ONTARIO BIOLOGY, GRADE 12, UNIVERSITY PREPARATION (SBI4U) · UNIT D · 5 QUESTIONS

Homeostasis and Population Dynamics — 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 **Several stacks of gold coins of increasing height in a row on a wooden table. Positive feedback in childbirth involves oxytocin increasing contractions which increase**



A More oxytocin release

B Body temperature

C Insulin release

D Blood glucose

Understand It with Pulse | Flag a mistake

2 **The pituitary gland is often called the master gland because it releases hormones that control**

A Only the brain

B Muscle contraction

C Only the kidneys

D Other endocrine glands

Understand It with Pulse | Flag a mistake

3 **Thyroxine regulates the rate of**

A Sweating

B Metabolism

C Urine formation

D Digestion only

Understand It with Pulse | Flag a mistake

4 **Adrenaline prepares the body for stress by increasing**

A Kidney filtration only

B Sleep

C Heart rate and blood glucose

D Insulin release

Understand It with Pulse | Flag a mistake

5 **Reabsorption of useful substances from kidney filtrate occurs mainly in the**

A Bladder

B Glomerulus

C Proximal convoluted tubule

D Urethra

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. A
2. D
3. B
4. C
5. C

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