

Tanta University

Total: 30Marks

Faculty of Medicine

Microbiology Department & Immunology

Final exam of Genitourinary surgery Master

Time:1.5 hour

Date : 20/2/2017

Directions for MCQ: Each question below contains four suggested responses. Select the one best response to each question (1mark for each)

Q1-Urine sample from patient with catheter associated urinary tract infection was revealed presence of yeast and pseudophyphae ,what is the most common causative organism?

- a.Cryptococcus neofermans
- c.Histoplasma capsulatum

- b.Candida albicans
- d.Coccidides

Q2-One of the most common sexually transmitted diseases that may lead to cervical carcinoma is caused by?

- a.Cytomegalo virus
- c.Herpes simplex virus

- b.Epstein-Barr virus
- d.Papillomavirus

Q3-A hospital worker is found to have hepatitis B surface antigen. Subsequent tests reveal the presence of E antigen as well. Which of the following best describes the worker?

- a. Is infective and has active hepatitis
- b. Is infective but does not have active hepatitis
- c. Is not infective
- d. Is evincing a biologic false-positive test for hepatitis

Q4-HIV most commonly affects:

- a.CD4+helper cells
- c.Macrophages

- b.CD8+cells
- d.Neutrophils

Q5-The drug of choice for treatment of methicillin resistant Staphylococcus aureus?

- a.Cefotriaxone
- c.Stretomycin

- b.Penicillin
- d.Vancomycin



Q6-Which of the following antibiotics inhibits dihydrofolate reductase?

- a. Amphotericin
- b. Chloramphenicol
- c. Penicillin
- d. Trimethoprim

Q7. Which one of the following antibiotics attaches to 50S ribosome and inhibits peptidyl transferase?

- a. Amphotericin
- b. Chloramphenicol
- c. Penicillin
- d. Trimethoprim

Q8. All the followings belong to moist heat EXCEPT:

- a. Autoclave
- b. Boiling
- c. Pasteurization
- d. Incineration

Q9- Lipid A in a cell wall component of:

- a. Gram-positive bacteria
- b. Gram-negative bacteria
- c. Fungi
- d. Algae

Q10. Which of the following is best method for sterilization of surgical dressing?

- a. Hot air oven
- b. Autoclave
- c. Ionizing radiation
- d. Plasma gas

Q11- A woman is accidentally stung by a bee. Within 10 minutes she has asthmatic-like symptoms, which type of hypersensitivity describe this case?

- a. Type I hypersensitivity
- b. Type II hypersensitivity
- c. Type III hypersensitivity
- d. Type IV hypersensitivity

Q12- Match: (4 marks)

- 1. Highly efficient in agglutination
 - 2. Present in mucosal secretions
 - 3. Has role in Opsonization
 - 4. Has role in allergy
- a) IgG
 - b) IgM
 - c) IgE
 - d) IgA



Q13. A patient is kept on ceftriaxone and amikacin empirically , ESBL Klebsiella infection after doing culture .What will you do next?

- Continue with same antibiotic but in higher dose.
- Change ceftriaxone and add ceftazidime.
- Start imipenem in place of ceftriaxone.
- Remove amikacin.

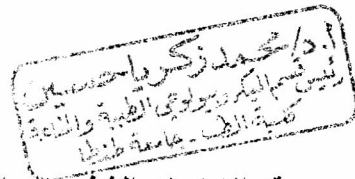
Q14. Mention different mechanisms of graft rejection? (3 marks)

Q15. A 21 year old female was presented with dysuria and urgency. She is sexually active and takes oral contraceptives pills .Microscopic examination of urine sediment reveals 15 pus cells /HPF and numerous bacteria.

- What is the most common causative bacteria of this infection?(1mark)
- What is the most likely reservoir and mechanism by which this organism infects the urinary tract? (1marks)
- If by routine culture , no bacteria found , what is your diagnosis and enumerate causes of this case? (2marks)
- Enumerate the antibiotics that are suitable for urinary tract infections? (2marks)

Q16. Define Superficial surgical site infection , enumerate most common causative organisms , Mention how to prevent ?(5 marks)

GOOD LUCK



يُعقد الامتحان الشفهي و العملي يوم الأحد ٢٦ / ٢ / ٢٠١٧

Tanta University

Master of Science in Genitourinary Surgery

Faculty of Medicine

Anatomy Examination

Human Anatomy & Embryology Dep.

Number of Questions: 4

13/2/2017- Time Allowed: 3 Hours

Total: 30 Marks



GENITOURINARY SURGERY

All questions to be answered

Illustrate your answer with diagram whenever possible:

- 1. A. Mention** the relations of both ureters on the posterior abdominal wall. **(4 marks)**

B. Identify the surface anatomy of the kidneys on anterior and posterior abdominal walls. **(3 marks)**
- 2. A. Mention** the relations of the urinary bladder. **Outline** the effect of fracture pelvis on the urinary bladder. **(6 marks)**

B. Discuss the lobes of the prostate. **Outline** the effect of senile enlarged prostate. **(6 marks)**
- 3. Describe** the course, relations and branches of the pudendal nerve. **(6 marks)**
- 4. Explain** the development of testis and **mention** the factors affecting its descent. **(5 marks)**

END OF THE EXAM

Oral and Practical Examination:

On Tuesday 14 / 2/ 2017 at 9.5 o'clock in the Anatomy Department
(Second floor)

WITH MY BEST WISHES

Chairman of Department: Prof. Dr. Mona Zoair