

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



**Tanta University
Faculty of Medicine
Department of: Histology
Course title: Histology
Date: 18 / 2 /2018**

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

Q1 – Explain the molecular structure of cell membrane.

Q2- Describe the histological structure of Neutrophile.

Q3 – Discuss the histological structure of seminefrous tubules.

Q4 – Explain the histological structure of thyroid gland.

Q5- Discuss histological structure of liver parenchyma

Q6 – Describe the histological structure of lymph node.

NB: The oral exam will be on Sunday 18 /2/ 2018 at one PM .

امتحان الشفوى يوم الاحد عقب انتهاء الامتحان التحريرى

GOOD LUCK

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

Tanta University
Faculty of Medicine
Department Of Medical Biochemistry

Date: 20/2/2018

First Part Surgery exam for Master Degree

Write short notes on:

- 1. Bilirubin metabolism.**
- 2. Tumor markers of:**
 - a- Prostate carcinoma.**
 - b- Colon carcinoma.**
 - c- Breast carcinoma.**
- 3. Ig G.**

Good luck

سيتم عقد امتحان الشفوى يوم الاربعاء الموافق 2018/2/28 فى تمام الساعة
التاسعة

Examination for Master Degree in: General Surgery
Course title: Medical Microbiology & Immunology
Date: 25 /2 / 2018
Term: February 2018
Time allowed: 1.5 hour
Total assessment marks: 30 marks



Tanta University
Faculty of Medicine
Microbiology Department

Answer the following questions:

- 1- Enumerate different mechanisms of action of antibiotics with examples. (5 marks)
- 2- Discuss mechanism and types of graft rejection. (5 marks)
- 3- Mention the causative agent and mode of transmission of the following diseases:
 - a- Toxic shock syndrome. (2.5 mark)
 - b- Subacute bacterial endocarditis (2.5 mark)
 - c- Tetanus (2.5 mark)
 - d- Oral thrush (2.5 mark)
- 4- Discuss mode of infection, laboratory diagnosis and treatment of hepatitis B virus (HBV). (5 marks)
- 5- **A 32 years old school teacher arrived at the emergency room with a two days history of headache and fever. The teacher's wife found her husband in bed confused and highly agitated. When the patient arrived at the emergency room, he was comatosed. Purpuric skin lesions were present on his trunk and arms. Analysis of his spinal fluid showed many pus cells. Gram stain of CSF showed many gram negative diplococci. (1 mark each)**
 - a) What is your diagnosis?
 - b) What is the organism responsible for this disease?
 - c) What are other diseases caused by this organism?
 - d) What should be done to students in contact with this teacher?
 - e) How to avoid this disease in certain community?

Chairman of Department
Prof. Mohamed Zakaria Hussein

Oral exam: Monday 5/3/2018
At 10 am in Microbiology & Immunology Department
GOOD LUCK