



**Tanta University**

**Total: 30Marks**

**Faculty of Medicine**

**Microbiology Department & Immunology**

**Final exam of Genitourinary surgery Diploma**

**Time:1.5 hour**

**Date : 15/8/2018**

- 1- In urological outpatient department flexible cystoscopy was used for bladder cancer : ( 6 marks)
  - a) What is the level of disinfection is needed between patients ? why?
  - b) What are the types of disinfectants can be used ?
  - c) How to test efficiency of these disinfectants?
  
2. A 45 years old male with bladder tumor resection on 18/6 . On 22/6 , patient's abdominal incision has purulent drainage , slight erythema and in duration .Wound drainage for lab culture reveal Ecoli that was ESBL , the patient started antibiotic treatment :
  - a- Is this hospital acquired infections ? If so, what type and Explain ? (4 marks)
  - b- What is the suitable antibiotic for this case and alternatives ? Explain? (4 marks)
  - c- Enumerate bundles for prevention of this type of infection ? (4 marks)
  
3. A surgeon had an injury by scalpel during operation to patient by searching for patient history found the patient is positive for HIV virus , What is the proper management of this case? (4 marks)
  
- 4- **Directions for MCQ:** Each question below contains four suggested responses. Select the one best response to each question (2 marks for each)
  - I- The class of antibodies that works very well in agglutination reaction is:
    - a. IgA
    - b. IgG
    - c. IgM
    - d. IgD



II- . Serum sickness is mediated by :

- a. Cytotoxic T cells of the cell mediated immune system
- b. IgG , IgM and complement
- c. T delayed type hypersensitivity
- d. IgE

III- Hyperacute graft rejection is caused by :

- a. Performed antibodies
- b. CD4 lymphocytes
- c. CD8 lymphocytes
- d. Circulating immune complexes

IV- The cytotoxic T lymphocytes kill target cells by :

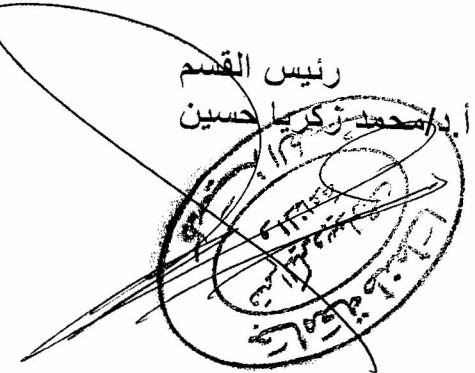
- a. Antibody and complement
- b. Generation of reactive oxygen species
- c. Activation of monocytes
- d. Liberation of perforins

**GOOD LUCK**

٢٠١٨/٨/٢٩ يعقد الامتحان الشفهي يوم الأربعاء

رئيس القسم

أ.د. محمد زكريا حسين



**Tanta University**  
**Faculty of Medicine**  
**General Surgery Exam**  
**Diploma of Urology (Semester I)**  
**Exam: 28 August 2018**  
**Time: 180 minutes**  
**All questions to be answered**

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1. Discuss the pathogenesis, clinical picture, and management of septic shock.  
(10 degrees)
  2. What is the etiology and management of a case of deep vein thrombosis?  
(10 degrees)
  3. Discuss the management of stab wound in the left flank. (10 degrees)
  4. Write short note about clinical picture, complications and differential diagnosis of a case of inguinal hernia. (10 degrees)
  5. What are the steps of preoperative assessment and how to prepare your patient for surgery? (10 degrees)
  6. What is the differential diagnosis and required investigations for a case of a suprapubic mass? (10 degrees)
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إمتحان الكلينيكال والشفوي يوم 2018/9/2 بقسم الجراحة العامة (الدور السابع) بالمستشفى التعليمي  
الجامعي الساعة الثامنة صباحا

Good luck