ENGLAND GCSE BIOLOGY AQA HIGHER · UNIT 5 · 10 QUESTIONS

Homeostasis and Response — 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 so it can be fixed.

1 **Eggs are produced by hens. What is the female reproductive cell called?**

- A a zygote
- B an egg cell
- C an embryo
- D a sperm cell

Understand It with Pulse | Flag a mistake

2 **Red apples provide energy. Which nutrient in apples provides most energy?**

- A protein, for growth
- B fat, for insulation
- C fibre, for digestion
- D carbohydrates

Understand It with Pulse | Flag a mistake

3 **A peach is a fruit. Which part of the flower does it develop from?**

- A the ovary
- B the anther
- C the petal
- D the stigma

Understand It with Pulse | Flag a mistake

4 **Blood glucose falls from 8 mmol per litre to 5 mmol per litre. What is the fall?**

- A 3 mmol/L
- B 2 mmol/L
- C 5 mmol/L
- D 4 mmol/L

Understand It with Pulse | Flag a mistake

5 **What happens to blood vessels in the skin when the body is cold?**

- A they widen to lose heat
- B they narrow to keep heat in
- C they move closer to the surface
- D they close completely

Understand It with Pulse | Flag a mistake

6 **What is urea?**

- A a salt lost in sweat
- B a hormone that controls water
- C waste from protein breakdown
- D a sugar stored in the liver

Understand It with Pulse | Flag a mistake

7 **Which neurone carries the impulse from the CNS to the effector?**

- A a receptor neurone
- B a sensory neurone
- C a motor neurone
- D a relay neurone

Understand It with Pulse | Flag a mistake

8 **How do hormones travel around the body?**

- A in the blood
- B in the lymph only
- C along nerves
- D through the skin

Understand It with Pulse | Flag a mistake

9 **A sandwich contains bread and cheese. Where does digestion begin?**

- A in the large intestine
- B in the small intestine
- C in the stomach
- D in the mouth

Understand It with Pulse | Flag a mistake

10 **What does the pituitary gland do?**

- A it makes thyroxine for metabolism
- B it makes adrenaline in stress
- C it makes many hormones
- D it makes insulin for the body

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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