

Choose the best correct answer ;

1-All the following are true about steam sterilization Except:

- a. Autoclave is adjusted to a temperature of 121 C for 18-20 min. .
- b. Autoclave is more efficient than dry heat.
- c. Autoclave is used for surgical instruments and linens.
- d. Autoclave kills all microorganisms but not necessarily spores. 1

2- Predisposing causes of Nosocomial infections all EXCEPT;

- a- Long and massive antibiotic therapy .
- b- Invasive procedures.
- c- Depressed immunity.
- d- Safe waste management. 1

3- Microbial control methods that kill----- are able to sterilize .

- a) Viruses
- b) T.B
- c) Cysts
- d) Endospores 1

4 -Which of the following is a quinolone antibiotic with broadspecterm activity?

- A. Piperacillin. b. Ciprofloxacin. c. Cefoperazone. d. Imipenem. 1

5-An antibiotic that interferes with the structure or function of (the)would be most likely to have serious side effects.

- a-flagellin. b- DNA c- capsule d-cell wall. 1

6- Suprapubic aspirated urine from a neonate could contain:

- a-E.coli b- Staph. epidermidis. C-Diphtheroids. D- None of the above.

7--Anaphylaxis is a type of:

- a-immediate type hypersensitivity b-delayed type of hypersensitivity
- c-hypersensitivity depending on T cells. d- hypersensitivity depending onCD8 .

8- Graft rejection is ;

- a- B cell dependent. b-T cell dependent c-Antibody dependent d-all of the above

9 -Acquired active immunity can result due to all EXCEPT;

- a-acute disease. b-subclinical disease. c-injection of toxoid. D-injection of IgM. 1

10-Man can resist microbial attack by:

- a-Red blood cells. b-Histamine and serotonin c. Opsonins. d. a + c. 1

11--Anaerobic infection is suspected in all EXEPT;

- a-Open space infection. b- Foul odour pus..
- c) Sinuses and abscess burrowing in deep tissue layer.
- d)Areas with reduced blood supply and necrotic tissues. 1

12- All of the following is true about Staphylococcus aureus EXCEPT:

- a-Is resistant to phagocytosis by neutrophils. b-Produces exotoxins.
- c- Is the most common cause of carbuncle. d-not involved in UTI . 1

13- Graft and tumor rejection are mediated by all of the following EXCEPT:

- a-Phagocytic cells. b-Helper T cells. c-Cytotoxic T cells.
- d-Non-complement fixing antibody. 1

14-Famous microbes causing nosocomial infection ,how to avoid this problem ?6

15-Three of the most suitable antimicrobials used for treatment of UTI ,and their mechanism of action .

GOOD LUCK



Tanta University
Faculty of Medicine

General Surgery_Exam

دبلوم و ماجستير جراحة المسالك البولية

Exam 4 october 2016
All questions to be answered

1. Discuss the pathophysiology, clinical picture and management of septic shock (10 degrees)
2. Discuss the differential diagnosis and investigations of a case of pain in the right iliac fossa (10 degrees)
3. Discuss pre-operative evaluation of a patient undergoing nephrectomy (10 degrees)
4. What is the differential diagnosis and investigations of a case of scrotal mass (10 degrees)
5. What is the etiology and management of a case of deep vein thrombosis (10 degrees)
6. What are the complications of blood transfusion (10 degrees)

امتحان الشفوي والعملي يوم ٢٩/١٠/٢٠١٦ بقسم الجراحة العامة بالمستشفى التعليمي الجديد الدور السابع الساعة الثامنة صباحا

Good luck

Examination for Diploma Degree in: Urology
Course Title: Histology
Date: 1/10/2016
Term: October
Time Allowed:
Total Assessment Marks: 30 marks



Tanta University
Faculty of
Medicine
Department of:
Histology

Answer the following Questions (illustrate your answers with labeled diagrams):

- Q1 - Discuss structure and function of Golgi apparatus. 8 marks
- Q2 - Give an account on smooth muscle. 6 Marks
- Q3 – Describe podocytes with reference to blood renal barrier. 9 Marks
- Q4- Discuss the structure and function of sertoli cell. 7 marks

GOOD LUCK

الشفوي يوم ١ / ١٠ / ٢٠١٦ بعد الإنتهاء من امتحان التحرير:

مباشرة .

Chairman of Department
Prof Dr. EHSAN FAROUK SALAH