

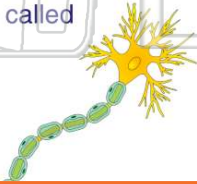


Name _____ Class _____ Date _____

- 1 Which of the following is **not** a **function** of the **nervous system**?
- A gathers information from inside the body
 - B gathers information from outside the body
 - C supports the body
 - D maintains homeostasis



- 3 In the nervous system, the **cells that carry messages** are called _____.
- A nerve impulses
 - B brain cells
 - C muscles



- 2 A **change in the environment** causes an organism to react to that change. What is the **change** in the environment called?
- A reaction
 - B stimulus
 - C reflex
 - D synapse

- 4 The _____ is the **message** that is **sent** through the nervous system.
- A nerve impulse
 - B dendrite
 - C axon
 - D neuron

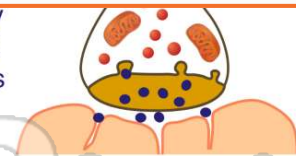


PREVIEW

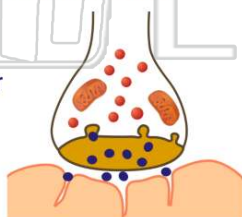
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- 7
- B motor neuron, interneuron, and sensory neuron
 - C interneuron, sensory neuron, and motor neuron
 - D sensory neuron, interneuron, and motor neuron

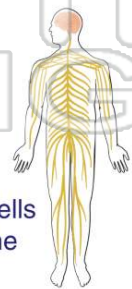
- B cell body
- C synapse
- D axon tips



- 9 What is the **chemical** on which the nerve impulse travels **across the synapse**?
- A neurotransmitter
 - B DNA
 - C hemoglobin
 - D neurochemical



- 10 What is the **function** of the **central nervous system**?
- A to break down nutrients
 - B to control the functions of the body
 - C to deliver nutrients to the cells
 - D to bring information from the arms and legs





ANSWER KEY

Which of the following is **not** a **function** of the **nervous system**?

- A** gathers information from inside the body
- B** gathers information from outside the body
- C** supports the body
- D** maintains homeostasis



(c)

A **change in the environment** causes an organism to react to that change.

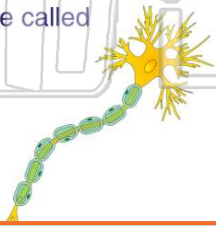
What is the **change** in the environment called?

- A** reaction
- B** stimulus
- C** reflex
- D** synapse

(b)

In the nervous system, the **cells that carry messages** are called _____.

- A** nerve impulses
- B** brain cells
- C** muscles
- D** neurons



(d)

The _____ is the **message** that is **sent** through the nervous system.

- A** nerve impulse
- B** dendrite
- C** axon
- D** neuron

(a)

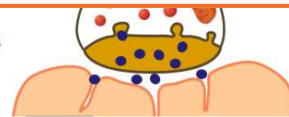


PREVIEW

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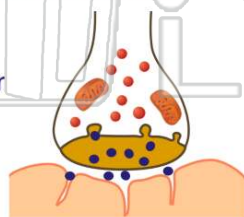
- C** interneuron, sensory neuron, and motor neuron
- D** sensory neuron, interneuron, and motor neuron

- C** synapse
- D** axon tips



What is the **chemical** on which the nerve impulse travels **across the synapse**?

- A** neurotransmitter
- B** DNA
- C** hemoglobin
- D** neurochemical



(a)

What is the **function** of the **central nervous system**?

- A** to break down nutrients
- B** to control the functions of the body
- C** to deliver nutrients to the cells
- D** to bring information from the arms and legs



(b)