YUKON 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

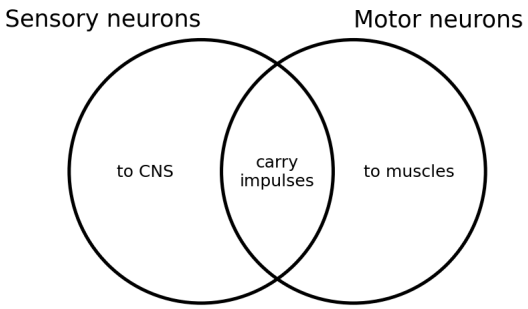
B oviduct

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**



A carry nerve impulses

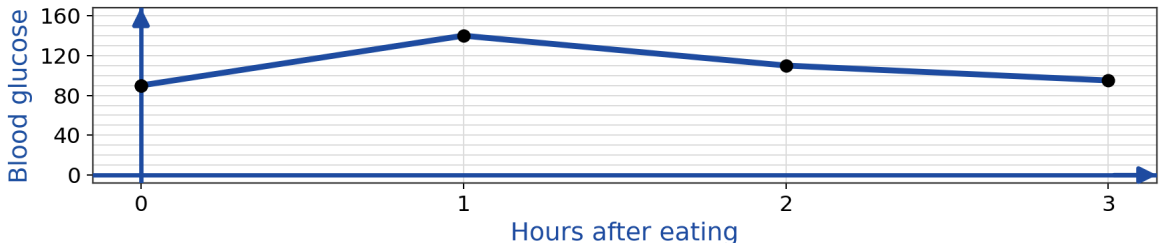
B carry signals to muscles

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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