

امتحان الفرقة الثانية فارما ترم اول 2016/ 2017م

فارما

Zagazig University	Theoretical Exam
Faculty of Nursing	Subject/ Pharmacology 1 st paper
Band/	Time/ 3 hours
Department of Pharmacology	Total score/ 60 marks
Date: 4/1/2017	Number of questions/ four
Final Exam	Number of pages/ four

Answer all of the following questions:

First question:

(Total marks 15)

- A- Mention advantages and disadvantages of intramuscular injection. (5 marks)
- B- Give therapeutic uses and side effects of atropine. (5 marks)
- C- Give the mechanism of action, uses and side effects of captopril. (5 marks)

Second question:

(Total marks 15)

- A- Mention general measures that should be taken during treatment of hypertension. (5 marks)
- B- Classify Benzodiazepine according to their duration of action. Give their uses, adverse effects. Name its antagonists. (5 marks)
- C- List three sulphonylurea drug refer to its mechanism of action and side effects. (5 marks)

Third question:

(Total marks 10)

- A- List three different antiemetic with reference to their mechanism of action. (5 marks)
- B- Name three quinolones. Give uses and adverse effects. (5 marks)

Fourth question (MCQs):

(Total marks 20)

- 1) **The following statement is INCORRECT:**
 - A. Tolerance means decreased or failed response to drugs
 - B. Chronic toxicity produced by chronic drug use
 - C. Inhalation cause local effect only
 - D. Subcutaneous injection may cause lipoatrophy
 - E. Delayed absorption of drug occur in case of shock
- 2) **The following statements are correct EXCEPT:**
 - A. Stimulation of β_1 adrenoceptors cause increase in all cardiac properties
 - B. Dopamine is used in cardiac arrhythmia
 - C. Adrenaline intracardiac is used in cardiac arrest
 - D. Dobutamine is given in heart failure.
 - E. Noradrenaline is given in hypotension
- 3) **As regard the side effect of drug, the following statement is INCORRECT:**
 - A. Adrenaline may cause arrhythmia
 - B. Noradrenaline may cause hypersensitivity reaction
 - C. Salbutamol may cause tremors
 - D. All of the above incorrect
 - E. All of the above correct
- 4) **As regard digoxin:**
 - A. Inhibit ATPase enzyme
 - B. Direct positive inotropic
 - C. Decrease cardiac output
 - D. A,B&C are correct
 - E. A&C are correct
- 5) **As regard diuretics, the following statement is INCORRECT:**
 - A. Loop diuretic are used in hypercalcemia
 - B. Spironolactone causes hypokalemia
 - C. Amiloride blocks Na^+ channel
 - D. Acetazolamide is carbonic anhydrase inhibitor
- 6) **Heparin is used in:**
 - A. Deep venous thrombosis
 - B. Hypertension
 - C. During cardiac and vascular surgery
 - D. All are correct
 - E. A&C are correct
- 7) **The following statements are correct EXCEPT:**
 - A. Salbutamol used in acute stage of bronchial asthma
 - B. Ipratropium is muscarinic antagonist
 - C. Aminophylline is phosphodiesterase inhibitor
 - D. Montelukast is leukotrien antagonist
 - E. Salbutamol is mast cell stabilizer

8) As regard adverse effect of omeprazole, the following statement is INCORRECT:

- A. Nausea and abdominal colic
- B. Constipation
- C. Headache and dizziness
- A. Allergy
- E. Hypochlorhydria

9) Morphine is contraindicated in following EXCEPT:

- A. Acute heart failure
- B. Bronchial asthma
- C. Acute abdomen
- D. Head injury
- E. Labour

10) As regard aspirin, the following statements are correct EXCEPT:

- A. It cause hyperacidity
- B. It used in gouty arthritis is small dose
- C. It is contraindicated in bleeding tendency
- D. In toxic dose it causes hyperpyrexia
- E. It is used in rheumatic fever

11) In Preanaesthetic Medication:

- A. Diazepam is used are sedative
- B. Morphine is used as analgesic
- C. Atropine is used as anti excretory
- D. A and B are correct
- E. A,B&C are correct

12) Penicillin has the following actions EXCEPT:

- A. May cause anaphylactic shock
- B. Used to treat tonsillitis
- C. Superinfection
- D. It is active in pneumonia
- E. Not used in meningitis because it is not pass through BBB

13) Sulphonamides have the following actions EXCEPT:

- A. Bactericidal
- B. May cause crystalluria
- C. May cause agranulocytosis
- D. Used in urinary tract infection
- E. Used in meningitis

14) Macrolides are the following antibiotics:

- A. Erythromycin
- B. Gentamycin
- C. Azithromycin
- D. Clarithromycin
- E. Clindamycin

15) Mechanism of action of carbimazole are the following EXCEPT:

- A. Decrease synthesis of mono-iodotyrosine and di-iodotyrosine
- B. Increase coupling of iodotyrosines
- C. Decrease conversion of iodide to elementary iodine
- D. Decrease organification of iodide and so, thyroid hormones
- E. Decrease T3 and T4 synthesis

- 16) As regard corticosteroids the following correct EXCEPT:
- A. Have anti inflammatory effect
 - B. Inhibit antigen antibody reaction in bronchial asthma
 - C. Mast cell stabilizer
 - D. All of the above
 - E. None of the above
- 17) As regard corticosteroids the following statements are correct EXCEPT:
- A. They can be used in nephritic syndrome
 - B. Peptic ulcer may occur with their use
 - C. Hypotension one of their side effects
 - D. They can be used in organ transplantation
 - E. Cushing syndrome one of their side effects
- 18) Pharmacological actions of corticosteroids are the following EXCEPT:
- A. Increase protein synthesis
 - B. Hypoglycemia
 - C. Sodium and water retention
 - D. Anti-inflammatory
 - E. Immunosuppression
- 19) As regard insulin the following statements are correct EXCEPT:
- A. It may cause hypoglycemia
 - B. It uses in diabetic coma
 - C. Insulin resistance may occur
 - D. It is synthesized by alpha cell of the pancreas
 - E. Skin atrophy one of its complications
- 20) In pregnancy the following antiemetic is preferred:
- A. Ondansetron
 - B. Dronabinol
 - C. Vitamin B6
 - D. Chlorpromazine
 - E. Dimenhydrinate

Wishing good luck and success

Prof. Dr./ El-Sayed Kamel

