



**1<sup>st</sup> term exam**

**Please answer all the following questions:**

**Q1. Discuss the following: (7 marks)**

- a) The effect of reserpine, adrenaline and propranolol on blood pressure. ( 2 marks)
- b) Atropine and gallamine as preanaesthetic medications. ( 2 marks)

**Q2. Mention the mechanism of action of local anaesthetic drugs. ( 3 marks)**

**Q3. Write a short account on serotonin, its pharmacological actions and therapeutic uses. Refer to its antagonists, their pharmacological actions and therapeutic uses. (6 marks)**

**Q4. Compare between the following: (6 marks)**

- a) Factors affecting on hepatic and renal elimination of drugs. (3 marks)
- b) Suxamethonium and tubocurarine as skeletal muscle relaxants. ( 3 marks)

**Q5. Write short notes on the following: (6 marks)**

- a) The cardiovascular action of caffeine and its uses in congestive heart failure. (3 marks)
- b) Therapeutic uses of strychnine and barbiturates. (3 marks)

**Best wishes**

Prof. Dr. Kamal Ahmed El Shazly