MIDTERM: PART 1

NAME Student ID#

**Part I: No books or notes**

1) DRAWING: (5 points) On the back of this sheet draw a presynaptic and postsynaptic neuron representing the following:

* soma,
* nucleus,
* two ion channels,
* extra-cellular transporter molecule,
* extra-cellular enzyme, receptors,
* dendrites,
* 5-HT neurotransmitters,
* terminal button,
* synaptic vesicles,
* autoreceptor
* axon.
* Label at least one ion channel with the appropriate positive or negative symbol. Also label the synapse for the neurotransmitter binding in it.