Multiple Answer (3 pts ea). Choose the answer using the following key and place your answer in the space provided on the answer sheet.

A = 1, 2, and 3 are correct  
B = 1 and 3 are correct  
C = 2 and 4 are correct  
D = 4 only is correct  
E = all are correct

7. Yohimbine  
   1) Increases norepinephrine release by inhibiting presynaptic $\alpha_2$-receptors  
   2) Should cause mydriasis  
   3) May increase sexual function in males  
   4) Is effective in benign prostatic hyperplasia

8. Propranolol  
   1) Is recommended in diabetics  
   2) Is useful in hyperthyroidism  
   3) Is useful for the acute treatment of migraines  
   4) Can reduce fine muscle tremor

9. Which of the following combinations are correct?  
   1) $M_1$ receptors = ganglia, CNT, or smooth muscle  
   2) $M_2$ receptors = cardiac, endocrine glands  
   3) $M_3$ receptors = ganglia, smooth muscle  
   4) $M_4$ receptors = vascular, exocrine glands

10. Nicotinic cholinergic receptors  
    1) Have 5 membrane spanning units  
    2) Consist of 5 subunits  
    3) Can cause excitation or inhibition  
    4) Are found in both sympathetic and parasympathetic ganglia

11. Stimulation of nicotinic receptors would cause  
    1) Catecholamine release from adrenal medulla  
    2) Contract skeletal muscle  
    3) Stimulate parasympathetic and sympathetic ganglia  
    4) Directly increase sweating

12. Muscarinic receptor activation would cause the following  
    1) Increased GI motility  
    2) Miosis  
    3) Bradycardia  
    4) Urination