

Master degree examination in : Orthopedics  
Code No., : Ortho 8002  
Date: 20/8/2019  
Term: August 2019  
Time allowed: \*\* hour  
Total assessment marks: 60 marks



Tanta University  
Faculty of Medicine  
Pathology Department

---

## Questions number

### Give short note about:

( 10 marks each)

- 1- Ewing sarcoma
- 2- Paget's disease of bone
- 3- Osteomyelitis
- 4- Bone cysts
- 5- Methods of spread of malignant tumors
- 6- Pathological calcification

***Good Luck!***

**Head of Pathology Department**  
Prof. Maha Shamloula

Examination for Master Degree in: Orthopedic  
Course Title: Histology  
Date: 17/8/2019  
Term: August  
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 - Describe the histological and molecular structure and function of cell membrane.	6 marks
Q2 - Compare between different types of cartilage cells.	6Marks
Q3- Mention histological structure of compact bone.	6 Marks
Q4- Write a short note on the histological structure of neutrophils?	6 marks
Q5- Describe the histological structure of parathyroid gland?	6 marks

**NB: The oral exam will be after the written exam at 1:00 PM.**

**GOOD LUCK**