

IV- Multiple Choice Questions (15 marks):

1- Contraindications of streptokinase include:

- a. Pulmonary embolism
- b. Recent surgical incisions
- c. Deep venous thrombosis.
- d. Acute myocardial infarction

2- Ketotifen is a useful drug for prophylaxis of asthma & rhinitis which acts by:

- a. Stabilizing the mast cells
- b. Increasing cyclic AMP
- c. Reducing cyclic AMP
- d. Blocking leukotrienes receptors

3- Optic neuritis and decreased visual acuity may occur as adverse effects of:

- a. Isoniazid
- b. Pyrazinamide
- c. Ethambutol
- d. Rifampin

4- Exaggerated normal action in response to a small therapeutic dose of a certain drug refers to:

- a. Hypersensitivity.
- b. Supersensitivity.
- c. Habituation.
- d. Idiosyncrasy.

5- Atropine substitute that is frequently used for treatment of chronic obstructive pulmonary disease:

- a. Emepronium
- b. Pirenzpine
- c. Ipratropium
- d. Benzotropine

6- Adverse effects of furosemide include:

- a. Hyperkalemia
- b. Hypocalcemia
- c. Hyponatremia
- d. Hypoglycemia

7- Which of the following is a first generation antihistaminic?

- a. Fexofenadine
- b. Loratidine
- c. Astemizole
- d. Cyclizine

8- Red man syndrome may occur as a hypersensitivity reaction to:

- a. Amoxicillin
- b. Cefoperazone
- c. Amikacin
- d. Vancomycin

9- Which of the following may be sufficient for asthma that is mild and intermittent?

- a. Oral corticosteroid
- b. An inhaled short-acting beta-2 agonist
- c. An inhaled long-acting beta-2 agonist
- d. Oral theophylline

10- Which of the following is FALSE regarding fluoroquinolones?

- a. They decrease plasma theophylline levels.
- b. May cause photosensitivity.
- c. They are the agents of choice for treatment of prostatitis.
- d. They are active against aerobic gram-negative bacteria including pseudomonas.

11- Which of the following has a strong antitussive effect?

- a. Bromhexine
- b. Dextromethorphan
- c. Acetyl cysteine
- d. Guaifenesin

12- Aspirin in small dose may be used for management of:

- a. Peptic ulcer.
- b. Coronary heart disease.
- c. Non-cardiogenic pulmonary edema.
- d. Metabolic acidosis.

13- Which of the following is NOT an adverse effect of heparin:

- a. Xerostomia
- b. Osteoporosis
- c. Hair loss
- d. Bleeding

14- Orange red discoloration of urine may occur due to:

- a. Isoniazid
- b. Pyrazinamide
- c. Ethambutol
- d. Rifampin

15- Dermal vascular necrosis may occur as an adverse effect of:

- a. Warfarin
- b. Heparin
- c. Fondaparinox
- d. Dabigatran

انتهت الأسئلة
GOOD LUCK

تنبیه هام: سيتم بمشيئته تعالى عقد الإمتحان الشفوى بقسم الفارماكولوجى يوم السبت الموافق
28 أغسطس 2021 الساعة التاسعة صباحا مع الإلتزام بكافة الإجراءات الاحترازية.

Tanta University

Faculty of Medicine

Microbiology & Immunology Department

Master of Chest Diseases

(Microbiology)

Date: 24 /8/2021 Time allowed: one Hour

-Answer the following questions:

1- Give an account on:

(8 Marks- 2 mark each)

- a) Bacterial endospore
- b) Difference between endotoxin and exotoxin
- c) Methods of limitation of drug resistance
- d) Tamiflu

2- Mention the causative organism, and methods of diagnosis of each of the following:

(6 Marks-3marks each)

- a) Fungus ball
- b) Wool Sorter's Disease

3-Give an account on the causative organisms, Diagnosis , and, prophylaxis of each of the following:

(6 Marks-3 marks each)

- a) Avian flow.
- b) Pneumonic plague.

4-Give an account on significance and uses tuberculin test.

(10 Mark)

يعقد الامتحان الشفوي يوم الاثنين الموافق 30/8/2021 بقسم الميكروبيولوجي الساعة العاشرة صباحا.

رئيس القسم
ا.د. محمد زكريا حسين



Pathology examination for Master degree in: Chest

Code No.: chest 8003

Date: 24/8/2021

Term: August 2021

Time Allowed: 1 hour

Total Assessment Marks: 30



Tanta University
Faculty of Medicine
Department of: pathology

<i>Questions Number</i>	<i>Marks</i>
Q1- Comment about pyemia.	10
Q2- Short notes about primary plrural tumours.	10
Q3- What you know about lung neuroendocrine carcinomas.	10

NB : Time of oral exam.: Monday : 6/9/2021---- 11 A.M.

M.Sc. Internal Medicine Exam.

Tanta University

Date 17/8/2021

Faculty of Medicine

Time Allowed: 1 hour

Pharmacology Department

NO. of questions: 4

Total : 45 marks



All questions are to be answered.

1-Give an account on: (9 marks)

- a- Captopril (uses , contraindication).
- b- Glimepride (advantages , drug interaction).
- c- Metoclopramide (dynamics , uses).

2-Mention the lines of treatment of the following cases : (8 marks)

- a- Typhoid fever.
- b- Iron deficiency anaemia.

3-Give reason: (4 marks)

- a- Statins are administered at bed time.
- b- Iatrogenic ulcers caused by NSAIDs. are better prevented and treated by prostaglandin analogue (misoprostol).
- c- Na nitroprusside is not used for long term therapy.
- d- Non selective B-blockers are contraindicated in diabetic patients.

4-M.C.Q. : (24 marks)

1. Time taken for slow digitalization is :

- a. 6 hours
- b. 20 hours
- c. 15 days
- d. 7 days

M.Sc. Internal Medicine Exam.

8. Glyceryl trinitrate is given by sublingual route because of the following kinetic property :

- a. Short $t_{1/2}$ in plasma
- b. High hepatic first pass metabolism by oral route
- c. High bioavailability by oral route
- d. Extensive protein binding

9. Vasodilator which produces methemoglobinemia in the body :

- a. Minoxidil
- b. Hydralazine
- c. Sodium nitroprusside
- d. Diazoxide

10-Indicate the opioid analgesic, which has 80 times analgesic potency and respiratory depressant properties of morphine ?

- a. Fentanyl
- b. Pentazocine
- c. Meperidine
- d. Methadone

11-Which of the following drugs combination shows antimicrobial synergism?

- a. Erythromycin + Chloramphenicol
- b. Penicillin + Aminoglycosides
- c. Ampicillin + Tetracycline
- d. Chloramphenicol + Aminoglycosides

12-AVOID sudden stop in the following drugs :

- a. Calcium channel blockers
- b. B- Blockers
- c. Clonidine
- d. B & C

Examination for Diploma & Master degree internal
Medicine

Course Title: Histology

Date: 17/8/2021

Term: August

Time Allowed:

Total Assessment Marks: 15 marks



University
Faculty of Medicine
Department of:
Histology

Answer the following Questions (illustrate your answers with diagrams):
Give an account of

Questions Number	Marks
Q1 – Lingual papillae (draw and label only)	4 marks
Q2 –Reticulocyte	4Marks
Q3- Pineal body.	4 Marks
Q4- Mitochondria	3 marks

NB: The oral exam will be held on 17-8-2021 at 1:00 PM.

GOOD LUCK



INTERNAL MEDICINE ANATOMY EXAMINATION

All questions to be answered

1. Describe the surface anatomy, lobes, fissures and impressions of the left lung. (11 marks)
2. Write short essay about each of the following: (Total 11 marks)
 - a. Surface anatomy of liver (7 marks)
 - b. Stomach bed (4 marks)
3. Discuss relations and blood supply of thyroid gland. (8 marks)
4. Enumerate muscles derived from first branchial arch and mention its blood and nerve supply (7 marks)
5. Discuss the arterial blood supply to the spinal cord. (8 marks)

**END OF THE EXAM
WITH MY BEST WISHES**

Oral Examination:

On 31 /8/2021 at 10 o'clock in the Anatomy Department (Second floor)

Committee of the Exam: Prof. Dr. Amal Halawa, Prof. Dr. Mona Attia, Prof. Dr. Doaa Haiba, Assis. Prof Dr. Emad MIshriki, Assis. Prof Dr. Remoon Aziz

Committee of medicine Exam: Prof. Dr. Amal alKatan, Prof Dr. mamdoh abdalaziz, Prof Dr. Manal elsawaf, Dr. Remon Aziz

Pharmacology Written Exam for M.Sc. Urology 19/8/2021

Pharmacology department
Faculty of Medicine
Tanta University

Date: 19/8/2021
Time allowed: 1 hour
Number of Questions: 4
Total: 30 Marks



All questions must be answered

I- Give an account on the following: (6 marks)

- a- Cephalosporins (Classification, dynamics and adverse effects).
- b- Drugs causing acute tubular necrosis.

II- Discuss each of the following: (7 marks)

- a- Drug therapy for urinary incontinence.
- b- Management of shock.

III- Give reason why? (2 marks)

- a- Morphine is contraindicated alone in renal colic.
- b- Fluoroquinolones should be avoided in children less than 18 years old.

IV- Multiple Choice Questions: (15 marks)

1- Chelation of heavy metals by EDTA is considered:

- a. Pharmacokinetic antagonism.
- b. Chemical antagonism.
- c. Physiological antagonism.
- d. Receptor block.

2- Adverse effects of furosemide include the following EXCEPT:

- a. Hyponatremia.
- b. Hypokalemia.
- c. Hypercalcemia.
- d. Hyperglycemia.

Pharmacology Written Exam for M.Sc. Urology 19/8/2021

3- Which of the following agents is hepatic microsomal enzyme inducer?

- a. Isoniazid.
- b. Tobacco smoking.
- c. Valproic acid.
- d. Erythromycin.

4- Anti-dopaminergic agent that is used for treatment of nausea and vomiting:

- a. Ondansetron.
- b. Aprepitant.
- c. Nimesulide.
- d. Domperidone.

5- Lack of anti-diuretic hormone causes diabetes insipidus. Which of the following drugs may be prescribed to combat this disorder?

- a. Insulin
- b. Metformin
- c. Desmopressin
- d. Octreotide.

6- Aspirin in small dose may be used for management of:

- a. Peptic ulcer.
- b. Pre-eclampsia in pregnant women.
- c. Non-cardiogenic pulmonary edema.
- d. Metabolic acidosis.

7- The therapeutic efficacy of angiotensin converting enzyme inhibitors as antihypertensive agents is blunted by NSAIDs because NSAIDs:

- a. Cause sodium excretion
- b. Increase the clearance of antihypertensive drugs.
- c. Decrease the absorption of antihypertensive drugs.
- d. Decrease the synthesis of vascular prostacyclin.

Pharmacology Written Exam for M.Sc. Urology 19/8/2021

8- Anti-gout medication that inhibits microtubule synthesis:

- a. Febuxostat
- b. Colchicine
- c. Probenecid
- d. Sulphinpyrazone

9- Which of the following drugs causes hyperkalemia?

- a. Thiazide diuretics
- b. Loop diuretics
- c. Succinylcholine
- d. Corticosteroids

10- A drug with low therapeutic index indicates:

- a. It can be used by intravenous injection
- b. It can be used orally
- c. It is safe for long term use
- d. It is a potentially toxic substance

11- Which of the following is the antibiotic of choice for treatment of chronic bacterial prostatitis?

- a. Penicillin G
- b. Cefalexin
- c. Neomycin
- d. Fluoroquinolones

12- Clopidogrel acts as an antiplatelet agent by:

- a. Inhibits thromboxane A₂ synthase enzyme.
- b. Inhibits the binding of adenosine diphosphate to its platelet P₂Y₁₂ receptors.
- c. Blocks the uptake of adenosine by the platelets.
- d. Inhibits binding of fibrinogen to glycoprotein IIb/IIIa receptors on the platelets.

Pharmacology Written Exam for M.Sc. Urology 19/8/2021

13- Lacrimation, rhinorrhea, chills, hyperventilation, hyperthermia, mydriasis, muscle ache, vomiting, diarrhea, anxiety, and hostility are effects of:

- Tolerance to opioids.
- Opioid overdose.
- Drug interactions between opioid analgesics and sedative-hypnotics
- Opioid withdrawal.

14- The following are intermediate-term potential adverse effects of corticosteroids EXCEPT:

- Weight gain
- Hyperkalemia
- Hyperglycemia
- Glaucoma

15- Which of the following is NOT an adverse effect of gentamicin?

- Ototoxicity
- Nephrotoxicity
- Skeletal muscle relaxation
- Dark brown discoloration of urine

انتهت الأسئلة

GOOD LUCK 😊

تنبيه هام: سيتم بمشيئته تعالى عقد الامتحان الشفوي بقسم الفارماكولوجى يوم السبت الموافق 28 أغسطس 2021 الساعة التاسعة صباحا مع الإلتزام بكافة الإجراءات الاحترازية.



Department of physiology

Time allowed: Three hours

Total marks: 30

Physiology
MSC of Urology

Tanta University
Faculty of Medicine
Code: UROL 8002
Date: 19 /8 / 2021

All the questions must be answered:

1- Discuss: Mechanism and significance of renal countercurrent system. (8 marks)

2- State: Renal handling of potassium in different renal tubules. (7 marks)

All the following must be answered by only one choice (15 marks)

1- Which of the following is function of insulin:

- | | |
|--------------------------------|------------------------------------|
| a. Stimulate lipolysis. | c. Promote protein anabolism. |
| b. Promote protein catabolism. | d. Increase blood potassium level. |

2- Hemophilia is characterized by :

- | | |
|----------------------------------|---------------------------------|
| a. Prolonged bleeding time. | c. Prolonged coagulation time. |
| b. Decrease number of platelets. | d. Abnormal platelet function . |

3- Which of the following contain muscarinic receptors:

- | | |
|-----------------------|------------------------|
| a. Adrenal medulla. | c. Eccrine sweat gland |
| b. Autonomic ganglia. | d. Motor end plate. |

4- Stimulation to beta 2 adrenergic receptors induce :

- | | |
|---------------------------------|----------------------------|
| a. Bronchoconstriction. | c. Coronary vasodilatation |
| b. Increase gastric secretion . | d. Pupil constriction. |

5- Cyanotic threshold normally equal:

- a. 5 gm % arterial blood.
- b. 5 gm % capillary blood.
- c. 5 mg % arterial blood.
- d. 5 mg % capillary blood.

6- Visceral pain is characterized by:

- | | |
|---|--------------------------------------|
| a. Never referred. | c. Well localized |
| b. Rigidity of overlying skeletal muscle. | d. Induce flexion withdrawal reflex. |

7- Venous return is decreased by:

- | | |
|----------------------------------|---|
| a. Vasodilatation of arterioles. | c. Increase negative intrapleural pressure. |
| b. Venodilatation. | d. Venoconstriction |

Look to back

Tanta University

Faculty of Medicine

Department of Medical Biochemistry

Urology " MS "

(August/2021)

Write on:

- 1- List the important chemical investigations in patients with chronic renal failure. For each test listed indicate the nature of abnormality and explain the reason for its occurrence.
- 2- Types, precipitating factors and clinical investigations for renal stones.

Good Luck

السيد (11 - 10) من (15/1/2021) إلى

1 Orthopedic exam for MSc AUGust 2021

Tanta University

Pharmacology Written Examination

Faculty of Medicine

Number of Questions: 4

Pharmacology Department

Time Allowed: 1 Hour

Date: 22/8/2021

Total: 30 Marks



1-Give an account on the following (6 marks):

- a) Bisphosphonates (dynamics, preparations, uses and adverse effects).
- b) Ceftriaxone (kinetics, uses and side effects)

2-Lines of treatment of the following (6 marks):

- a) Acute and chronic gout.
- b) Rheumatoid arthritis.

3-Give reason (3 marks):-

- a) Osteoporosis and glaucoma are contraindications of corticosteroid therapy.
- b) Meropenem is better than imipenem.
- c) Thiazide diuretics are contraindicated in gout.

4- MCQs (15 marks):

1-What is the reason of complicated penetration of some drugs through brain-blood barrier?

- a) High lipid solubility of a drug
- b) Meningitis
- c) Absence of pores in the brain capillary endothelium
- d) High endocytosis degree in a brain capillary.

2-In case of liver disorders accompanied by a decline in microsomal enzyme activity the duration of action of some drugs

is:

- a) Decreased
- b) Enlarged
- c) Remained unchanged
- d) Changed insignificantly.

3 Orthopedic exam for MSc AUGast 2021

- a) The parathyroid hormone (PTH) is a single-chain peptide hormone composed of 84 amino acids
- b) The parathyroid hormone increases calcium and phosphate absorption in intestine (by increased 1,25-dihydroxyvitamin D3 production)
- c) The parathyroid hormone increases serum calcium and decreases serum phosphate
- d) The parathyroid hormone increases calcium excretion and decreases phosphate excretion in kidneys.

10-Mechanism of action of calcitonin is:

- a) Inhibits hydroxyapatite crystal formation, aggregation, and dissolution
- b) Raises intracellular cAMP in osteoclasts
- c) Activates bone resorption
- d) Inhibits macrophages.

11-Glucocorticoid hormones alter bone mineral homeostasis:

- a) By antagonizing vitamin D-stimulated intestinal calcium transport
- b) By stimulating renal calcium excretion
- c) By increasing parathyroid hormone stimulated bone resorption
- d) By all of the above.

12-Side effect of vitamin D3 is:

- a) Defective bone mineralization
- b) Metastatic calcifications
- c) Hepatic toxicity
- d) Nephrolithiasis.

13- Interactions with other drugs of phosphorus is:

- a) Amiloride: decrease renal excretion
- b) Glucocorticoids: decrease absorption
- c) Loop diuretics: increase renal excretion
- d) Calcitonin: increases renal excretion.

14-Indication for calcium administration is:

- a) Failure of formation of vitamin D in skin
- b) Malabsorption of vitamin D from intestine
- c) Hypercalcemia of malignancy
- d) Vitamin D deficiency.

15-Lincosamides have the following unwanted effect:

- a) Nephrotoxicity
- b) Cancerogenity
- c) Pseudomembranous colitis
- d) Irritation of respiratory organs.

Oral exam at 28/8/2021 at 9 am in pharmacology department