



Tanta Faculty of Medicine

Department of General Surgery

Master of Orthopedic Surgery (لائحة 2013)

General Surgery Examination - August 2021

Time: 3 hours

Total marks: 60

All questions should be answered

1-Cardiopulmonary resuscitation (CPR)? (20 Marks)

2-Causes and clinical picture of thoracic outlet syndrome? (20 marks)

3-Clinical picture and management of acute limb ischemia? (20 marks)

Good Luck

الإمتحان الشفوى والإكلينيكى بقسم الجراحة العامة بالمستشفى التعليمى الفرنساوى الدور السابع
يوم الأربعاء ١ سبتمبر الساعة الثامنة صباحاً

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 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

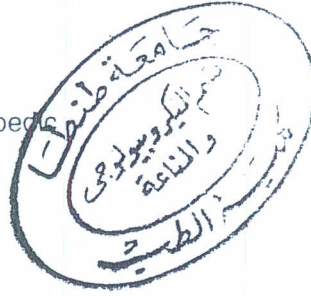
Answer the following Questions (illustrate your answers with diagrams):

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

Examination for MASTER Degree in: Orthopedics
Course Title: Microbiology
Date: 19/08/2021
Term: 1st part
Time Allowed: 1.5 hours
Total Assessment Marks: 30 marks



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1-A 16-year-old boy injures his lower left thigh during a high school football game. The pain associated with this injury is so intense that he has to leave the game. The pain subsides for several hours but returns during the night, and the boy develops chills followed by a fever of 39.5°C. A physician examines him the next morning and notices that the lower left thigh is hot, swollen, and tender. The knee joint appears normal and has a full range of motion. The patient has a temperature 38.3°C. The physician notes several small boils on the boy's neck and chest. Some of these are scarred and crusted, and the patient admits that he has been squeezing them during the past few days. X-rays of the left femur indicate soft tissue swelling without any obvious abnormalities of the bone. (15 marks)

Question 1.1: What is your diagnosis?

Question 1.2: what are the investigations to handle this case?

Question 1.3: What is the probable causative agent?

Question 1.4: How did the patient's bone become infected?

Question 1.5: What is the correct treatment for this disease?

Write short notes o the following :

A_) The microbiological investigations you would use in the management of
Acute Septic Arthritis

B) **Graft Rejection**

C) Diagnosis of **Pott's disease** (5 marks each)

GOOD LUCK

oral exam will be held at 30/8/2021 at 9.0 am

Questions number

Give short note about:

(10 marks each)

- 1- Acute osteomyelitis
- 2- Embolism (Definition, Types and fate)
- 3- Bone granulomas
- 4- Osteogenic sarcoma
- 5- Methods of spread of malignant tumors
- 6- Dystrophic bone lesions

Good Luck!

Head of Pathology Department
Prof. Maha Shamloula