

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*

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*Examination of **Diploma Degree** in Orthopedic Surgery*  
*Orthopedic diseases*  
*Date 1-6-2021*  
*Time allowed **three hours***  
*لائحة 2013*

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**Discuss all of the following:**

- 1- Pathological and radiological staging of Perthes' disease.**
- 2- Diagnosis and complications of Tuberculosis of dorsal spine.**

**Give short notes on:**

- 1- Kienbock's disease.**
- 2- Charcot arthropathy.**
- 3- Osteochondritis dissecans of the knee.**