Psych. 440 Chapter 2 Quiz

1. I reviewed the PowerPoint presentation for this chapter.
   A. True.
   B. False.

2. The process by which a signal is transmitted through and between neurons is
   A. Electrical.
   B. Chemical.
   C. Both electrical and chemical.
   D. None of the above.

3. Neurotransmitter vesicles are contained outside the neuron and only enter the neuron after NT release
   A. True
   B. False

4. When a neuron is at resting state
   A. Sodium ions are concentrated outside the cell.
   B. The inside of the axon is more negative than the surrounding environment.
   C. Potassium ions are concentrated inside the cell.
   D. All of the above

5. All of the following are neurotransmitters except:
   A. Acetylcholine
   B. Potassium
   C. Dopamine
   D. GABA
   E. Acetylcholine

6. The __________ is responsible for regulating emotions and drives such as hunger, thirst, sex, and aggression.
   A. Hypothalamus
   B. Amygdala
   C. Thalamus
   D. Medulla
7. The corpus callosum: band of dendrites that interconnects the left and right hemispheres of the brain.
   A. True
   B. **False**

8. The frontal lobe of the cerebral cortex controls the following except:
   A. Planning
   B. Emotional control
   C. Self-awareness
   D. **Involuntary movement**

9. In terms of hemisphere specialization, the right brain is involved in all of the following except:
   A. Visualization
   B. Spatial skills
   C. Recognition and expression of emotion
   D. **Language**

10. ________ Uses electromagnets to measure oxygen levels in brain.
    A. Electroencephalogram
    B. Transcranial magnetic stimulation
    C. Positron Emission Tomography (PET)
    D. **Functional Magnetic Resonance Imaging (fMRI)**