.08.20 Thursday	Urinary bladder and urethra	63.	Demonstration	Tibia Fibula
43.	28.08.20 Friday	Review/ Assessment	64.	Dissection	Do
	<b>29.08.20 Saturday</b>	<b>Weekly Holiday</b>			
	<b>30.08.20 Sunday</b>	<b>Holiday of Ashura</b>			
44.	31.08.20 Monday	Development of male reproductive organs.	65.	Review/ Assessment	Tibia Fibula.
	01.09.20 Tuesday	-----	66.	Dissection	Front and medial side of the thigh
45.	02.09.20 Wednesday	Development of male reproductive organs.	67.	Dissection	Do
46.	03.09.20 Thursday	Do	68.	Review/ Assessment	Do
47.	04.09.20 Friday	Review/ Assessment	69.	Dissection	Gluteal region and back of the thigh
	<b>05.09.20 Saturday</b>	<b>Weekly Holiday</b>			
	06.09.20 Sunday	Pending item	70.	Histology Practical	Female reproductive organs.
48.	07.09.20 Monday	Development of female reproductive organs.	71.	Dissection	Gluteal region and back of the thigh
	08.09.20 Tuesday	-----	72.	Review/ Assessment	Do
49.	09.09.20 Sunday	Pending item	73.	Histology Practical	Female reproductive organs.
50.	10.09.20 Thursday	Development of female reproductive organs.	74.	Dissection	Hip joint and removal of the lower limb.
51.	11.09.20 Friday	Review/ Assessment	75.	Review/ Assessment	Do
	<b>12.09.20 Saturday</b>	<b>Weekly Holiday</b>			
	13.09.20 Sunday	Integrated Teaching- (VI) Pancreas	76.	Histology Practical	Female reproductive organs. Review/ Assessment



Class no	Date and day	Topic	Class No	Type of Class	Topic
52.	14.09.20 Monday	Systemic Histology: Integumentary system-Skin, Hair and Nails.	77.	Dissection	Front of the leg and dorsum of the foot.
	15.09.20 Tuesday	-----	78.	Review/ Assessment	Do
53.	16.09.20 Wednesday	Mammary glands sweat and sebaceous glands.	79.	Dissection	Lateral and medial side and back of the leg including popliteal fossa and sole of the foot.
54.	17.09.20 Thursday	Review/ Assessment	80.	Dissection	Popliteal fossa and sole of the foot.
55.	18.09.20 Friday	Neuroanatomy: Nervous system-Parts	81.	Review/ Assessment	Do
	<b>19.09.20 Saturday</b>	<b>Weekly Holiday</b>			
	20.09.20 Sunday	Pending item	82.	Histology Practical	Lymphatic organs.
56.	21.09.20 Monday	Somatic nervous system	83.	Demonstration	Knee, ankle and tibiofibular joints.
	22.09.20 Tuesday	-----	84.	Dissection	Do
57.	23.09.20 Wednesday	Review/Assessment	85.	Review/ Assessment	Do
58.	24.09.20 Thursday	Autonomic nervous system: Sympathetic	86.	Demonstration	Joints and arches of the foot.
59.	25.09.20 Friday	Parasympathetic nervous system	87.	Dissection	Do
	<b>26.09.20 Saturday</b>	<b>Weekly Holiday</b>			
	27.09.20 Sunday	Pending item	88.	Histology Practical	Lymphatic organs Review/ Assessment
60.	28.09.20 Monday	Autonomic nerve plexus and ganglia, Review/ Assessment	89.	Review/ Assessment	Joints and arches of the foot.
	29.09.20 Tuesday	-----	90.	Demonstration	Living Anatomy
61.	30.09.20 Wednesday	Review/ Assessment	91.	Review/ Assessment	Do
62.	01.10.20 Thursday	Overview of the Inferior extremity	92.	Demonstration	Radiology and Clinical anatomy
63.	02.10.20 Friday	Do	93.	Review/ Assessment	Do
	<b>03.10.20 Saturday</b>	<b>Weekly Holiday</b>			
	<b>04.10.20 to 06.10.20</b>	<b>Inferior Extremity Card Completion Exam</b>			
	<b>07.10.20 To 10.10.20</b>	<b>Preparatory time for 2<sup>nd</sup> term exam</b>			
	<b>11.10.20 To 23.10.20</b>	<b>2<sup>nd</sup> term Exam</b> (The result of the 2 <sup>nd</sup> Term Exam will be published within a week of end of the Exam)			
	<b>25.10.20 To 27.10.20</b>	<b>Holiday of Durga Puja</b>			

## ACADEMIC CALENDAR OF ANATOMY

### 3<sup>rd</sup> Term

**Duration:** November/2020---February/2021

**Third Term Final Exam:** 3<sup>rd</sup> and 4<sup>th</sup> week of February/2021.

#### Details of Lecture/Review

#### Details of Classes of small group teaching

#### /Assessment Classes

#### (Head Neck, Brain Eyeball and Histology-III Cards)

Class no	Date and day	Topic	Class No	Type of Class	Topic
1	01.11.20 Sunday	Integrated Teaching-(VII) Adrenal gland	1.	Histology Practical	Nervous tissue in general
	02.11.20 Monday	Systemic Embryology: Development of face and neck with anomalies.	2.	Demonstration	Bones of head and neck: Frontal
	03.11.20 Tuesday	-----	3.	Demonstration	Parietal bones
2.	04.11.20 Wednesday	Formation and derivatives of Pharyngeal arches, Pouches and clefts	4.	Demonstration	Maxilla
3.	05.11.20 Thursday	Development of Tongue, Thyroid and Parathyroid glands with anomalies.	5.	Demonstration	Mandible
4.	06.11.20 Friday	Review/ Assessment	6.	Review/ Assessment	Do
	<b>07.11.20 Saturday</b>	<b>Weekly Holiday</b>			
	08.11.20 Sunday	Pending item	7.	Histology Practical	Nervous tissue in general Review Assessment
	09.11.20 Monday	Eid-E-Miladunnabi			
	10.11.20 Tuesday	-----	8.	Demonstration	Temporal bone
5.	11.11.20 Wednesday	Development of the Pituitary, Suprarenal and Mammary glands.	9.	Demonstration	Occipital bone and Cervical vertebrae
6.	12.11.20 Thursday	Review/ Assessment	10.	Dissection	Do
7.	13.11.20 Friday	Introduction to Nervous system: Parts of the nervous system	11.	Review/ Assessment	Do
	<b>14.11.20 Saturday</b>	<b>Weekly Holiday</b>			
	15.11.20 Sunday	Pending item	12.	Histology Practical	Nervous system: Cerebral cortex, Cerebellum and Spinal cord.

Class no	Date and day	Topic	Class No	Type of Class	Topic
8.	16.11.20 Monday	General Histology: Nerve Tissue: Neurons.	13.	Demonstration	Base of the skull and Joints of head and neck.
	17.11.20 Tuesday	-----	14.	Demonstration	Do
9.	18.11.20 Wednesday	Neuroglia	15.	Review/ Assessment	Do
10.	19.11.20 Thursday	Review of neuron and neuroglia	16.	Dissection	Scalp and Temporal region,
11.	20.11.20 Friday	Nerve fibres: Structure Classifications Myelination Degeneration, Regeneration	17.	Review/ Assessment	Do
	<b>21.11.20 Saturday</b>	<b>Weekly Holiday</b>			
	22.11.20 Sunday	Pending item	18.	Histology Practical	Nervous system: Cerebral cortex, Cerebellum and Spinal cord.
12.	23.11.20 Monday	Receptors: Structure Classifications Location and Functions.	19.	Dissection	Face and Orbit
	24.11.20 Tuesday	-----	20	Review/ Assessment	Do
13	25.11.20 Wednesday	Synapse: Structure Classification And Functions Cranial nerves and Autonomic nervous system.	21.	Dissection	Anterior triangle and Submandibular region.
14.	26.11.20 Thursday	Review/ Assessment	22.	Dissection	Do
15.	27.11.20 Friday	Development of nervous system: Brain and Spinal cord.	23.	Review/ Assessment	Do
	<b>28.11.20 Saturday</b>	<b>Weekly Holiday</b>			
	29.11.20 Sunday	Pending item	24.	Histology Review/ Assessment	Nervous system: Cerebral cortex, Cerebellum and Spinal cord.
16.	30.11.20 Monday	Development of Special sense organs: Eye, Ear and Nose.	25.	Review/ Assessment	Anterior triangle and submandibular region.
	01.12.20 Tuesday	-----	26.	Dissection	Posterior and suboccipital triangle
17.	02.12.20 Wednesday	Development of the Eye	27.	Review/ Assessment	Do
18.	03.12.20 Thursday	Development of the Ear	28.	Review/ Assessment	Do
19.	04.12.20 Friday	Review/ Assessment	29.	Demonstration	Mouth, Tongue and Pharynx.
	<b>05.12.20 Saturday</b>	<b>Weekly Holiday</b>			

Class no	Date and day	Topic	Class No	Type of Class	Topic
	06.12.20 Sunday	Integrated Teaching- (VIII) Thyroid and Parathyroid gland	30.	Histology Practical	Exocrine glands- Mammary and Salivary glands.
20	07.12.20 Monday	Review/ Assessment	31.	Dissection	Mouth, Tongue and Pharynx
	08.12.20 Tuesday	-----	32.	Review/ Assessment	Mouth, Tongue and Pharynx
21	09.12.20 Wednesday	Meninges-Pia, Arachnoid and Dura mater. Extension, Folds, Spaces, Nerve supply and Blood supply	33.	Review/ Assessment	Do
22.	10.12.20 Thursday	Review/ Assessment	34.	Demonstration	Nose, Paranasal air sinuses and Larynx.
23.	11.12.20 Friday	Ventricles of brain	35.	Dissection	Do
	<b>12.12.20 Saturday</b>	<b>Weekly Holiday</b>			
	13.12.20 Sunday	Pending item	36.	Histology Review/ Assessment	Exocrine glands- Mammary and Salivary glands.
24.	14.12.20 Monday	Cerebrospinal fluid (CSF)	37.	Review/ Assessment	Do
25.	15.12.20 Tuesday	Review/ Assessment	38.	Dissection	Deep dissection of the back.
	<b>16.12.20 Wednesday</b>	<b>Victory day</b>			
26.	17.12.20 Thursday	Motor system: Cerebrum- Lobes, Gyri, Sulci	39.	Review/ Assessment	Do
27.	18.12.20 Friday	Functional Areas, Blood supply	40.	Demonstration	Exocrine and Endocrine glands of head and neck.
	<b>19.12.20 Saturday</b>	<b>Weekly Holiday</b>			
	20.12.20 Sunday	Pending item	41.	Histology Practical	Endocrine glands: Pituitary, Thyroid, Parathyroid and Suprarenal glands.
28.	21.12.20 Monday	Review/ Assessment	42.	Dissection	Exocrine and Endocrine glands of head and neck.
29.	22.12.20 Tuesday	Pyramidal and Extra pyramidal system	43.	Review/ Assessment	Do
30.	23.12.20 Wednesday	Basal nuclei: locations, parts, artery supply, functions, clinical conditions.	44.	Demonstration	Organs of hearing and equilibrium
	24.12.20 Thursday	-----	45.	Review/ Assessment	Do
	<b>25.12.20 Friday</b>	<b>Christmas day</b>			

Class no	Date and day	Topic	Class No	Type of Class	Topic
	<b>26.12.20 Saturday</b>	<b>Weekly Holiday</b>			
	27.12.20 Sunday	Pending item	46.	Histology Review/ Assessment	Endocrine glands: Pituitary, Thyroid, Parathyroid and Suprarenal glands.
31.	28.12.20 Monday	Review/ Assessment	47.	Demonstration	Organs of hearing and equilibrium.
	29.12.20 Tuesday	Pending item	46.	Histology Review/ Assessment	Deep dissection of the back..
32.	30.12.20 Wednesday	Diencephalon: Parts and Functions.	49.	Review/ Assessment	Do
33.	31.12.20 Thursday	Review/ Assessment	50.	Demonstration	Living Anatomy

**From the 1<sup>st</sup> January 2020 the students will follow the Routine of 2<sup>nd</sup> year MBBS.**

Class no	Date and day	Topic	Class No	Type of Class	Topic
34.	01.01.21 Friday	Cerebellum: Parts, Functions, Blood supply, Clinical conditions	51	Review/ Assessment	Do
	<b>02.01.21 Saturday</b>	<b>Weekly Holiday</b>			
	03.01.21 Sunday	Integrated Teaching- (IX) Pituitary gland	52	Demonstration	Radiology and Clinical anatomy
35.	04.01.21 Monday	Cerebellum: Parts, Functions, Blood supply, Clinical conditions.	53.	Histology Practical	Skin and Special sense organs.
36.	05.01.21 Tuesday	Review/ Assessment	54.	Demonstration	Radiology and Clinical anatomy
	06.01.21 Wednesday	-----	55.	Review/ Assessment	Do
37.	07.01.21 Thursday	Brain stem: Blood supply, Cross sections at different levels	56.	Review/ Assessment	Do
38.	08.01.21 Friday	Brain stem: Blood supply, Cross sections at different level	57.		
	<b>09.01.21 Saturday</b>	<b>Weekly Holiday</b>			
	10.01.21 To 12.01.21	<b>Head and Neck Card Completion Exam.</b>			
39.	13.01.21 Wednesday	Review/ Assessment	58.	Demonstration	General introduction of the nervous system, cranial cavity and orbit.
40.	14.01.21 Thursday	Reticular formation, Limbic system.	59.	Demonstration	General examination of the brain with its nerve attachment and meninges.

Class no	Date and day	Topic	Class No	Type of Class	Topic
41.	15.01.21 Friday	-----	60.	Review/ Assessment	Do
	<b>16.01.21 Saturday</b>	<b>Weekly Holiday</b>			
42.	17.01.21 Sunday	Pending item	61.	Review/ Assessment	Cerbrum.
43.	18.01.21 Monday	Sensory cranial nerves. Smell, Visual and Auditory pathways.	62.	Histology Practical	Endocrine glands: Pituitary, Thyroid, Parathyroid and Suprarenal glands.
44.	19.01.21 Tuesday	Review/ Assessment	63.	Demonstration	Diencephalon and Pituitary gland:
	20.01.21 Wednesday	-----	64.	Dissection	Diencephalon and Pituitary gland:
45.	21.01.21 Thursday	Spinal Cord: Length, Extension, Enlargement, Blood supply.	65.	Review/ Assessment	Do
46.	22.01.21 Friday	Cross-sections of Spinal cord at different levels	66.	Dissection	Basal nuclei, Internal capsule and Limbic system.
	<b>23.01.21 Saturday</b>	<b>Weekly Holiday</b>			
	24.01.21 Sunday	Pending item	67.	Review/ Assessment	Basal nuclei, Internal capsule and Limbic system.
47.	25.01.21 Monday	Cross-sections of Spinal cord at different levels	68.	Histology Practical	Over all Review of Histology
48.	26.01.21 Tuesday	Review/ Assessment	69.	Demonstration	Brain stem, Reticular formation and Cerebellum.
	27.01.21 Wednesday	-----	70.	Dissection	Do
49.	28.01.21 Thursday	Sensory system: Dermatome and Axial line. Ascending tracts of spinal cord.	71.	Review/ Assessment	Do
50.	29.01.21 Friday	Different special sensory pathways	72.	Dissection	Ventricles and Cerebrospinal fluid (CSF)
	<b>30.01.21 Saturday</b>	<b>Weekly Holiday</b>			
	31.01.21 Sunday	Pending item	73.	Review/ Assessment	Ventricles and Cerebrospinal fluid (CSF)
51.	01.02.21 Monday	Different special sensory pathways	74.	Histology Practical	Over all Review of Histology

Class no	Date and day	Topic	Class No	Type of Class	Topic
52.	02.02.21 Tuesday	Review/ Assessment	75.	Demonstration	Spinal Cord
	03.02.21 Wednesday	-----	76.	Dissection	Do
53.	04.02.21 Thursday	Brachial plexus, Dermatome: Dermatome of the upper limb.	77.	Review/ Assessment	Do
54.	05.02.21 Friday	Lumber plexus and Sacral plexus	78.	Demonstration	Visual apparatus including the Eyeball
	<b>06.02.21 Saturday</b>	<b>Weekly Holiday</b>			
	07.02.21 Sunday	Integrated Teaching-(X) Sensory and Motor system.	79.	Dissection	Visual apparatus including the Eyeball
55.	08.02.21 Monday	Review/ Assessment	80.	Histology Practical	Over all Review of Histology
56.	09.02.21 Tuesday	Review/ Assessment	81.	Review/ Assessment	Visual apparatus including the Eyeball
	10.02.21 Wednesday	-----	82.	Demonstration	Living anatomy, Anatomy of Radiology and Clinical anatomy
57.	11.02.21 Thursday	Review/ Assessment	83.	Review/ Assessment	Do
	12.02.21 Friday	Pending item		Review/ Assessment	Do
	<b>13.02.21 Saturday</b>	<b>Weekly Holiday</b>			
	<b>14.02.21 &amp; 15.02.21</b>	<b>CNS and Eyeball Card Completion Exam.</b>			
	<b>16.02.21 To 20.02.21</b>	<b>Preparatory time for the 3<sup>rd</sup> Term Exam.</b>			
	<b>21.02.21 Sunday</b>	<b>International Mother Language Day</b>			
	<b>22.02.21 To 05.03.21</b>	<b>3<sup>rd</sup> Term Exam (The result of the 3<sup>rd</sup> Term Exam will be published within a week of end of the Exam)</b>			
	<b>06.03.21 Saturday</b>	<b>Weekly Holiday</b>			
	<b>07.03.21 to 31.03.21</b>	<b>Review/ Pending item/Supple Exam.</b>			
	<b>01.04.21 to 30.04.21</b>	<b>Preparatory time for the 1<sup>st</sup> Professional MBBS Examination</b>			
	<b>01.05.21 Saturday</b>	<b>May Day</b>			
	<b>From 02.05.21</b>	<b>Time for 1<sup>st</sup> Professional MBBS Examination (Regular)</b>			

