



Mansoura University Faculty of Medicine

Log Book

Histology Department

2016 - 2017

ختم القسم

إيصال تسليم Log Book

اسم الطالب :

الفرقة :

رقم الجلوس :

تاريخ التسليم :

توقيع المستلم :

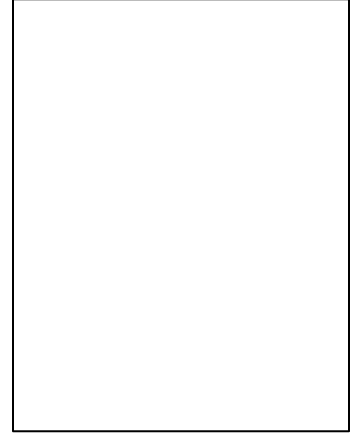


Mansoura university
Faculty of medicine
Histology and cell Biology Department

Curriculum Content And Logbook

**For the 2nd year Medical Students
In Histology and cell Biology**

Mansoura university
Faculty of medicine
Histology and cell Biology Department



Student's Name:

Address :

E-mail :

Serial Number:

Classroom Teaching Group:

Attendance Ratio:

Head of the Department:

Curriculum Content

Histology and Cell Biology Course

- ◆ **Theoretical Topics (Lectures):** **60 hours**
- ◆ **Practical Course:** **60 hours**

Academic Teaching Materials :

Histology of Skin
Histology of Digestive system
Histology of Endocrine system
Histology of Urinary system
Histology of Male Genital system
Histology of Female Genital system
Histology of Eye
Histology of Ear
Histology of Nerve Endings
Histology of Spinal Cord
Histology of Brain stem
Histology of Cerebellum
Histology of Cerebrum

Practical Course

Structure of Skin
Structure of Digestive system
Structure of Endocrine system
Structure of Urinary system
Structure of Male Genital system
Structure of Female Genital system
Structure of Eye
Structure of Ear
Structure of Nerve Endings
Structure of Spinal Cord
Structure of Brain stem
Structure of Cerebellum
Structure of Cerebrum

Intended Learning Outcomes of Course

◆ Knowledge and Understanding

- 1- Describe normal histological structure of various system (skin , digestive , endocrine , urinary , male genital , female genital , eye & ear).
- 2- Recognize various levels of sections in the spinal cord.
- 3- Recognize various levels of sections in the brain stem.
- 4- Describe the histological structure of the cerebrum.
- 5- Describe the histological structure of the cerebellum.
- 6- Identify ultrastructure of different cells studied in various organs.

◆ Intellectual Skills

- 1- Choose appropriate methods to reveal specific microscopic features of organs.
- 2- Correlate between histological structure & function of different organs of all system.
- 3- Distinguish slides different from those seen during his course but of same organs previously studied.
- 4- Differentiate between different levels of spinal cord , brain stem , cerebellum & cerebrum.

◆ Professional and practical skills

- 1- Employ the instruments and techniques used to prepare and study histological specimens.
- 2- Use the microscope efficiently.
- 3- Handle the histological glass slides and examine them using the maximum microscopic facilities.
- 4- Distinguish various of special stains to identify various organs.
- 5- Differentiate between different organs in histological slide seen under the microscope.
- 6- Differentiate between different levels of spinal cord & brain stem , cerebellum & cerebrum.
- 7- Draw and label diagrams of different organs.
- 8- Draw and label diagrams of levels of spinal cord & brain stem.

◆ **General and Transferable Skills**

- 1- **Use the sources of biomedical information to remain current with advances in knowledge and practice.**
- 2- **Express themselves freely and adequately by improving their descriptive capabilities through power point presentation and enhancing their communication skills through communication with their colleague during preparing the topic of presentation.**

◆ **Attitude:**

- 1- **Appreciate the importance of the life long learning and show a strong commitment to it.**
- 2- **Self study and education.**

Student Assessment Methods

- 1- **Written exams (short essays and MCQs)**
- 2- **Oral exam**
- 3- **Practical exam (identification of histological slides)**
- 4- **Course assignment and practical book**
- 5- **Presentation**
- 6- **Attendance criteria: The minimal acceptable attendance is 75%**
- 7- **Formative examinations**

Histology Log Book

Topic	No. of hours		Grades assigned
The skin	4	4X1.6	6.4
Lip & Tongue	2	2X1.6	3
Digestive tract	8	8X1.6	13
Digestive glands	7	7X1.6	11
Endocrine glands	4	4X1.6	6.4
Urinary system	4	4X1.6	6.4
Male genital system	4	4X1.6	6.4
Female genital system	5	5X1.6	8
The eye	4	4X1.6	6.4
The ear	2	2X1.6	3
Nerve endings	2	2X1.6	3
Spinal cord	7	7X1.6	11
Brain stem	5	5X1.6	8
Cerebellum & C.C	2	2X1.6	3
Total	60		95

Assessment Schedule

	Assessment Schedule	Weight	Degree
Assessment 1	MCQ assessment by the end of 6th week (midterm)	13.4%	20 degrees
Assessment 2	MCQ mid – year assessment	6.6%	10 degrees
Assessment 3	Virtual lab , activity	20%	30 degrees
Assessment 4	Practical book and log book	50%	75 degrees
Assessment 5	Final practical examination	10%	15 degrees
Assessment 6	Final written examination	100%	150 degrees
Assessment 7	final oral examination	13.4%	20 degrees
Total		6.6%	10 degrees

Week 1

The Skin

Slides	Stain	Date	Signature

Assessment Question:

How can you differentiate a section of the skin of palm from that of other body surfaces?

Week 2

The Mouth Cavity and Esophagus

Slides	Stain	Date	Signature

Assessment Question:

Types of epithelium lining of the esophagus.

Week 3

The Stomach

Slides	Stain	Date	Signature

Assessment Question:

L/M of parietal cells.

Week 4

The Small intestine

Slides	Stain	Date	Signature

Assessment Question:

Enumerate the types of cells lining the crypts of the small intestine.

Week 5

Large intestine & Vermiform Appendix

Slides	Stain	Date	Signature

Assessment Question:

Enumerate the types of cells lining the crypts of large intestine.

Week 6

The Salivary Glands and the Pancreas

Slides	Stain	Date	Signature

Assessment Question:

Enumerate the duct system in the parotid glands.

Week 7

The Liver and the Gall Bladder

Slides	Stain	Date	Signature

Assessment Question:

L/M of hepatocytes.

Week 8

Virtual Lab.I

Slides	Slides	Date	Signature

Week 9

The Endocrine Glands

Slides	Stain	Date	Signature

Assessment Question:

Enumerate the cells in pars distalis ?

Week 10

The Urinary system

Slides	Stain	Date	Signature

Assessment Question:

Mention the Components of uriniferous tubules.

Week 11

The Male Genital System

Slides	Stain	Date	Signature

Assessment Question:

The parenchyma of the testis consists of :

Week 12

The Female genital System

Slides	Stain	Date	Signature

Assessment Question:

Describe the structure of Mature G.F.

Week 13

Virtual Lab.II

Slides	Stain	Date	Signature

Week 14

The Eye

Slides	Stain	Date	Signature

Assessment Question:

What are the layers of the cornea ?

Week 15

The Ear and the Nerve Endings

Slides	Stain	Date	Signature

Assessment Question:

Enumerate the cells lining organ of Corti.

Week 16

Virtual Lab.III

Slides	Stains	Date	Signature

Week 17

**The Central Nervous System
The Spinal cord**

Slides	Stain	Date	Signature

Assessment Question:

Enumerate the short tracts in the upper half of the body.

Week 18

The Medulla oblongata

Slides	Stain	Date	Signature

Assessment Question:

Mention the main histological characters of closed medulla at the level of motor decussation.

Week 19

The Pons

Slides	Stain	Date	Signature

Assessment Question:

What are the components of facial colliculus?

Week 20

The Midbrain

Slids	Stain	Date	Signature

Assessment Question:

What are components of superior colliculus?

Week 21

The Cerebellum and Cerebrum

Slides	Stain	Date	Signature

Assessment Question:

What are the layers of the cerebellar cortex?

Student Activity

Photo

The Type of the Student Activity:

The Topic of the Activity :

Supervisors on the Activity :

Mark sheet for the activity:

No	Item	Mark
1	Willingly understand the assigned tasks.	0.5
2	Contributed positively to group discussion	0.5
3	Overall was a valuable member of the group	0.5
4	Worked well with other group members	0.5
5	Completed work on time or made alternative arrangement	0.5
6	The work accurately and completely done	0.5
7	The work contained data more than the department book	1.0
8	Quality of the completed work	1.0
Total Marks		5

Date	Signature

Assessment

	Mark	Signature
Practical book and log book		
Virtual Lab, activity		
Oral examination		