0.5 pt (from the book)
The neurotransmitter implicated in Parkinson's disease, schizophrenia, and various addictions is
a. serotonin
b. norepinephrine
c. dopamine
d. epinephrine

1 pt (from the book)
Drugs that mimic or enhance the way a neurotransmitter acts are called ____________; drugs that block the activity of a neurotransmitter are called _____________.

1 pts (0.5 pt each)
Name the two types of cholinergic receptors
1. ___________________________
2. ___________________________

1.5 pts (0.5 pts each)
Neurons using the neurotransmitter ___________ are called “dopaminergic.”
Neurons using the neurotransmitter ___________ are called “adrenergic.”
Neurons using the neurotransmitter ___________ are called “noradrenergic.”

0.5 pts
Which of the following is the rate-limiting step in the production of dopamine?
   a. Tyrosine
   b. Tyrosine hydroxylase (TH)
   c. L-DOPA
   d. DOPA decarboxylase

0.5 pt
ACh is applied to the heart by the ___________ nerve and causes the heart to _____________
   a. Sciatic, speed up
   b. Vagus, speed up
   c. Sciatic, slow down
   d. Vagus, slow down
2 pt (0.5 each for listing)
List four ways for absorption of a drug to occur.

1. ____________________________
2. ____________________________
3. ____________________________
4. ____________________________

2 pts
- Draw a sample curve of the effectiveness of a drug (“dose of drug” on the x-axis, “drug effect” on the y-axis), and label it “A”.
- Draw a second curve that represents tolerance to that drug, and label it “B”.
- Label where the “margin of safety” is in your plot.

BONUS (0.5 pt)
Name two neurotransmitters that were not mentioned anywhere else on this quiz.