**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**

**Question one (5 marks, one for each)**

**Choose the correct answer(s)**

1. **Which of the following statements is incorrect?**

a-Somatic nerve fibers are cholinergic

b-All post ganglionic sympathetic nerve fibers are adrenergic

c-Adrenal medulla secretes catecholamines

d-none of the above

1. **Which of the following statements is correct?**
2. Alpha 2 adrenergic agonist inhibits release of noradrenaline
3. Propranolol is a non-selective beta blocker
4. Bradycardia, miosis and urination are pharmacological actions of anticholinesterases.
5. All the above
6. **Which of the following atropine substitutes is indicated in spasm of GIT and bile duct?**
7. Propantheline
8. Homatropine
9. Biperiden
10. Ipratropium
11. **Indicate a selective beta 1 agonist**
12. Adrenaline
13. Phenylephrine
14. Dobutamine
15. Propranolol
16. **Pharmacological actions of nicotine include all the following except**
17. Tachycardia
18. Increased gastric secretions
19. Hypotension
20. Repeated administration produce tolerance

 **(Turn over the page)**

**Question two**

**Complete (5 marks, one for each)**

1. Adrenaline and histamine is an example of ………………………………. Antagonism
2. …………………………………. Is defined as unusual resistance of the body to the ordinary dose of the drug.
3. The ratio of median lethal dose to the median effective dose is defined as …………………………………………………………
4. ……………………………………...could bind to the receptor but lack intrinsic activity.
5. ………………………………is a type of adrenergic receptors present on adipose tissue.

 **( End of questions)**

 **Best Wishes**

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