Mansoura University
Faculty of Medicine
Histology Dept

LOG BOOK

Histology Department

(2014-2015)

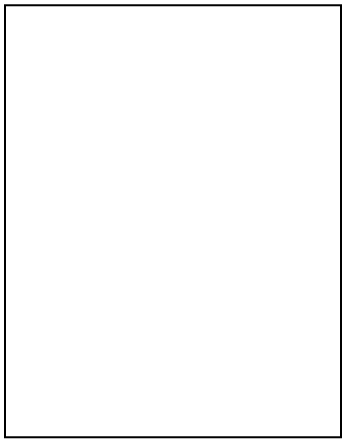
LOGBOOK for Medical Students

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 :	Practical Course
Histology of Skin	**Structure of Skin**
Histology of Digestive system	**Structure of Digestive system**
Histology of Endocrine system	**Structure of Endocrine system**
Histology of Urinary system	**Structure of Urinary system**
Histology of Male Genital system	**Structure of Male Genital system**
Histology of Female Genital system	**Structure of Female Genital system**
Histology of Eye	**Structure of Eye**
Histology of Ear	**Structure of Ear**
Histology of Nerve Endings	**Structure of Nerve Endings**
Histology of Spinal Cord	**Structure of Spinal Cord**
Histology of Brain stem	**Structure of Brain stem**
Histology of Cerebellum	**Structure of Cerebellum**
Histology of Cerebrum	**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 kills 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**

Assessment Schedule

Assessment 1 MCQ assessment by the end of 6th week
Assessment 2 MCQ mid – year assessment
Assessment 3 MCQ assessment by the end of 6th week after midyear holiday
Assessment 4 final practical examination
Assessment 5 final written examination
Assessment 6 final oral examination
Assessment 7 Course assignment (practical book , log book)
Assessment 8 Virtual lab

	Assessment Schedule	Weight	Degree
Assessment 1	**MCQ assessment by the end of 6th week (mid term)**	**6.7%**	**10 degrees**
Assessment 2	**MCQ mid – year assessment**	**10%**	**15 degrees**
Assessment 3	**Virtual lab , activity**	**3.3%**	**5 degrees**
Assessment 4	**Practical book and log book**	**3.3%**	**5 degrees**
Assessment 5	**Final practical examination**	**16.7%**	**25 degrees**
Assessment 6	**Final written examination**	**50%**	**75 degrees**
Assessment 7	**final oral examination**	**10%**	**15 degrees**
Total		**100%**	**150 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 ?

Week 22

Virtual Lab.IV

Slides	Slides	Date	Signature

Student Activity

The Type of the Student Activity :

The Topic of the Activity :

Supervisors on the Activity :

Photo

Date	Signature

Assessment

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