

# STUDY GUIDE FOR STUDENTS

DEPARTMENT OF ANATOMY  
AIMC

ABBOTTABAD INTERNATIONAL MEDICAL INSTITUTE

## **Anatomy Department**

### **INTRODUCTION**

The subject of Anatomy is one of the basic subjects of medical sciences which is taught in the first and second year of MBBS program. The courses within the domain of Anatomy include General Anatomy, Histology or Microscopic Anatomy, Embryology or Developmental Anatomy, Regional or Gross Anatomy and Neuroanatomy. The department offers a modern integrated teaching system for students. The teaching hours are in accordance with the recommendations of Pakistan Medical and Dental Council. Our teaching methodology includes large group interactive sessions, case based learning sessions, dissection/ demonstrations and practical's.

### **OBJECTIVES**

- To offer educational opportunities and convey emerging scientific knowledge to the students that contributes to improve personal development and professional fulfillment.
- To maintain the highest standards of ethical and professional conduct.
- To provide the students with a thorough introduction of the characteristics, structure, development, function and clinical significance of the human body.
- To recognize anatomical structures, appreciate their developmental processes and apply their knowledge of anatomy to the cases that they will encounter during their clinical training and future careers as medical practitioners.

The Anatomy Department of AIM College is comprised of:

#### **DISSECTION HALL(OPTIONAL)**

#### **ANATOMY MUSEUM**

It is well equipped with models of Gross anatomy, Embryology, Histology and Neuroanatomy. It has X-rays and cross-sectional models for teaching radiological and cross-sectional anatomy. Articulated and disarticulated skeletons with a bone bank is also available.

### **HISTOLOGY LABORATORY**

The department is equipped with a furnished, spacious and well ventilated histology laboratory with 15 binocular microscopes and a slide projecting microscope with LED screen for demonstration of histological slides to the students.

## INTRODUCTION OF ANATOMY DEPARTMENT

IT IS LOCATED ON GROUND FLOOR.IT CONSISTS OF TWO OFFICES AND A HISTOLOGY LAB,ONE MUSEM AND DISSECTION HALL.ONE OFFICES FOR HOD DR RASHEED AHMAD.ONE FOR OTHER FACULTY MEMBERS .LAB AND MUSEM ISWELLEQUIPPEDWITH REQUIRED INSTRUMENTS ANDIS SPACIOUS AND WELL VENTILATED.

DR RASHID AHMAD.  
HOD ANATOMY DEPARTMENT

Introduction to Anatomy – Subject

### Introduction

The term *human anatomy* comprises a consideration of the various structures which make up the human organism. In a restricted sense it deals merely with the parts which form the fully developed individual and which can be rendered evident to the naked eye by various methods of dissection. Regarded from such a standpoint it may be studied by two methods: (1) the various structures may be separately considered—systematic anatomy; or (2) the organs and tissues may be studied in relation to one another—topographical or regional anatomy.

It is, however, of much advantage to add to the facts ascertained by naked-eye dissection those obtained by the use of the microscope. This introduces two fields of investigation, viz., the study of the minute structure of the various component parts of the body—histology—and the study of the human organism in its immature condition, *i. e.*, the various stages of its intrauterine development from the fertilized ovum up to the period when it assumes an independent existence—embryology. Owing to the difficulty of obtaining material illustrating all the stages of this early development, gaps must be filled up by observations on the development of lower forms—comparative embryology, or by a consideration of adult forms in the line of human ancestry—comparative anatomy. The direct application of the facts of human anatomy to the various pathological conditions which may occur constitutes the subject of applied anatomy. Finally, the appreciation of structures on or immediately underlying the surface of the body is frequently made the subject of special study—surface anatomy.

SYSTEMATIC ANATOMY.—The various systems of which the human body is composed are grouped under the following headings:

Osteology—the bony system or skeleton.

Syndesmology—the articulations or joints.

**Myology**—the muscles. With the description of the muscles it is convenient to include that of the fasciæ which are so intimately connected with them.

**Angiology**—the vascular system, comprising the heart, bloodvessels, lymphatic vessels, and lymph glands.

**Neurology**—the nervous system. The organs of sense may be included in this system.

**Splanchnology**—the visceral system. Topographically the viscera form two groups, viz., the thoracic viscera and the abdomino-pelvic viscera. The heart, a thoracic viscus, is best considered with the vascular system. The rest of the viscera may be grouped according to their functions: (a) the respiratory apparatus; (b) the digestive apparatus; and (c) the urogenital apparatus.

Strictly speaking, the third subgroup should include only such components of the urogenital apparatus as are included within the abdomino-pelvic cavity, but it is convenient to study under this heading certain parts which lie in relation to the surface of the body, *e. g.*, the testes and the external organs of generation.





# Syllabus for Students

## **DETAILS OF COURSES FOR MBBS ALL DISCIPLINES**

### **SYLLABUS FOR 1ST PROFESSIONAL PART-I&II**

#### **PART-I**

#### **A. ANATOMY**

##### **GENERAL ANATOMY**

1. Brief history of Anatomy. Different disciplines of the subject
2. Anatomical nomenclature-descriptive terms
3. Skeletal system-bones
  - Axial skeleton
  - Appendicular skeleton
  - Functions of bone
  - Classification on the basis of shape, development, region and structure
  - General concepts of development & ossification of bones
  - Parts of young bone
  - Blood supply
  - Properties of bones and cartilages
  - Applied aspects
4. Joints
  - Structural classification
  - Regional classification
  - Functional classification
  - Characteristics and classification of Synovial joints
  - Movements of Synovial joints
  - Anatomy of joints with reference to dislocation, sprain and inflammation
5. Muscle
  - Parts of a muscle
  - Classification
  - Blood supply and nerve supply of muscle
  - Neuromuscular junction
  - Applied anatomy of muscle with reference to spasm, paralysis, atrophy and regeneration
6. Cardiovascular system
  - Heart & Blood vessels
  - Types of circulation
  - Anastomoses
7. Lymphatic system
  - Introduction
  - Lymph capillaries
  - Lymph Vessels
  - Lymph nodes
  - Main channels

8. Somatic Nervous system

- Introduction
- Different parts of Central Nervous System (CNS) with their brief functions
- Peripheral nervous system (cranial and spinal nerves) — introduction

9. Autonomic nervous system

- Introduction to parasympathetic and sympathetic nervous system

10. Skin and fasciae

- Parts of skin
- Appendages of skin
- Types of fasciae

11. Embalming & museum keeping

GROSS ANATOMY

1. Upper limb
2. Lower limb
3. Thorax

GENERAL HISTOLOGY

• Histology will be taught concurrently with Anatomy throughout the course. Underlying principles of histological techniques and staining should be given due consideration. Most of teaching will be done on stained and mounted sections and every type of normal tissue will be covered.

1. Cell

- Cell as a whole
- Cell Membrane
- Interior of cell
- Nucleus

2. Microscopy

3. Epithelial tissues

4. Connective tissue proper

5. Cartilage

6. Bone

7. Muscular tissue

8. Nervous System

- Nervous tissue
- Cerebral cortex
- Cerebellar cortex
- Spinal cord

9. Lymphoid organs

10. Circulatory system

11. Integumentary system

12. Routine histological techniques

## GENERAL EMBRYOLOGY

Embryology should be taught with the object of making students understand and grasp those fundamental principles, which result in better comprehension of the structural organization in the body. Stress should be laid on those developmental processes such as growth and differentiation which have a direct bearing on clinical subjects. The genesis of congenital malformations should be one of the chief aims. All details should be kept on the essential outlines.

1. Male & female reproductive systems
2. Cell Division and Gametogenesis
3. Fertilization, cleavage, blastocyst formation and implantation
4. Development during second week
5. Development during third week
6. Embryonic period
7. Foetal period
8. Foetal membranes and Placenta
9. Introduction to genetics.
10. Teratogenesis

## PART-II Second Year

### ANATOMY

### SPECIAL EMBRYOLOGY

1. Head and Neck
  - Pharyngeal apparatus (including pharyngeal arches, pharyngeal pouches & pharyngeal clefts)
  - Tongue
  - Thyroid
  - Parathyroid
  - Thymus
  - Pituitary
  - Upper respiratory system
  - Face and palate
2. Body cavities
  - Development of body cavities
  - Formation of diaphragm
3. The respiratory system
4. The cardiovascular system
  - Heart
  - Great vessels
  - Foetal circulation and changes at birth
5. The urinary system
  - Development of Kidney
  - Urinary bladder
  - Urethra
  - Development of adrenal glands
6. The male reproductive system



- Testis
- Genital ducts
- External genitalia
- 7. The female reproductive system
  - Ovaries
  - Oviducts
  - Uterus
  - Vagina
  - External genitalia
- 8. The Musculo-skeletal system
  - Development of skeleton
  - Development of muscles
- 9. Development of Limbs
- 10. Development of Integumentary System (consisting of development of skin and its appendages and development of mammary glands)
- 11. Special Senses (eye and ear)
- 12. Nervous system
- 13. Digestive system
  - Division of Gut tube
  - Mesenteries
  - Liver, Gall bladder, Pancreas, Spleen

### GROSS ANATOMY

1. Head & neck
2. Brain and spinal cord
3. Abdomen and pelvis

### SPECIAL HISTOLOGY

- Digestive System
- Respiratory System
- Urinary System
- Male Reproductive System
- Female Reproductive System
- Endocrine Glands

- Organs of Special Senses

## NEURO-ANATOMY

- Spinal Cord
- Medulla Oblongata
- Pons
- Mid Brain
- Cerebellum
- Thalamus
- Hypothalamus
- Basal Ganglia
- Cerebral Cortex
- Autonomic Nervous System

During study of Gross Anatomy, emphasis should be given on applied aspect, radiological anatomy, surface anatomy and cross-sectional anatomy

## **SCHEME OF STUDIES**

### **PROFESSIONAL MBBS EXAMINATIONS**

#### **1. First Professional MBBS Part-I Examination:**

To be held at the end of the 1st year in the following subjects in course work completed in the first year:

##### **PART-I**

(a) Anatomy and Histology

One Paper: 90 Marks

Internal Evaluation 10 Marks

Oral & Practical 90 Marks

Internal Evaluation 10 Marks

Total 200 Marks

##### **PART-II**

(a) Anatomy and Histology

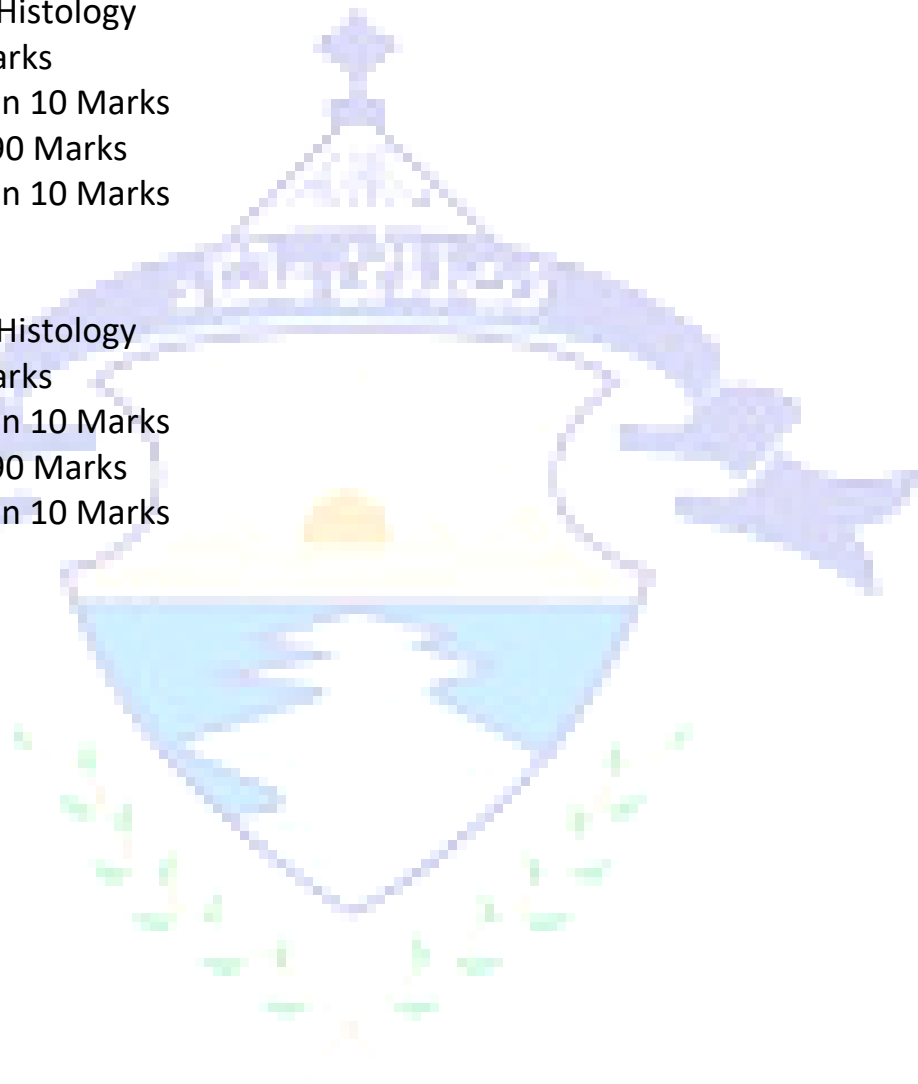
One Paper: 90 Marks

Internal Evaluation 10 Marks

Oral & Practical 90 Marks

Internal Evaluation 10 Marks

Total 200 Marks





**ABBOTTABAD INTERNATIONAL MEDICAL COLLEGE**  
**Time Table 2018**  
 1st Year MBBS

Days	08:00 - 09:00	09:00 - 10:00	10:00 - 10:30	10:30 - 11:30
<b>Monday</b>	Biochemistry	Physiology	<b>Break</b>	Dissection
<b>Tuesday</b>	Dissection	Dissection (Videos)		Physiology
<b>Wednesday</b>	Dissection	Dissection (Videos)		Biochemistry
<b>Thursday</b>	Dissection			G. Anatomy
<b>Friday</b>	Physiology	G. Anatomy		Biochemistry
<b>Saturday</b>	Dissection	Dissection (Videos)		Embryology

CC:

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NOTICE BOARD

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ALL CONCERNED DEPARTMENTS

**ABBOTTABAD INTERNATIONAL MEDICAL COLLEGE****Time Table 2018****2nd Year MBBS**

Days	08:00 to 09:10			10:00 - 10:30	10:30 - 11:30
Monday	A	B	C	Break	Physiology
	Biochemistry	Histology	Physiology		
Tuesday	08:00 - 09:00		09:00 - 10:00		A
	Biochemistry		Physiology		Physiology
Wednesday	08:00 - 09:00		09:00 - 10:00		10:30 - 11:30
	Physiology		Embryology		Histology
Thursday	08:00 to 10:00				10:30 - 11:30
	A	B	C		Physiology
	Histology	Physiology	Biochemistry		
Friday	08:00 - 09:00		09:00 - 10:00	10:00 - 11:00	
	Dissection		Dissection (Videos)	Gross Anatomy	
Saturday	08:00 - 09:00		09:00 - 10:00	Break	10:30 - 12:30
	Biochemistry		Physiology		Seminars/Tutorials Anatomy/Physiology (As per Separation) (Combined)

CC:

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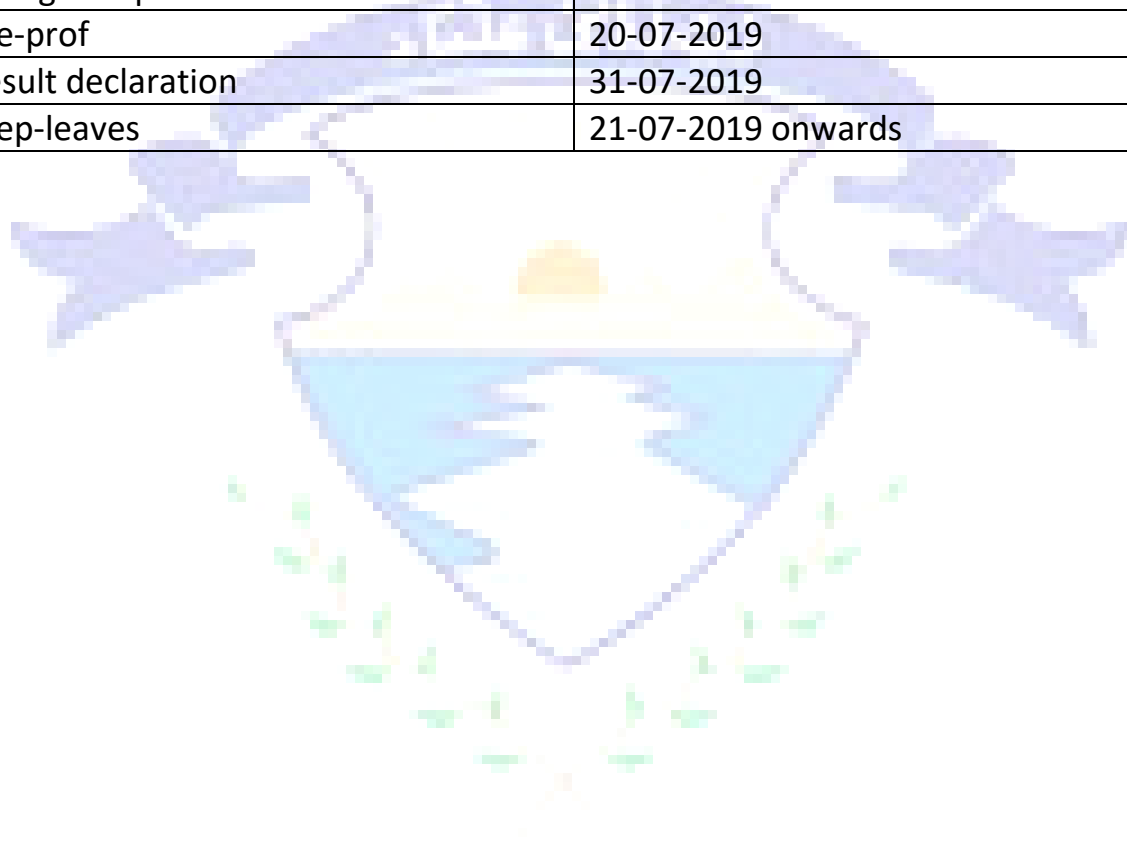
**DEPARTMENT OF ANATOMY**

**Academic Calendar**

**2010-2019**

**SECOND YEAR MBBS**

Commencement of classes	16-10-2018
Winter vacation	01-01-2019--28-02-2019
College reopened	01-03-2019
Midterms	23-05-2019--31-05-2019
Result declaration	10-06-2019
Eid holidays	05-05-2019—07-06-2019
College reopened	08-06-2019
Pre-prof	20-07-2019
Result declaration	31-07-2019
Prep-leaves	21-07-2019 onwards



ABBOTTABAD INTERNATIONAL MEDICAL INSTITUTE

Anatomy Department

2<sup>nd</sup> year MBBS

Histology Topics session 2018/19

Note. Weekly Histology Class Timings

Lecture: (Wednesday, 10:30 to 11:30 AM)

Practical's:

(Monday, 08:00 to 10:00 AM) Batch B

(Tuesday, 10:30 AM to 12:30 PM) Batch C

(Thursday, 08:00 to 10:00 AM) Batch A

WEEK (DAYS)	TOPIC	TEACHER
Week 1 (15/10 to 21/10/2018)	Classification of Glands	Dr. Faryal Mustafa
Week 2 (22/10 to 28/10/2018)	General Features of Alimentary Canal. Lips and Cheeks	Dr. Faryal Mustafa
Week 3 (29/10 to 04/11/2018)	Tongue. Teeth	Dr. Faryal Mustafa
Week 4 (05/11 to 11/11/2018)	Stomach	Dr. Faryal Mustafa
Week 5 (12/11 to 18/11/2018)	Small Intestine	Dr. Faryal Mustafa
Week 6 (19/11 to 25/11/2018)	Colon, Rectum. Appendix	Dr. Faryal Mustafa
Week 7 (26/11 to 02/12/2018)	Parotid Gland	Dr. Faryal Mustafa
Week 8 (03/12 to 09/12/2018)	Sublingual Gland. Submandibular Gland	Dr. Faryal Mustafa

Week 9 (10/12 to 16/12/2018)	Pancreas	Dr. Faryal Mustafa
Week 10 (17/12 to 23/12/2018)	Liver Gall Bladder	Dr. Faryal Mustafa
Week 11 (24/12 to 30/12/2018)	Kidney	Dr. Faryal Mustafa
Week 12 (04/03 to 10/03/2019)	Ureter	Dr. Mishal Khan & Dr. Natasha Khattak
Week 13 (11/03 to 17/03/2019)	Urinary bladder Urethra	Dr. Mishal Khan & Dr. Natasha Khattak



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Week 14 ( 18/03 to 23/03/2019)	Testes Epididymus Spermatozoa	Dr. Mishal Khan & Dr. Natasha Khattak
Week 15 (25/03 to 30/03/2019)	Ductus Deferens Seminal Vesicle	Dr. Mishal Khan & Dr. Natasha Khattak
Week 16 (01/04 to 07/04/2019)	Prostate Penis	Dr. Mishal Khan & Dr. Natasha Khattak
Week 17 (08/04 to 14/04/2019)	Ovary, Corpus Luteum	Dr. Mishal Khan & Dr. Natasha Khattak
Week 18 (16/04 to 21/04/2019)	Uterus Uterine Tubes Vagina	Dr. Mishal Khan & Dr. Natasha Khattak
Week 19 (22/04 to 28/04/2019)	Larynx Trachea	Dr. Mishal Khan & Dr. Natasha Khattak
Week 20 (29/04 to 05/05/2019)	Lungs	Dr. Mishal Khan & Dr. Natasha Khattak
Week 21 (06/05 to 12/05/2019)	Pituitary Gland	Dr. Mishal Khan
Week 22 (13/05 to 19/05/2019)	Thyroid Gland Parathyroid Gland	Dr. Mishal Khan
Week 23 (20/05 to 23/05 & 03,04,08 June 2019)	Adrenal Gland	Dr. Mishal Khan
Week 24 (10/06 to 16/06/2019)	Eye	Dr. Mishal Khan
Week 25 (17/06 to 23/06/2019)	Ear	Dr. Mishal Khan
Week 26 (24/06 to 29/06/2019)	Revision (Digestive System)	Dr. Mishal Khan
Week 27 (01/07 to 07/07/2019)	Revision (Urogenital System)	Dr. Mishal Khan
Week 28 (08/07 to 14/07/2019)	Revision (Respiratory System, Endocrine Glands, Special Sense Organs)	Dr. Mishal Khan

# ABBOTTABAD INTERNATIONAL MEDICAL INSTITUTE

## Academic CALENDER

### Anatomy Department

### 2<sup>nd</sup> year MBBS

### Embryology session 2018/19

DATE	DAY	TIME	TOPIC	TEACHER
17/10/2018	Wednesday	9.00TO10.00AM	DEVELOPMENT OF SKIN.	Prof. Dr Rashid Ahmad
24/10/2018			DEVELOPMENT OF APPENDIGES OF SKIN.	
31/10/2018			DEVELOPMENT OF HEART.	
07/11/2018			DEVELOPMENT OF AORTA.	
17/11/2018			DEVELOPMENT OF INFERIOR VENACVA & PORTAL VEIN	
28/11/2018			DEFECTS OF CVS DEVELOPMENT	
05/12/2018			DEVELOPMENT OF LUNGS	
12/12/2018			DEVELOPMENT OF LUNGS	
19/12/2018			DEVELOPMENTAL DEFECTS OF LUNGS	
26/12/2018			DEVELOPMENT OF CNS (FOREBRAIN, MIDBRAIN)	
06/03/2019			DEVELOPMENT OF CNS (HINDBRAIN, SPINAL CORD)	
13/03/2019			DEVELOPMENTAL DEFECTS OF CNS	
20/03/2019			PHARYGEAL ARCHES/ POUCHES	
27/03/2019			TONGUE & THYROID GLAND DEVELOPMENT	
03/04/2019			GIT DEVELOPMENT (FOREGUT)	
10/04/2019			GIT DEVELOPMENT (MIDGUT, HINDGUT)	

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17/04/2019	Wednesday	9.00TO10.00AM	DEVELOPMENT OF SKULL & APPENDICULAR SKELETON
24/04/2019			DEVELOPMENT OF PERITONEAL, PLEURAL & DIAPHRAGM
08/05/2019			DEVELOPMENT OF PITUITARY GLAND & ADRENAL GLAND
15/05/2019			DEVELOPMENT OF KIDNEY, URETER
22/05/2019			DEVELOPMENT OF URINARY BLADDER AND URETHRA
12/06/2019			DEVELOPMENT OF TOOTH SALIVARY GLAND
19/06/2019			DEVELOPMENT OF EYE, EAR
26/06/2019			DEVELOPMENT OF NOSE
03/07/2019			REVISION
10/07/2019			REVISION

# ABBOTTABAD INTERNATIONAL MEDICAL INSTITUTE

## Academic CALENDER

### Anatomy Department

### 2<sup>nd</sup> year MBBS

### Gross Anatomy session 2018/19

DATE	DAY	TIME	TOPIC	TEACHER
15/10/2018	Monday	12.30to01.30	Introduction of Neuro Anatomy.	DR ATIF NAWAZ. DR MOHTADULLAH. DR SAADSULTAN
16/10/2018	Tuesday		Structure of Neuron.	DR ATIF NAWAZ. DR MOHTADULLAH. DR SAADSULTAN
17/10/2018	Wednesday		Neuroglia.	DR ATIF NAWAZ. DR MOHTADULLAH. DR SAADSULTAN
18/10/2018	Thursday		Nerve Fibers and Peripheral Nerves.	DR ATIF NAWAZ. DR MOHTADULLAH. DR SAADSULTAN
19/10/2018	Friday		Reflex arc, Stretch Reflex.	DR MOHIBULLAH
20/10/2018	Saturday		Extensor Reflex, Spinal Reflexes	DR ATIF NAWAZ. DR MOHTADULLAH.
22/10/2018	Monday		Receptors and Nerve Endings	DR SAADSULTAN
23/10/2018	Tuesday		Receptors and Nerve Endings	DR SAADSULTAN
24/10/2018	Wednesday		External Structure of Spinal Cord	
25/10/2018	Thursday		Internal Structure of Spinal Cord	

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26/10/2018	Friday		Ascending Tracts	DR MOHIBULLAH
27/10/2018	Saturday		Ascending Tracts	DR ATIF NAWAZ. DR MOHTADULLAH. DR SAADSULTAN
29/10/2018	Monday		Ascending Tracts	DR ATIF NAWAZ. DR MOHTADULLAH. DR SAADSULTAN
30/10/2018	Tuesday		Descending Tracts	DR ATIF NAWAZ. DR MOHTADULLAH. DR SAADSULTAN
31/10/2018	Wednesday		Descending Tracts	DR ATIF NAWAZ. DR MOHTADULLAH. DR SAADSULTAN
01/11/2018	Thursday		Descending Tracts	DR ATIF NAWAZ. DR MOHTADULLAH. DR SAADSULTAN
02/11/2018	Friday		Lesions of Spinal Cord	DR MOHIBULLAH
03/11/2018	Saturday		Gross Appearance of Medulla	DR ATIF NAWAZ. DR MOHTADULLAH. DR SAADSULTAN
05/11/2018	Monday		Internal Structure of Medulla	DR ATIF NAWAZ. DR MOHTADULLAH. DR SAADSULTAN

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06/11/2018	Tuesday		Internal Structure of Medulla	DR ATIF NAWAZ. DR MOHTADULLAH. DR SAADSULTAN
07/11/2018	Wednesday		Lesions of Medulla	DR ATIF NAWAZ. DR MOHTADULLAH. DR SAADSULTAN
08/11/2018	Thursday		External Features of Pons	DR ATIF NAWAZ. DR MOHTADULLAH. DR SAADSULTAN
09/11/2018	Friday		Internal Structure of Pons	DR MOHIBULLAH
10/11/2018	Saturday		Lesions of Pons	DR ATIF NAWAZ. DR MOHTADULLAH. DR SAADSULTAN
12/11/2018	Monday		Cerebellum (Structure)	DR ATIF NAWAZ. DR MOHTADULLAH. DR SAADSULTAN
13/11/2018	Tuesday		Cerebellum (Lesions)	DR ATIF NAWAZ. DR MOHTADULLAH. DR SAADSULTAN

14/11/2018	Wednesday		Thalamus	DR ATIF NAWAZ. DR MOHTADULLAH. DR SAADSULTAN
15/11/2018	Thursday		Thalamus	DR ATIF NAWAZ. DR MOHTADULLAH. DR SAADSULTAN
16/11/2018	Friday		Hypothalamus	DR MOHIBULLAH
17/11/2018	Saturday		Hypothalamus, Subthalamus, Epithalamus	DR ATIF NAWAZ. DR MOHTADULLAH. DR SAADSULTAN

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19/11/2018	Monday		Cerebral Hemisphere (Lobes, Sulci, Gyri)	DR ATIF NAWAZ. DR MOHTADULLAH. DR SAADSULTAN
20/11/2018	Tuesday		Layers of Cerebral Cortex, Functional Organization of Cerebral Cortex	DR ATIF NAWAZ. DR MOHTADULLAH. DR SAADSULTAN
22/11/2018	Thursday		Reticular Formation	DR ATIF NAWAZ. DR MOHTADULLAH. DR SAADSULTAN
23/11/2018	Friday		Limbic System	DR MOHIBULLAH
24/11/2018	Saturday		Basal Ganglia	DR ATIF NAWAZ. DR MOHTADULLAH. DR SAADSULTAN
26/11/2018	Monday		Basal Ganglia	DR ATIF NAWAZ. DR MOHTADULLAH. DR SAADSULTAN
27/11/2018	Tuesday		CSF (Formation, Circulation, Absorption)	DR ATIF NAWAZ. DR MOHTADULLAH. DR SAADSULTAN
28/11/2018	Wednesday		Lateral Ventricle	DR ATIF NAWAZ. DR MOHTADULLAH. DR SAADSULTAN
29/11/2018	Thursday		Lateral Ventricle, 3 <sup>rd</sup> Ventricle	DR ATIF NAWAZ. DR MOHTADULLAH. DR SAADSULTAN
30/11/2018	Friday		4 <sup>th</sup> Ventricle	DR MOHIBULLAH
01/12/2018	Saturday		Ventricular System ( Clinical Corelations	DR ATIF NAWAZ. DR MOHTADULLAH. DR SAADSULTAN

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03/12/2018	Monday		Blood Brain Barrier	DR ATIF NAWAZ. DR MOHTADULLAH. DR SAADSULTAN
04/12/2018	Tuesday		Blood CSF Barrier	
05/12/2018	Wednesday		Autonomic Nervous System	
06/12/2018	Thursday		Autonomic Nervous System	
07/12/2018	Friday		Meninges	
08/12/2018	Saturday		Dural Venous Sinuses	
10/12/2018	Monday		Dural Venous Sinuses	
11/12/2018	Tuesday		Cranial Nerves (1 & 2)	
12/12/2018	Wednesday		Cranial Nerves (3,4 &6)	
13/12/2018	Thursday		Cranial Nerves (5)	
14/12/2018	Friday		Cranial Nerves (7)	DR MOHIBULLAH
15/12/2018	Saturday		Cranial Nerves (8 & 9)	DR ATIF NAWAZ. DR MOHTADULLAH. DR SAADSULTAN
17/12/2018	Monday		Cranial Nerves (10)	DR ATIF NAWAZ. DR MOHTADULLAH. DR SAADSULTAN
18/12/2018	Tuesday		Cranial Nerves (11 & 12)	DR ATIF NAWAZ. DR MOHTADULLAH. DR SAADSULTAN
19/12/2018	Wednesday		Vascular Supply of Brain	DR ATIF NAWAZ. DR MOHTADULLAH. DR SAADSULTAN
20/12/2018	Thursday		Vascular Supply of Brain	DR ATIF NAWAZ. DR MOHTADULLAH. DR SAADSULTAN
21/12/2018	Friday		Vascular Supply of Brain	DR MOHIBULLAH
22/12/2018	Saturday		Skull	DR ATIF NAWAZ. DR MOHTADULLAH. DR JAWAD ISRAR

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24/12/2018	Monday		Skull		DR ATIF NAWAZ. DR MOHTADULLAH. DR JAWAD ISRAR	
26/12/2018	Tuesday		Skull		DR ATIF NAWAZ. DR MOHTADULLAH. DR JAWAD ISRAR	
27/12/2018	Wednesday		Skull		DR ATIF NAWAZ. DR MOHTADULLAH. DR JAWAD ISRAR	
28/12/2018	Thursday		Skull		DR ATIF NAWAZ. DR MOHTADULLAH. DR JAWAD ISRAR	
29/12/2018	Friday		Skull		DR ATIF NAWAZ. DR MOHTADULLAH. DR JAWAD ISRAR	
31/12/2018	Saturday		Cervical Vertebrae		DR ATIF NAWAZ. DR MOHTADULLAH. DR JAWAD ISRAR	
01/03/2019	Friday	08:00-10:00 AM	10:00-11:00 AM	Meninges, Venous Sinuses	PBL	DR MOHIBULLAH
02/03/2019	Saturday		Scalp		DR ATIF NAWAZ. DR MOHTADULLAH. DR JAWAD ISRAR	
04/03/2019	Monday		Face (skin, muscles, supply)			
05/03/2019	Tuesday		Trigeminal Nerve & Sensory Supply of Face			
06/03/2019	Wednesday		Facial Nerve & Bells` Palsy			
07/03/2019	Thursday		Parotid Gland			
08/03/2019	Friday			Mandible	CLINICALS	
09/03/2019	Saturday		Muscles of Mastication			
11/03/2019	Monday		Temporal fossa &Contents			
12/03/2019	Tuesday		Infratemporal fossa & contents			
13/03/2019	Wednesday		Parasympathetic ganglia			

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14/03/2019	Thursday		TMJ	
15/03/2019	Friday		Submandibular region/ Muscles/ Hyoid bone	PBL DR MOHIBULLAH
16/03/2019	Saturday		Submandibular & Sublingual Glands	DR ATIF NAWAZ. DR MOHTADULLAH. DR JAWAD ISRAR
18/03/2019	Monday		Parts of Brain/ Blood Supply of Brain	
19/03/2019	Tuesday		Cranial nerves	
20/03/2019	Wednesday		Cranial nerves	
21/03/2019	Thursday		Eyelids / lacrimal apparatus	
22/03/2019	Friday		Orbital Cavity/ EOM	CLINICALS
25/03/2019	Monday		Nerves/ lymphatics/ vessels of Orbit	
26/03/2019	Tuesday		Layers & Contents of Eyeball	
27/03/2019	Wednesday		External ear / middle ear	
28/03/2019	Thursday		Middle ear / internal ear	
29/03/2019	Friday		NEUROANATOMY STAGE	
30/03/2019	Saturday		Oral cavity & Tongue	
01/04/2019	Monday		Pharynx (Location/Long.Muscles/Nasopharynx	
02/04/2019	Tuesday		Oropharynx/Laryngopharynx	
03/04/2019	Wednesday		Supply of Pharynx & Swallowing	
04/04/2019	Thursday		Palate/Nasal Cavity	
05/04/2019	Friday		Nerve & Blood supply of nose/Paranasal Sinuses	PBL DR MOHIBULLAH
06/04/2019	Saturday		Larynx (Cartilages/Membranes/Ligaments)	DR ATIF NAWAZ. DR MOHTADULLAH. DR JAWAD ISRAR
08/04/2019	Monday		Laryngeal cavity & muscles & its supply	
09/04/2019	Tuesday		Neck (skin fascia, cut. Nerves,veins)	
10/04/2019	Wednesday		Deep cervical fascia	
11/04/2019	Thursday		Ant. Triangle of Neck	
12/04/2019	Friday		Post. Triangle of Neck	CLINICALS DR MOHIBULLAH
13/04/2019	Saturday		Main arteries of Neck	DR ATIF NAWAZ. DR MOHTADULLAH. DR JAWAD ISRAR
16/04/2019	Tuesday		Main veins of Neck	
17/04/2019	Wednesday		Main Nerves of Neck	

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18/04/2019	Thursday		Cervical plexus/ cervical symp. Trunk	
19/04/2019	Friday		Thyroid/ parathyroid	PBL
20/04/2019	Saturday		Lymph of head & neck/ Trachea/ Esophagus	
22/04/2019	Monday		Root of Neck/ Surface Anatomy	
23/04/2019	Tuesday		Radiographs	
24/04/2019	Wednesday		STAGE OF HEAD & NECK	
25/04/2019	Thursday		Ant. Abdominal wall (Skin, Fascia, Muscles)	
26/04/2019	Friday		Rectus Sheath & Contents	CLINICALS DR MOHIBULLAH
27/04/2019	Saturday		Fascia Transver Salis/ Supply of ant. Ab. Wall	DR ATIF NAWAZ. DR MOHTADULLAH. DR JAWAD ISRAR
29/04/2019	Monday		Inguinal Canal	
30/04/2019	Tuesday		Spermatc Cord & Contents/ Post. Abdominal wall	
02/05/2019	Thursday		Scrotum, Testis & Epididymides	
03/05/2019	Friday		Peritoneum	PBL
04/05/2019	Saturday		Peritoneum	
06/05/2019	Monday		Esophagus & Gastroesophageal Sphincter	
07/05/2019	Tuesday		Stomach	
08/05/2019	Wednesday		Small Intestine (Duodenum)	
09/05/2019	Thursday		Jejunm/ Ileum	
10/05/2019	Friday		Large Intestine (Cecum, Appendix)	CLINICALS DR MOHIBULLAH
11/05/2019	Saturday		Colon	DR ATIF NAWAZ. DR MOHTADULLAH. DR JAWAD ISRAR
13/05/2019	Monday		Blood supply of GIT	
14/05/2019	Tuesday		Venous Drainage of GIT	
15/05/2019	Wednesday		Liver	
16/05/2019	Thursday		Bile Ducts & Gall Bladder	
17/05/2019	Friday		Pancrease	PBL DR MOHIBULLAH
18/05/2019	Saturday		Spleen / Retroperitoneal Space	DR ATIF NAWAZ. DR MOHTADULLAH. DR JAWAD ISRAR
20/05/2019	Monday		Kidney	
21/05/2019	Tuesday		Ureter/ Suprarenal Glands	
22/05/2019	Wednesday		Arteries on Post. Ab.Wall	

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23 to 29/05/2019			MID TERMS EXAMS	
30/05/2019	Thursday		Veins / Lymphatics on Post. Ab. Wall	
31/05/2019	Friday		Nerves on Post. Ab. Wall/Symp. Trunk	CLINICALS DR MOHIBULLAH
01/06/2019	Saturday		Radiographs/ Surface Anatomy	DR ATIF NAWAZ. DR MOHTADULLAH. DR JAWAD ISRAR
03/06/2019	Monday		Orientation of Pelvis/ True & False Pelvis/ Walls	
04/06/2019	Tuesday		Sacrum	
08/06/2019	Saturday		Coccyx/ Lat. Pelvic Wall	
10/06/2019	Monday		Pelvic Diaphragm/ Fascia	
11/06/2019	Tuesday		Nerves of Pelvic (Sacral Plexus, Autonomic Nerves)	
12/06/2019	Wednesday		Arteries/ Veins/ Joints of Pelvic	
13/06/2019	Thursday		Content of Pelvic/ Sigmoid Colon	
14/06/2019	Friday		Rectum	PBL DR MOHIBULLAH
15/06/2019	Saturday		Pelvic Viscera in Males (Ureters/ Uri. Bladder)	DR ATIF NAWAZ. DR MOHTADULLAH. DR JAWAD ISRAR
17/06/2019	Monday		Vas def., Seminal Vesicles, Ejaculatory ducts	
18/06/2019	Tuesday		Prostate/ Prostatic Urethra	
19/06/2019	Wednesday		Female Pelvic Viscera (ureters, uri. Bladder)	
20/06/2019	Thursday		Ovary/ Uterine Tubes	
21/06/2019	Friday		Uterus	CLINICALS DR MOHIBULLAH
22/06/2019	Saturday		Supports of uterus/ Uterus in Pregnancy & labour	DR ATIF NAWAZ. DR MOHTADULLAH. DR JAWAD ISRAR
24/06/2019	Monday		Pelvic Fascia & Peritoneum	
25/06/2019	Tuesday		Radiographs	
26/06/2019	Wednesday		Surface Anatomy	
27/06/2019	Thursday		Intro. to Perineum/ Triangles of Perineum	
28/06/2019	Friday		Anal canal	PBL
29/06/2019	Saturday		Ischiorectal Fossa & Contents	
01/07/2019	Monday		Urogenital triangle & Superficial & Deep Pouches	

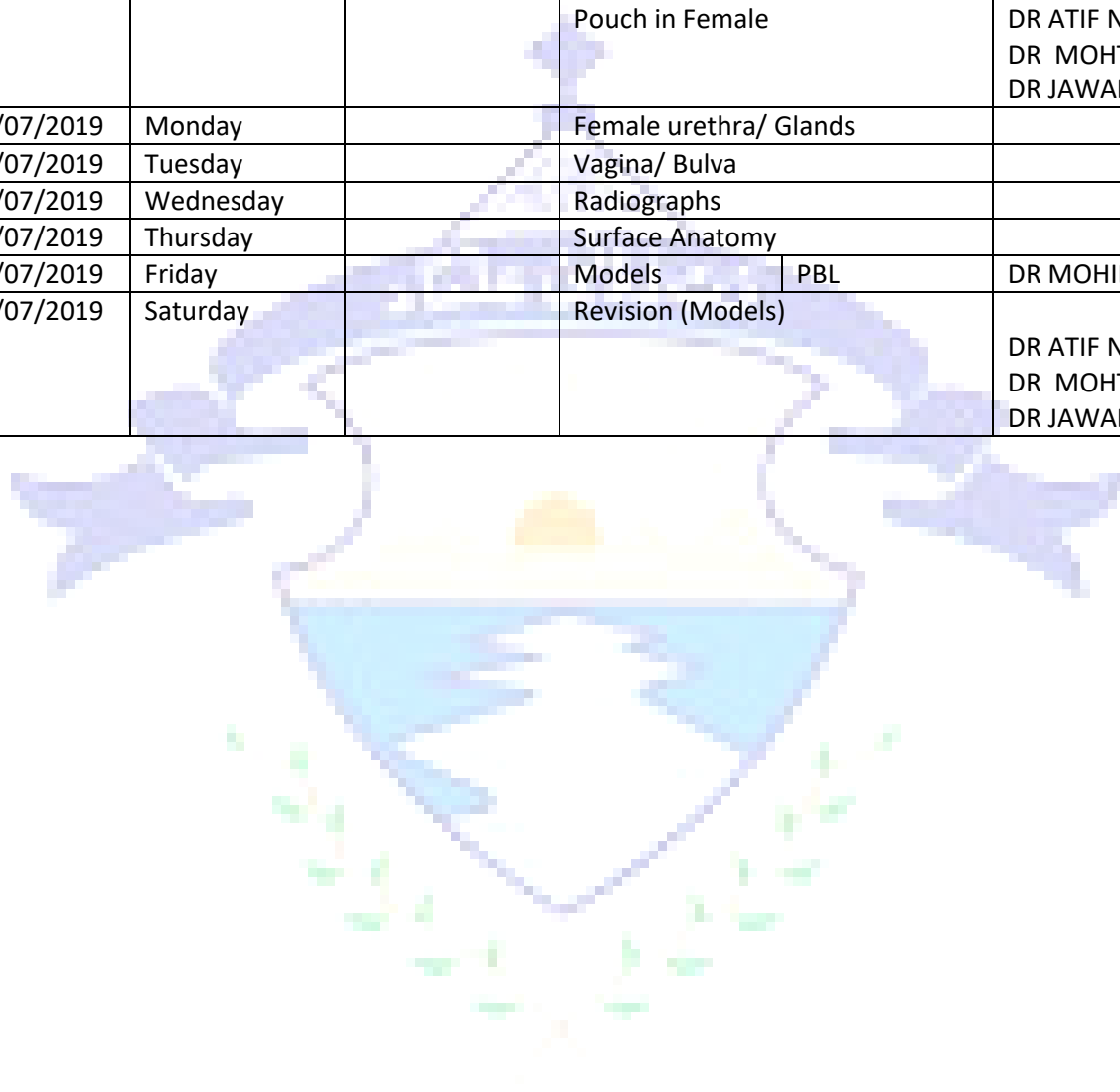
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02/07/2019	Tuesday		Contents of Male Urogenital triangle (Penis & Scrotum)	
03/07/2019	Wednesday		Contents of Sup./ Deep Perineal Pouch in Male	
04/07/2019	Thursday		Male Urethra	
05/07/2019	Friday		Contents of Female Urogenital triangle	CLINICALS DR MOHIBULLAH
06/07/2109	Saturday		Contents of Sup./ Deep Perineal Pouch in Female	DR ATIF NAWAZ. DR MOHTADULLAH. DR JAWAD ISRAR
08/07/2019	Monday		Female urethra/ Glands	
09/07/2019	Tuesday		Vagina/ Bulva	
10/07/2019	Wednesday		Radiographs	
11/07/2019	Thursday		Surface Anatomy	
12/07/2019	Friday		Models	PBL DR MOHIBULLAH
13/07/2019	Saturday		Revision (Models)	DR ATIF NAWAZ. DR MOHTADULLAH. DR JAWAD ISRAR



ABBOTTABAD INTERNATIONAL MEDICAL INSTITUTE

Anatomy Department

ASSESSMENT METHODOLOGIES

S.NO	ASSESMENT	METHODOLOGIES
1	CLASS TESTS	MCQ,S / SEQ,S/VIVA/PRESENTATIONS
2	STAGES	MCQ,S / SEQ,S
3	MID-TERM	MCQ,S / SEQ,S WRITTEN TEST
4	PRE-PRORR	MCQ,S / SEQ,S WRITTEN TEST

PASSING MARKS 50%

**ABBOTTABAD INTERNATIONAL MEDICAL INSTITUTE**  
**CRITERIA FOR INTERNAL ASSESSMENT**

**THEORY**

**TOTAL MARKS (10)**

**ATTENDANCE (3.5)**

ATTENDANCE	MARKS
90%&ABOVE	3.5
80-89%	3
60-79%	2.5
50-59%	2
30-50%	1
02-29%	0

**CLASS TESTS (2)**

PASSED	2
FAILED	1
ABSENT	0

**MIDTERMS (2)**

PASSED	2
FAILED	1
ABSENT	0

**PRE-PROF (2.5)**

PASSED	2.5
FAILED	1
ABSENT	0

**ABBOTTABAD INTERNATIONAL MEDICAL INSTITUTE**  
**CRITERIA FOR INTERNAL ASSESSMENT**

**PRACTICAL/ VIVA**

**TOTAL MARKS (10)**

**ATTENDANCE (3.5)**

ATTENDANCE	MARKS
90%&ABOVE	3.5
80-89%	3
60-79%	2.5
50-59%	2
30-50%	1
02-29%	0

**CLASS TESTS (2)**

PASSED	2
FAILED	1
ABSENT	0

**PRESENTATION / ASSIGNMENTS /OSPE /VIVA (2)**

PASSED	2
FAILED	1
ABSENT	0

**PRE-PROF (2.5)**

PASSED	2.5
FAILED	1
ABSENT	0



## LEARNING SITES

1.lecture halls.

a.lecture hall 1 for 1<sup>st</sup> year.

b.lecture hall 2for 2<sup>nd</sup> year.

2.Histology Lab.

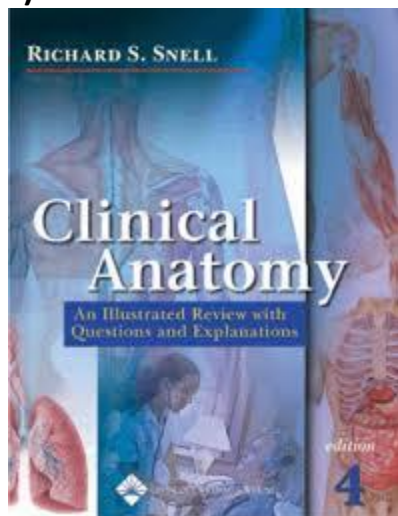
3.Anatomy Museum.

4.Dissection Hall.

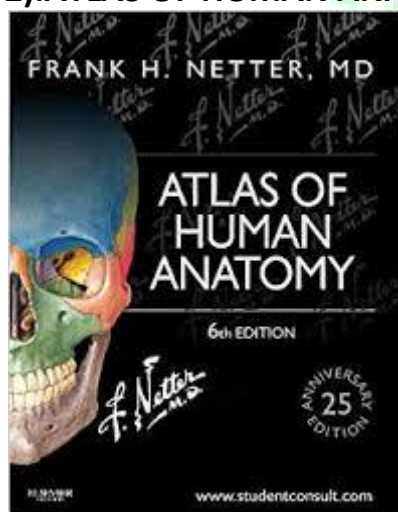


## GROSS ANATOMY

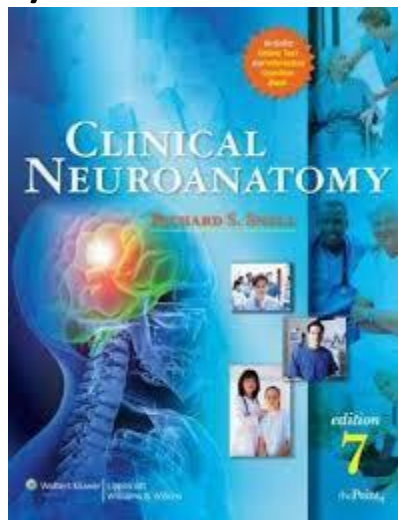
### 1).CLINICAL ANATOMY BY RICHARD



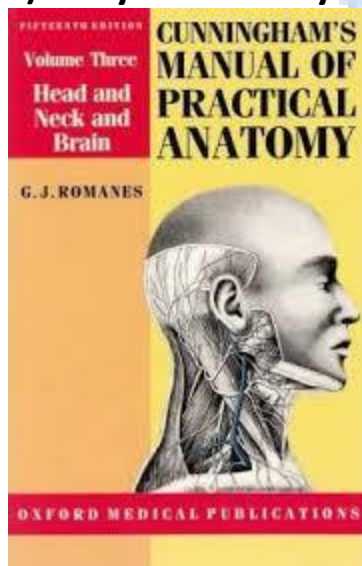
### 2).ATLAS OF HUMAN ANATOMY



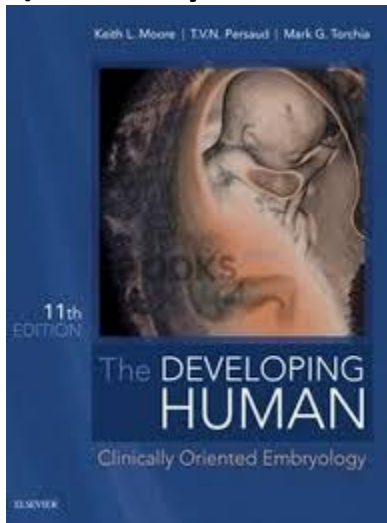
### 3).SNELLS NEUROANATOMY



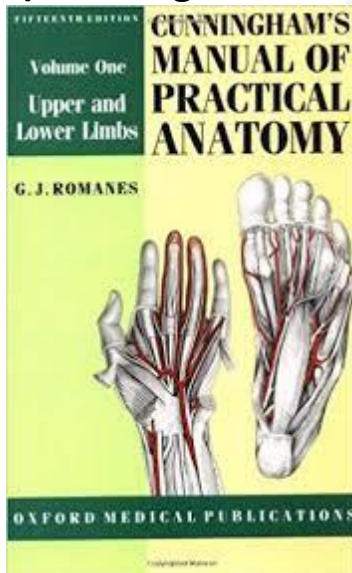
### 4).Gray's Anatomy For Students.



**5).Clinically Oriented Anatomy By Keith.L Moore.**

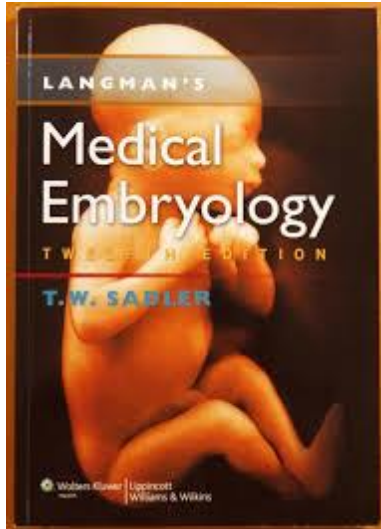


**6).Cunningham's Dissector Of Anatomy.**

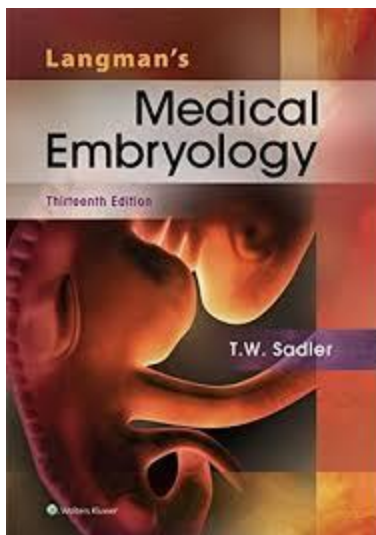


## EMBRGOLOGY

### 1.MEDICAL EMBRYOLOGY BY LANGMAN.



### 2.THE DEVELOPING HUMAN BY K.L.M.



## HISTOLOGY

### 1).MEDICAL HISTOLOGY BY LAIQ HUSSAIN.

## 2).DI FORE ATLAS OF HISTOLOGY.



**ABBOTTABAD INTERNATIONALN MEDICAL INSTITUTE**  
**ANATOMY DEPARTMENT**  
**DETAILS OF SUPPORTING STAFF**

<b>S.NO</b>	<b>NAME</b>	<b>DESIGNATION</b>	<b>QUALIFICATION</b>	<b>EXPE</b>
<b>01</b>	<b>TARIQ JAMIL</b>	<b>LAB ASSISTANT</b>	<b>FA</b>	<b>18 YEAR</b>
<b>02</b>	<b>ALI REHMAN</b>	<b>MUSEM ATTENDANT</b>	<b>FA</b>	<b>03YEAR</b>
<b>03</b>	<b>ZAHEER</b>	<b>COMPUTER OPERATOR</b>	<b>FA</b>	<b>08YEAR</b>



**ABBOTTABAD INTERNATIONAL MEDICAL & DENTAL COLLEGE**  
**ANATOMY DEPARTMENT**  
**CONTACT DETAILS OF DEPARTMENT**

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1.	DR RASHID AHMAD	PROFESSOR	0334.8958474
2.	DR AKHTAR ZAMAN	ASSISTANT PROFESSOR	
3.	DR MOHIBULLAH WAZIR	SENIOR LECTURER	0300.9113856.
4.	DR ATIF NAWAZ	SENIOR LECTURER	<a href="mailto:dratifnawazkhan@gmail.com">dratifnawazkhan@gmail.com</a> . 0332.8986988.
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6.	DR NOUREEN ANWAR	LECTURER	drnoreenanwaar@gmail.com. 0335.6841449.
7.	DR LAILA ANUM	LECTURER	<a href="mailto:cloudfullsky@hotmail.com">cloud fullsky@hotmail.com</a> . 0312.5151416.
8.	DR MUHTAD ULLAH	LECTURER	0333.9976772.
9.	TARIQ JAMIL	LAB.ASSISTANT	0346.9587590.
10.	ALI REHMAN	MUSEM ATTENDANT	0316.5130448.
11.	ZAHEER	COMPUTER OPERATOR	0347.5057365.

