

Lear ning Object ives - Ch 2/4a

Ch 2 -Biol ogy and Behavior - pp 41 t o 48

1. Define biological psychology.
2. Name the two principle cells in the nervous system. Describe the features of neurons and what allows them to communicate with one another.
3. Define and describe action potentials. Define myelin and discuss its contribution to neural impulses.
4. Define neurotransmitter and synapse and describe their roles in the transmission of information from one neuron to another.
5. Name six neurotransmitters and associate those transmitters with a mental process or behavior.
6. Describe how the nervous system can tell the difference between a strong stimulus and a weak stimulus.

Ch 4 - St at es of Consciousness - pp 147 - 159

7. Define substance abuse, drug dependence, and drug tolerance.
8. Explain the physiological (neural) and psychological effects of caffeine, nicotine, crack, alcohol, heroin, MDMA (Ecstasy), and marijuana.