



Examination for master degree in **Histology**

Course Title: Hist 8001

Date 17-8-2019

Term: August Tanta University

Total assessment marks: 90

Faculty of medicine

Department of pathology

Give an account on:

- 1- Staging and grading of malignant tumor.
- 2- Type III hypersensitivity reaction.
- 3- Phenomena of acute inflammation.
- 4- Immunohistochemistry (importance of application, false negative and false positive results).
- 5- Pathological calcification
- 6- Difference between necrosis and apoptosis.
- 7- Tissue reaction to viral infection.
- 8- Precancerous lesions.
- 9- Effects of generalized chronic venous congestion on internal organs.
- 10- A male patient presents with abscess in the neck with formation of sinuses which discharge pus containing sulphur granules.
 - a- What is most probable diagnosis?
 - b- Discuss common sites of the disease (in detail).
 - c- Describe microscopic picture of the lesion.

(9 marks each)

Good Luck

NB: practical and oral exam on 19-8-2018 at 10 AM