Nervous and Endocrine Systems, 10-question test — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1

A neuron fires 50 times in 10 seconds. The firing rate per second is

Question 1

A neuron fires 50 times in 10 seconds. The firing rate per second is

ANSWER

Understand It with Pulse | Flag a mistake

2

A gland secretes 15 units per hour for 4 hours. The total in units is

Question 2

A gland secretes 15 units per hour for 4 hours. The total in units is

ANSWER

Understand It with Pulse | Flag a mistake

3 Dendrites receive signals and carry them

Question 3

Dendrites receive signals and carry them

A) toward the cell body

B) away from the cell body

C) to the muscle only

D) to the gland only

A toward the cell body

B away from the cell body

C to the muscle only

D to the gland only

Understand It with Pulse

Flag a mistake

4 The axon carries impulses

Question 4

The axon carries impulses

A) toward the dendrites

B) away from the cell body

C) to the nucleus only

D) across the synapse only

A toward the dendrites

B away from the cell body

C to the nucleus only

D across the synapse only

Understand It with Pulse

Flag a mistake

5 Acetylcholine is an example of a

Question 5

Acetylcholine is an example of a

A) hormone only

B) enzyme

C) neurotransmitter

D) receptor

A hormone only

B enzyme

C neurotransmitter

D receptor

Understand It with Pulse

Flag a mistake

6 The thyroid gland needs which element to make thyroxine

Question 6

The thyroid gland needs which element to make thyroxine

A) iron

B) calcium

C) sodium

D) iodine

A iron

B calcium

C sodium

D iodine

Understand It with Pulse

Flag a mistake

7

Growth hormone is secreted by the

Question 7

Growth hormone is secreted by the

A) pituitary

B) pancreas

C) thyroid

D) adrenal

A pituitary

B pancreas

C thyroid

D adrenal

Understand It with Pulse

Flag a mistake

8 Diabetes mellitus type 1 results from too little

Question 8

Diabetes mellitus type 1 results from too little

A) glucagon

B) insulin

C) thyroxine

D) adrenaline

A glucagon

B insulin

C thyroxine

D adrenaline

Understand It with Pulse

Flag a mistake

9

The hypothalamus links the nervous system to the

Question 9

The hypothalamus links the nervous system to the

A) digestive system

B) circulatory system

C) endocrine system

D) immune system

A digestive system

B circulatory system

C endocrine system

D immune system

Understand It with Pulse

Flag a mistake

10 A stimulus is detected by a

Question 10

A stimulus is detected by a

A) effector

B) motor neuron

C) gland

D) receptor

A effector

B motor neuron

C gland

D receptor

Understand It with Pulse

Flag a mistake

ANSWER KEY

1. 5
2. 60
3. A
4. B
5. C
6. D
7. A
8. B
9. C
10. D

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