1. Neostigmine will effectively antagonize skeletal muscle relaxation produced by:

Select one:

a. Diazepam

b. Pancuronium Correct. Katzung 7th Edition pg 101

c. Succinylcholine

* d. Baclofen

2. Where does the botulinus toxin act in the acetylcholine system?

Select one:

a. Hydolysis of acetylcholine

b. Synthesis of acetylcholine

c. Transport of choline into the neuron

d. Release of acetylcholine Correct. Katzung 7th Edition pg 76 figure 6-3

3. Activation of the parasympathetic nervous system causes all EXCEPT:

Select one:

a. Increased tone of the longitudinal smooth muscles of the small intestine

b. Contraction of skeletal muscles Correct. Katzung 7th Edition pg 83 table 6-3

c. Contraction of the detrusor muscle of the bladder

d. Decreased heart rate

4. All are possible effects of low doses of nicotine EXCEPT:

Select one:

a. Stimulation of respiratory rate and depth

b. Stimulation of catecholamine release from the adrenal medulla

c. Nausea and vomiting

d. Bradycardia Correct. Katzung 7th Edition pg 96

5. An example of a direct acting choline ester is:

Select one:

a. Carbachol Correct. Katzung 7th Edition pg 92 figure 7-2

b. Nicotine

c. Edrophonium

d. Pilocarpine

6. Pralidoxime is a drug that:

Select one:

a. Inhibits the reuptake of biogenic amines into nerve terminals

b. Blocks the active transport of choline into cholinergic neurons

c. Reduces the vesicular stores of catecholamines in adrenergic and dopaminergic neurons

d. Reactivates cholinesterases that have been inhibited by organophosphates Correct. Katzung 7th Edition pg 112

7. The cholinesterase inhibitor used in the diagnosis of myasthenia gravis is:

Select one:

a. Pyridostigmine bromide

b. Physostigmine salicylate

c. Ambenonium chloride

d. Edrophonium chloride Correct. Katzung 7th Edition pg 101

8. All of the following have significant anti-muscarinic effects EXCEPT:

Select one:

a. Meperidine

b. Pyridostigmine Correct. Katzung 7th Edition pg 98 table 7-4

c. Amitriptyline

d. Diphenhydramine

9. Atropine and scopolamine will block all the effects of acetylcholine EXCEPT:

Select one:

a. Skeletal muscle contraction Correct. Katzung 7th Edition pg 105

b. Salivary secretion

c. Bronchoconstriction

d. Bradycardia

10. Which drug reduces intraocular pressure by decreasing formation of aqueous humor?

Select one:

a. Pilocarpine hydrochloride

b. Physostigmine salicylate

c. Betaxolol hydrochloride Correct. Katzung 7th Edition pg 87

d. Echothiophate iodide