



Mansoura University
Faculty of Veterinary Medicine
Histology and Cytology Department

Histology Curriculum Content And Logbook (2nd Term)

Student's Name:

Section:



Mansoura University
Faculty of Veterinary Medicine
Histology and Cytology Department

Personal Data

Student's Name:

Address:

Telephone no.:

Email:

Serial No:

Attendance Ratio:





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Curriculum Content



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Histology and Cytology Course

- ◆ **Theoretical Topics (Lectures): 30 hours**
- ◆ **Practical Course: 30 hours**

Academic Teaching Materials

- Histology of Cardiovascular system
- Histology of Respiratory system
- Histology of Digestive system
- Histology of Urinary system
- Histology of Male Genital system
- Histology of Female Genital system
- Histology of Endocrine system
- Histology of Immune system
- Histology of Skin

Practical Course

- Structure of Cardiovascular system
- Structure of Respiratory system
- Structure of Digestive system
- Structure of Urinary system
- Structure of Male Genital system
- Structure of Female Genital system
- Structure of Endocrine system
- Structure of Immune system
- Structure of Skin



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Intended Learning Outcomes of Course

◆ Knowledge and Understanding

Describe normal histological structure of various body system.

◆ 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.

◆ 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 types of stains.
- 5- Distinguish different organs.
- 8- Draw and label the structures they have seen in electron photomicrographs and under light microscope during practical classes.



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◆ 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.**



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Student Assessment Methods

- 1- Written exams.
- 2- Oral exam.
- 3- Practical exam (identification of histological slides).
- 4- Log Book and practical book.
- 5- Student activities (Presentations & Essays).
- 6- Attendance criteria: The minimal acceptable attendance is 75%
- 7- Formative examinations (Online tests).

| | Assessment Schedule | Weight | Degree |
|--------------|---------------------------|--------|--------|
| Assessment 1 | Log book & practical book | 10 % | 5 |
| Assessment 2 | Activities | 10 % | 5 |
| Assessment 3 | Practical Exam | 10 % | 5 |
| Assessment 4 | Oral Exam | 20 % | 10 |
| Assessment 5 | Final Written Exam | 50 % | 25 |
| Total | | 100 % | 50 |



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Week 1

The Blood Vascular System

| Slide | Stain | Date | Signature |
|--------------|--------------|-------------|------------------|
| | | | |

Assessment Question:

What are the difference between the medium sized artery and vein?



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Week 2

The Respiratory System

| Slide | Stain | Date | Signature |
|-------|-------|------|-----------|
| | | | |

Assessment Question:

Conducting portion of the respiratory system.



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Week 3

The Oral Cavity and Esophagus

| Slide | Stain | Date | Signature |
|--------------|--------------|-------------|------------------|
| | | | |

Assessment Question:
Types of epithelium lining of the esophagus.



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Week 4

- 1. Stomach**
- 2. Small intestine**
- 3. Large intestine**

| Slide | Stain | Date | Signature |
|--------------|--------------|-------------|------------------|
| | | | |

Assessment Question:

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



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Week 5

1. The Salivary Glands and the Pancreas

2. The Liver

| Slide | Stain | Date | Signature |
|-------|-------|------|-----------|
| | | | |

Assessment Question:

Enumerate the duct system in the parotid gland.



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Week 6

The Urinary system

| Slide | Stain | Date | Signature |
|--------------|--------------|-------------|------------------|
| | | | |

Assessment Question:
Mention the Components of uriniferous tubules.



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Week 7

The Male Genital System

| Slide | Stain | Date | Signature |
|-------|-------|------|-----------|
| | | | |

Assessment Question:

The parenchyma of the testis consists of



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Week 8

The Female genital System

| Slide | Stain | Date | Signature |
|--------------|--------------|-------------|------------------|
| | | | |

Assessment Question:
Describe the structure of Mature G.F.



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Week 9

- 1. The Endocrine Glands**
- 2. The Immune system**

| Slide | Stain | Date | Signature |
|--------------|--------------|-------------|------------------|
| | | | |

Assessment Question:
Enumerate the cells in pars distalis?



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Week 10

The Skin

| Slide | Stain | Date | Signature |
|--------------|--------------|-------------|------------------|
| | | | |

Assessment Question:

How can you differentiate a section of thin skin from that of thick skin ?



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Student Activity

The Type of the Student Activity:

The Topic of the Activity:

.....

Supervisors on the Activity:

| Date | Signature |
|------|-----------|
| | |



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Assessment

| | Mark | Signature |
|---------------------------|-------------|------------------|
| Log book & practical book | | |
| Activities | | |
| Practical Exam | | |