

Examination for Master Degree in: General Surgery  
Course Title: SURG 8004  
Date:20/2/2017  
Term: February 2017  
Time Allowed 1.5 Hrs  
Total Assessment Marks: 60



Tanta University  
Faculty of Medicine  
Department of:Pathology

- 1- Compare between ulcerative colitis and Crohn's Disease [12 marks]
- 2- Give differential diagnosis of breast mass [12 marks]
- 3- Mentions methods of spread of malignant tumours [12 marks]
- 4- What about complications of wound healing [12 marks]
- 5- What do you know about Pathology of obstructive jaundice [12 marks]

ORAL EXAM WILL BE HELD ON WEDNESDAY 1/3/2017 10 A.M.

GOOD  
LUCK !!!

Examination for Master Degree in: General Surgery  
Course title: Medical Microbiology & Immunology  
Date: 20 /2 / 2017  
Term: February 2017  
Time allowed: 1.5 hour  
Total assessment marks: 30 marks



Tanta University  
Faculty of Medicine  
Microbiology Department

**Answer the following questions:**

- 1- Enumerate different types of genetic transfer and discuss one of them. (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- Scalded skin 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?

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Chairman of Department  
Prof. Mohamed Zakaria Hussein

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Oral & practical exams: Sunday 26/2/2017  
At 10 am in Microbiology & Immunology Department

*GOOD LUCK*

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



**Tanta University  
Faculty of Medicine  
Department of: Histology  
Course title: Histology  
Date: 13/2/2017**

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

- Q1** – Describe the histological structure and function of the cell membrane?
- Q2** - Discuss the histological structure of the spleen?
- Q3** – Describe the histological structure and function of the neutrophils?
- Q4**– Compare between the histological structure of the duodenum and ileum?
- Q5** – Write a short note on the histological structure of thyroid follicles?
- Q6** – **A**-Draw the electron-microscopic picture of the hepatocyte?  
**B**-Draw the histological structure of the medium sized artery?

**NB: The oral exam will be on Monday 13 /2/ 2017 at 1:30.**

**GOOD LUCK**

**Chairman of Department  
Prof Dr. EHSAN FAROUK SALAH**