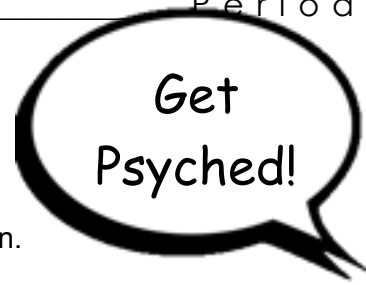


Quiz: The Nervous System



Burt B. Says...

1. A biological psychologist would be most likely to research
 - a. how you learn a list of words.
 - b. the developmental process that leads to your ability to learn.
 - c. the physical and chemical changes that occur when you learn.
 - d. why learning deficits occur.

2. The two major divisions of the nervous system are the
 - a. brain and spinal cord.
 - b. central and somatic nervous systems.
 - c. sympathetic and parasympathetic systems.
 - d. peripheral and central nervous systems.

3. The speed of neural conduction between neurons will result in difficulties in speaking, vision, and balance if the _____ insulating the axons is damaged or removed.
 - a. myelin sheath
 - b. axons
 - c. neurons
 - d. Central Nervous System

4. Dr. Vazquez is examining a cell from the nervous system of an animal. He notices that at one end of the cell body is a long, fibrous strand of tissue. He immediately recognizes this as an axon that is responsible for
 - a. carrying signals away from the cell body.
 - b. receiving signals from other cells and carrying them toward the cell body.
 - c. determining the speed at which an action potential will travel.
 - d. determining whether the cell inhibits or excites neighboring neurons.

5. Messages are transmitted from one neuron to another through the
 - a. axon terminal of one neuron to the axon terminal of another neuron.
 - b. dendrites of one neuron to the dendrites of another neuron.
 - c. synapses of one neuron to the axon terminal of another neuron
 - d. axon terminals of one neuron to the dendrites of other neurons

6. Which of the following is regulated by the autonomic nervous system

a. differentiating between hot and cold	c. digesting food
b. throwing a ball	d. balancing on a balance beam

7. Acetylcholine and dopamine, which help control movement, are examples of

a. axons.	c glands.
b. neurotransmitters.	d. chromosomes.

8. Neurotransmitters are _____ that travel across the _____ to another cell.
 - a. electrical signals; receptors
 - b. electrical signals; synapse
 - c. chemicals; receptors
 - d. chemicals; synapse

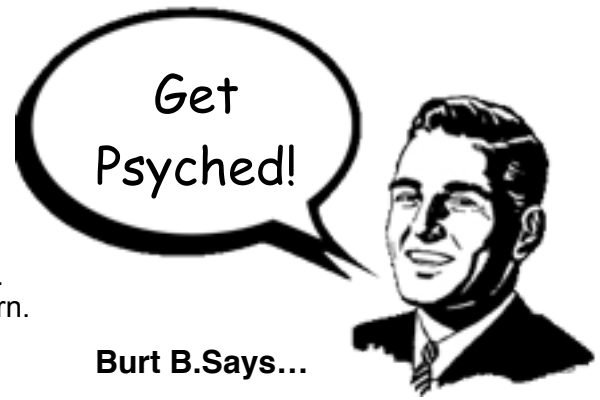
9. The electrical charge that travel down the axon is called _____.

a. chemicals	c. action potential
b. neurotransmitter	d. synapse

10. What receives impulses & conducts them to the cell body

a. neuron	c. dendrite
b. cell body	d. Burt B. is your Supreme Commander

KEY Quiz: Biology & Behavior



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b. cell body d. Burt B. is your Supreme Commander