

Biology 35

The Nervous

System MCQ

Biology 35 Nervous Syst.

Author: OpenStax College

Published 2015

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4. Chapter: Biology 35 The Nervous System MCQ

1. Biology 35 The Nervous System MCQ Questions

4.1.1. Neurons contain _____, which can receive signals from other neur...

Author: OpenStax College

Neurons contain _____, which can receive signals from other neurons.

Please choose only one answer:

- axons
- mitochondria
- dendrites
- Golgi bodies

Check the answer of this question online at QuizOver.com:

Question: [Neurons contain which can receive signals OpenStax College Biology](#)

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4.1.2. A(n) _____ neuron has one axon and one dendrite extending direct...

Author: OpenStax College

A(n) _____ neuron has one axon and one dendrite extending directly from the cell body.

Please choose only one answer:

- unipolar
- bipolar
- multipolar
- pseudounipolar

Check the answer of this question online at QuizOver.com:

Question: [A n neuron has one axon and one dendrite OpenStax College Biology](#)

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4.1.3. Glia that provide myelin for neurons in the brain are called _____.

Author: OpenStax College

Glia that provide myelin for neurons in the brain are called _____.

Please choose only one answer:

- Schwann cells
- oligodendrocytes
- microglia
- astrocytes

Check the answer of this question online at QuizOver.com:

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4.1.4. For a neuron to fire an action potential, its membrane must reach _...

Author: OpenStax College

For a neuron to fire an action potential, its membrane must reach _____.

Please choose only one answer:

- hyperpolarization
- the threshold of excitation
- the refractory period
- inhibitory postsynaptic potential

Check the answer of this question online at QuizOver.com:

Question: [For a neuron to fire an action potential OpenStax College Biology](#)

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4.1.5. After an action potential, the opening of additional voltage-gated ...

Author: OpenStax College

After an action potential, the opening of additional voltage-gated _____ channels and the inactivation of sodium channels, cause the membrane to return to its resting membrane potential.

Please choose only one answer:

- sodium
- potassium
- calcium
- chloride

Check the answer of this question online at QuizOver.com:

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4.1.6. What is the term for protein channels that connect two neurons at a...

Author: OpenStax College

What is the term for protein channels that connect two neurons at an electrical synapse?

Please choose only one answer:

- synaptic vesicles
- voltage-gated ion channels
- gap junction protein
- sodium-potassium exchange pumps

Check the answer of this question online at QuizOver.com:

Question: [What is the term for protein channels that OpenStax College Biology](#)

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4.1.7. The _____ lobe contains the visual cortex.

Author: OpenStax College

The _____ lobe contains the visual cortex.

Please choose only one answer:

- frontal
- parietal
- temporal
- occipital

Check the answer of this question online at QuizOver.com:

Question: [The lobe contains the visual cortex. OpenStax College Biology 35](#)

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4.1.8. The _____ connects the two cerebral hemispheres.

Author: OpenStax College

The _____ connects the two cerebral hemispheres.

Please choose only one answer:

- limbic system
- corpus callosum
- cerebellum
- pituitary

Check the answer of this question online at QuizOver.com:

Question: [The connects the two cerebral hemispheres OpenStax College Biology](#)

Flashcards:

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4.1.9. Neurons in the _____ control motor reflexes.

Author: OpenStax College

Neurons in the _____ control motor reflexes.

Please choose only one answer:

- thalamus
- spinal cord
- parietal lobe
- hippocampus

Check the answer of this question online at QuizOver.com:

Question: [Neurons in the control motor reflexes. OpenStax College Biology 3](#)

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4.1.10. Activation of the sympathetic nervous system causes:

Author: OpenStax College

Activation of the sympathetic nervous system causes:

Please choose only one answer:

- increased blood flow into the skin
- a decreased heart rate
- an increased heart rate
- increased digestion

Check the answer of this question online at QuizOver.com:

Question: [Activation of the sympathetic nervous OpenStax College Biology 35](#)

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4.1.11. Where are parasympathetic preganglionic cell bodies located?

Author: OpenStax College

Where are parasympathetic preganglionic cell bodies located?

Please choose only one answer:

- cerebellum
- brainstem
- dorsal root ganglia
- skin

Check the answer of this question online at QuizOver.com:

Question: [Where are parasympathetic preganglionic OpenStax College Biology](#)

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4.1.12. _____ is released by motor nerve endings onto muscle.

Author: OpenStax College

_____ is released by motor nerve endings onto muscle.

Please choose only one answer:

- Acetylcholine
- Norepinephrine
- Dopamine
- Serotonin

Check the answer of this question online at QuizOver.com:

Question: [is released by motor nerve endings onto OpenStax College Biology](#)

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4.1.13. Parkinson's disease is a caused by the degeneration of neurons that...

Author: OpenStax College

Parkinson's disease is a caused by the degeneration of neurons that release _____.

Please choose only one answer:

- serotonin
- dopamine
- glutamate
- norepinephrine

Check the answer of this question online at QuizOver.com:

Question: [Parkinson's disease is a caused by the OpenStax College Biology 3](#)

Flashcards:

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4.1.14. _____ medications are often used to treat patients with ADHD.

Author: OpenStax College

_____ medications are often used to treat patients with ADHD.

Please choose only one answer:

- Tranquilizer
- Antibiotic
- Stimulant
- Anti-seizure

Check the answer of this question online at QuizOver.com:

Question: [medications are often used to treat patients OpenStax College Biology](#)

Flashcards:

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4.1.15. Strokes are often caused by _____.

Author: OpenStax College

Strokes are often caused by _____.

Please choose only one answer:

- neurodegeneration
- blood clots or burst blood vessels
- seizures
- viruses

Check the answer of this question online at QuizOver.com:

Question: [Strokes are often caused by . OpenStax College Biology 35 The Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/strokes-are-often-caused-by-openstax-college-biology-35-the-quest?pdf=1505>

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