BRITISH COLUMBIA ANATOMY AND PHYSIOLOGY 12 (MATPH12) · UNIT D · 10 QUESTIONS

Nervous, Reproductive Systems and Homeostasis — 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 **Adrenaline prepares the body for emergency by**



A lowering heart rate

B increasing heart rate and blood glucose

C stopping breathing

D slowing digestion only

Understand It with Pulse | Flag a mistake

2 **Sperm are produced and then mature and are stored mainly in the**

A testes

B epididymis

C urethra

D prostate

Understand It with Pulse | Flag a mistake

3 **An egg is released from an ovary during**

A fertilization

B implantation

C ovulation

D menstruation

Understand It with Pulse | Flag a mistake

4 **After fertilization, the embryo normally implants in the**

A ovary

B oviduct

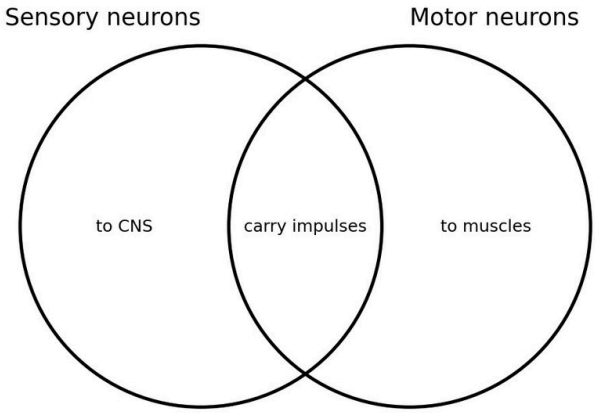
C vagina

D uterus

Understand It with Pulse | Flag a mistake

5

The diagram compares sensory neurons and motor neurons. The feature shared by both neuron types is that they



Question 5

The diagram compares sensory neurons and motor neurons. The feature shared by both neuron types is that they

A) carry nerve impulses

B) carry signals to muscles

C) carry signals from receptors

D) release hormones

A carry nerve impulses

B carry signals to muscles

C carry signals from receptors

D release hormones

Understand It with Pulse

Flag a mistake

6 **The graph shows blood glucose after eating. After the peak, blood glucose**

- A keeps rising
- B falls back toward normal
- C drops to zero
- D stays at peak

Understand It with Pulse | Flag a mistake

7 **Shivering when cold helps homeostasis by**

- A cooling the body
- B generating heat in muscles
- C lowering heart rate
- D reducing blood glucose

Understand It with Pulse | Flag a mistake

8 **When dehydrated, the body conserves water mainly by**

A increasing sweating

B reducing urine output

C increasing breathing

D raising blood glucose

Understand It with Pulse | Flag a mistake

9 **The nervous and endocrine systems both help the body respond to a threat by**



A slowing all body systems

B stopping digestion permanently

C mobilizing energy and raising alertness

D lowering blood pressure to zero

Understand It with Pulse | Flag a mistake

10 **A hormone travels to its target mainly through the**

A synapse

B axon

C spinal cord

D bloodstream

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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