

MS.c general surgery Exam. حديث

Pharmacology department  
Faculty of Medicine  
Tanta University

Date: 23-2-2022  
Time allowed: 1 hour  
Number of Questions: 4  
Tota : 30 marks



**Answer all the following questions**

**1. Give short notes on: [ 9 marks]**

- a. Warfarin sodium (control of dose – adverse effects)
- b. Local anesthetics (mechanism of action – adverse effects)
- c. Cephalosporins (examples- mechanism of action – adverse effects)

**2. Mention the lines of treatment of the following cases: [ 6 marks]**

- a. Thyrotoxicosis
- b. Ulcerative colitis

**3. Give reason: [2 marks]**

- a. Morphine is not preferred as pre-anesthetic medication
- b. Fluoroquinolones should be avoided in Children up to age of 18 years.

**4. M.C.Q.: [13 marks]**

1. Morphine is contraindicated in which one of the following conditions
  - a. Head trauma
  - b. Regional anesthesia
  - c. Pulmonary edema
  - d. Neurogenic shock
  
2. As regard Meperidine actions which of the following is accurate ?
  - a. Antagonist at  $\mu$  (mu) receptors
  - b. Has atropine- like action
  - c. More potent analgesic than morphine
  - d. More depression of respiratory center than morphine
  
3. Which of the following is anti-Cholinergic is preferred in preanesthetic medication
  - a. Hyoscine
  - b. Tropicamide
  - c. Benztropine
  - d. Empronium

4. **Which one of the following is the non Steroidal Anti-inflammatory Drug (NSAID) of choice for male patient complaining of muscle pain and history of gastritis**
- Indomethacin
  - Ibuprofen
  - Aspirin
  - Celecoxib
5. Which one of the following is an oral direct factor X inhibitor
- Enoxaparin
  - Warfarin
  - Dabigatran etixalate
  - Rivaroxban
6. Which One of the following is a Side effect of furosemide
- Hypoglycemia .
  - Hypokalemia
  - Hypertension.
  - Hypernatremia
7. Which one of the following is an adverse effect is produced by Glucocorticoids ?
- Increased risk of infection
  - Hemorrhage
  - Hypoglycemia
  - Weight loss
8. Which of the following is the antiemetic act mainly by blocking serotonin 5HT<sub>3</sub> receptors
- Diphenhydramine
  - Ondansetron
  - Cyclizine
  - Hyoscine
9. Which one of the following is a **prokinetic** drug ?
- Dicyclomine
  - Metoclopramide
  - Hyoscine
  - Ondansetron
10. Which one of the following describe the mechanism of action of Atenolol
- Angiotensin II receptor blocker
  - Central  $\alpha_2$  agonist
  - Beta adrenergic blocker
  - Angiotensin-converting enzyme (ACE) inhibitor

11. Sulphonylureas are used in which one of the following conditions

- a. All cases of type I diabetes (IDD)
- b. Non-obese non complicated type II diabetes (N.I.D.D.)
- c. Type II diabetes (N.I.D.D.) during surgery
- d. Hyperglycemia during pregnancy

12. Which of the following is an inotropic agent used in treatment of shock

- a. Clonidine
- b. Diphenhydramine
- c. Dobutamine
- d. Hydrocortisone

13. 65 years old lady was brought to the hospital unconscious with severe hyperglycemia. Which one of the following insulin preparation is of choice for her management in emergency

- a. Glargine
- b. Soluble regular
- c. Neutral Protamine Hagedorn (NPH)
- d. Detemir

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امتحان الشفوى بالقسم يوم 23 فبراير بعد امتحان النظرى مباشره

GOOD LUCK

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**Examination for Master  
Degree in: General surgery  
Term: February  
Time Allowed: 3h  
Total Assessment Marks: 60marks**



**Tanta University  
Faculty of Medicine  
Department of: Histology  
Course title: Histology  
Date: 19/ 2 /2022**

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

**Q1 – Describe the histological structure of granular leucocytes.**

**Q2- Compare between histological structure of ileum and duodenum.**

**Q3 – Enumerate the membranous organelles and give a short note on smooth endoplasmic reticulum (SER).**

**Q4 – Explain the histological structure of the pancreas.**

**Q5- Describe the histological structure of the spleen.**

**Q6 – Describe general histological structure of the wall of blood vessels and enumerate types of blood capillary.**

**NB: The oral exam will be on 19 /2/ 2022. At one O'clock**

**GOOD LUCK**

**Chairman of Department  
Prof Dr. Naglaa Ibrahim**

Tanta University  
Faculty of Medicine  
Department of General Surgery

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Master of Obstetrics and Gynecology (According to 2013 Bylaws)

General Surgery Examination – February 2022

Date: 21 Feb 2022

Time: 3 hours

Total Marks: 60

All questions should be answered

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- 1) Causes, types, presentation and management of Shock?  
(20 Marks)
- 2) Clinical picture, investigation and management of Rt iliac fossa pain? (20 Marks)
- 3) Differential diagnosis, investigations and management of breast mass? (20 Marks)

GOOD LUCK

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الامتحان الاكلينيكي و الشفوى بقسم الجراحة العامة بالمستشفى التعليمي الفرنساوى  
(الدور السابع)

يوم السبت ٥ مارس ٢٠٢٢ الساعة الثامنة صباحا