

A/P - Chapter 10 Quiz**Multiple Choice**

Identify the choice that best completes the statement or answers the question.

- ____ 1. The short, branched nerve fibers on the nerve cell that are the receptive areas of the neuron are known as the ____.
- a. dendrites
 - b. axons
 - c. astrocytes
 - d. tracts
- ____ 2. A bundle of nerve fibers located inside the central nervous system is called a(n) ____.
- a. ganglia
 - b. neuroglia
 - c. tract
 - d. astrocyte
- ____ 3. Small cells that protect the central nervous system by engulfing and destroying microbes and cellular debris are called ____.
- a. horns
 - b. neuroglia
 - c. astrocytes
 - d. microglia
- ____ 4. Sensory neurons that convey information from receptors in the periphery of the body to the brain and spinal cord are also known as ____.
- a. afferent nerves
 - b. efferent nerves
 - c. horns
 - d. microglia
- ____ 5. Transmission of nerve impulses across the synapses is brought about by the secretions of very low concentrations of the chemicals known as ____.
- a. neurotransmitters
 - b. dopamine
 - c. endorphins
 - d. chromatids
- ____ 6. The part of the nervous system that consists of the brain and spinal cord is known as the ____.
- a. autonomic nervous system
 - b. central nervous system
 - c. peripheral nervous system
 - d. somatic nervous system
- ____ 7. Gaps in the myelin sheath that allow ions to flow freely from extracellular fluids to the axons are known as ____.
- a. nodes of Ranvier
 - b. Schwann cells
 - c. dorsal roots
 - d. Nissl bodies
- ____ 8. Neurons that have one dendrite and one axon are known as ____.
- a. neurofibril nodes
 - b. unipolar neurons
 - c. multipolar neurons
 - d. bipolar neurons
- ____ 9. Nerve cell bodies that are found outside the central nervous system are generally grouped together to form ____.
- a. ganglia
 - b. tracts
 - c. roots
 - d. dendrites
- ____ 10. The correct number of pairs of coccygeal nerves is ____.
- a. one (1)
 - b. eight (8)
 - c. twelve (12)
 - d. fifteen (15)