**Faculty of Veterinary Medicine Student Name:**

**Department of Pharmacology Academic number:**

 **Time allowed: 15 minutes**

**First quiz on General Pharmacology and Autonomic nervous system**

**(course 303) for 3rd,4th and 5th levels**

**N.B: All questions are obligatory to be answered (Total mark 10)**

**Question one**

**Choose the correct answer (7 Marks, one for each)**

1. **The followings are excreted faster in basic urine**

a-Weak acids

b-Strong acids

c-Weak bases

d-None of the above

1. **Which of the following is a phase II drug metabolizing reaction?**

a-Acetylation

b-Deamination

c-Hydrolysis

d-Reduction

1. **What does pharmacokinetics include?**

a-Localization of a drug action

b-Mechanism of drug action

c-Excretion of substances

d-Interaction of substances

1. **Which of the following agents is most effective in regenerating cholinesterase associated with skeletal muscle neuromuscular junction?**

a-Sucinilcholine

b-Paralidoxime

c-Pirenzipine

d-None of the above

1. **Which of the following effects is related to Beta 1- adrenoceptor stimulation?**

a-Bronchodilatation

b-Vasodilatation

c-Tachycardia

d-Bradycardia

 (Please turn over the page)

1. **The mechanism of atropine action is**

a-Competitive ganglionic blocker

b-Competitive muscarinic blocker

c-Competitive neuromuscular blockade

d-Non- competitive neuromuscular blockade

1. **Indicate a reversible cholinesterase inhibitor**
2. Isoflurophate
3. Carbachol
4. Physostigmine
5. Prathion

**Question Two**

**Complete (3 Marks, one for each)**

1. ………………………………………………… and ……………………………………………………. are examples of official books of drugs.

1. ………………………………………………… is a parenteral route of administration which is suitable for mild irritant, colloids and suspension.
2. …………………………………………………. is defined as the maximum toxic but not fatal dose.

**(End of questions)**

 **Best Wishes**

 **Prof. Dr. Samar M. Mouneir**