

Diploma 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]

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

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

- Thyrotoxicosis
- Ulcerative colitis

3. Give reason: [2 marks]

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

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

- Morphine is contraindicated in Which one of the following conditions**
 - Head trauma
 - Regional anesthesia
 - Pulmonary edema
 - Neurogenic shock
- As regard Meperidine actions which of the following is accurate**
 - Antagonist at μ (mu) receptors
 - Has atropine- like action
 - More potent analgesic than morphine
 - More depression of respiratory center than morphine
- Which of the following is anti-Cholinergic is preferred in preanesthetic medication**
 - Hyoscine
 - Tropicamide
 - Benztropine
 - 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 5HT₃ 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 α_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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GOOD LUCK