

Examination for Master degree in orthopedic
Course Title: Histology
Date: 17/8/2021
Term: August and September
Time Allowed:
Total Assessment Marks: 30 marks



Tanta University
Faculty of Medicine
Department of:
Histology

Answer the following Questions (illustrate your answers with diagrams):

Questions Number	Marks
Q1 – Enumerate membranous and non-membranous organelles and describe the histological structure of one membranous organelle.	6 marks
Q2 –Compare between different types of bone.	6Marks
Q3- Describe histological structure of cartilage cells.	6 Marks
Q4- Write a short note on the histological structure of granular leucocytes?	6 marks
Q5- Describe the histological structure of thyroid gland?	6 marks

NB: The oral exam will be on Wednesday at 11:00 PM.

GOOD LUCK

Tanta University

Master and diploma in Orthopedic surgery

Faculty of Medicine

Anatomy Examination

Human Anatomy & Embryology Dep.

Number of Questions: 6

17/8/2021- Time Allowed: 3 Hours

Total: 30 Marks



ORTHOPAEDIC SURGERY

All questions to be answered

Illustrate your answer with diagram whenever possible:

1. **Enumerate** the rotator cuff muscles, mention its clinical importance and factors maintaining shoulder joint stability. (4 marks)
- 2-**Mention** the attachments and relations of flexor retinacula around the wrist. (5 marks)
- 3- **a- Define** the development and congenital anomalies of the vertebral column. (5 marks)
b- Mention the development and congenital anomalies of the limbs (4 marks)
- 4- **Describe** locking and unlocking movements of the knee joint and the muscles responsible for them. (5 marks)
5. **Mention** the course and clinical aspect of the femoral nerve. (4 marks)
6. **Define** the blood supply of the bones. (3 marks)

END OF THE EXAM

Oral & Practical Examination:

On Tuesday 31 /8/2021 at 10 o'clock in the Anatomy Department (Second floor)

WITH BEST WISHES

Committee of the Exam: Prof. Dr. Amal Halawa, Prof Dr. Mona Attia, Prof Dr. Doaa Haiba, Assis. Prof Dr. Emad Mishriki, Assis. Prof Dr. Remon Aziz

Committee of exam: Prof. Dr. Maysa Fahmy Prof. Dr. Doaa Haiba

**Examination for Master& Diploma
Degree in: General surgery
Term: August
Time Allowed: 3h
Total Assessment Marks: 60marks**



**Tanta University
Faculty of Medicine
Department of: Histology
Course title: Histology
Date: 17/ 8 /2021**

Answer the following questions and illustrate your answers with labeled diagrams. (Each question 10 marks).

Q1 – Describe the histological structure of granular leucocytes.

Q2- Describe the histological structure of the stomach.

Q3 – Enumerate the membranous organelles and give a short note on Endoplasmic reticulum.

Q4 – Explain the histological structure of thyroid gland.

Q5- Compare between the histological structures of lymph node and spleen.

Q6 – Describe the histological structure of the wall of large artery.

NB: The oral exam will be on Tuesday, 17 /8/ 2021. At one O'clock

GOOD LUCK

**Chairman of Department
Prof Dr. Naglaa Ibrahim**

Tanta University Master&Diploma of Science in General surgery

Faculty of Medicine

Anatomy Examination

Human Anatomy& Embryology Dep.

Number of Questions: 5

17/ 8 /2021

Time Allowed: 3 Hours

Total 60 Marks



GENERAL SURGERY

All questions to be answered

Illustrate your answer with diagram whenever possible:

1. **Describe** development of stomach & its congenital anomalies. (9 marks)
2. **A. Mention** the attachments and contents of the lesser omentum.(5 marks)
B. Mention the walls of the ischio-anal fossa, **its contents** and **describe its clinical anatomy.** (6 marks)
C. Discuss the arterial supply of the pancreas. (4marks)
3. **A. Describe** the course and branches of the median nerve in the forearm and **Outline** the effects of its injury above the elbow. (7 marks)
B. Mention the beginning, course, end, and tributaries of the saphenous veins and **outline** their applied anatomy. (5 marks)
4. **A. Mention** the contents of posterior triangle of neck. (8 marks)
B. Describe beginning, end, tributaries of internal jugular vein. Mention its relation at base of skull. (6 marks)
5. **Describe** the anatomy of the pleura (parts, pleural recesses. blood supply, and nerve supply). (10 marks)

END OF THE EXAM

Oral & Practical Examination:

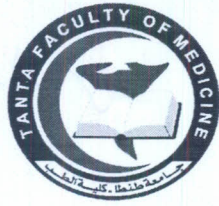
On Tuesday 31 /8/2021 at 10 o'clock in Anatomy Department (Second floor)

WITH BEST WISHES

Committee of the Exam: Prof. Dr. Amal Halawa, Prof Dr. Mona Attia, Prof Dr. Doaa Haiba, Assis. Prof Dr. Emad Mishriki, Assis. Prof Dr. Remon Aziz

Committee of exam: Prof. Dr. Fotna Gobran Prof. Dr. Amal Halawa Assis.Prof. Dr. Rabab Amer

Exam for MSC Degree in:
Histology & Cell Biology
Second Semester
Code : HIST8002
Course Title: Methods in Histology
Date: 19/8/2021
Term: August



Tanta University
Faculty of Medicine
Histology & Cell Biology
Department
Time allowed: 3 Hours
Total Marks: 90

Histology MSC exam, 2nd semester

Answer all the following questions:

1. Mention the precautions in the workplaces “Laboratories” during the COVID-19 Pandemic to minimize the risk of infection transmission?
(8 Marks)
2. Discuss methods used for identification of experimental animals.
(10Marks)
3. Differentiate between phase contrast microscope and dark field microscope (principle, components and uses).
(12 Marks)
4. Give an account on weak acids and chelating agents as decalcifying agents (advantages and disadvantages).(10 Marks)
5. Give an account on staining of connective tissue fibers, their principles and medical application. (10 Marks)
6. Discuss the pigmentation artifact that occurs due to fixation and how to avoid and treat it.(9 Marks)
7. Enumerate: (12 Marks)
 - a. Steps of fixation of cells in Suspension.
 - b. three Antibodies labelling methods & describe in twopoints each one.
8. Define the followings: (10 Marks)
 - a. Molar solution.
 - b. Counter staining.
 - c. Regressive Mordants.
 - d. Differentiation.
 - e. Accelerators.
9. Mention the common technical causes of a poor blood smear. (9Marks)

Exam committee

Dr: Naglaa Sarhan, Nafisa Elbakary, Amany Mousa, Amal Abd El HAFEZ

GOOD LUCK



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