

1. Oligodendrocytes are located in the \_\_\_\_\_.

A. PNS

B. CNS

2. Schwann cells are located in the \_\_\_\_\_.

A. PNS

B. CNS

3. Which of the following types of cells is the most common in the CNS?

A. Astrocytes

B. Oligocytes

C. Neurocytes

D. Celiac cells

4. Which of the following is a regulatory protein in the cytoplasm that helps the processes at the synapse?

A. Calmodulin

B. Protein kinase

C. Ligand

D. Gap protein

5. The primary effect of cocaine on the nervous system is that cocaine blocks the re-uptake of \_\_\_\_\_.

- A. Monoamines
- B. Transamines
- C. Catecholamine
- D. Monoamine oxidase

6. Which of the following amino acids can function as a neurotransmitter in the CNS?

- A. Leucine
- B. Glutamic acid
- C. Lysine
- D. Valine

7. Clostridium botulinum releases this enzyme that destroys peptide bonds.

- A. Amylase
- B. Endopeptidases
- C. Exopeptidases
- D. Protein kinase

8. Multiple sclerosis is a disease that attacks the \_\_\_\_\_ of neurons in the CNS.

- A. Myelin sheaths

- B. Axon terminals
- C. Sodium channels
- D. Nicotinic receptors

9. Which of the following is not considered a type of synapse?

- A. Dendrodendritic
- B. Axosomatic
- C. Axoaxonic
- D. Denoaxonic

10. The progression of a nerve impulse with the nodes of Ranvier is called \_\_\_\_\_.

- A. Saltatory conduction
- B. Transmission
- C. Unmyelinated conduction
- D. Relative conduction

11. Supporting cells located within the CNS are collectively called \_\_\_\_\_.

- A. Neuroglia
- B. Astrocytes
- C. Perikaryon
- D. Satellite cells

12. Which of the following types of cells line the ventricles and spinal cord?

- A. Astrocytes
- B. Schwann cells
- C. Ependymal cells
- D. Oligodendrocytes

Answer Key

- 1. B
- 2. A
- 3. A
- 4. A
- 5. A
- 6. B
- 7. B
- 8. A
- 9. D
- 10. A
- 11. A
- 12. C