ENGLAND GCSE COMBINED SCIENCE AQA TRILOGY 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** **A school lunch tray holds a meal with milk. Which nutrient is milk rich in?**

- A vitamin C
- B fibre
- C iron
- D calcium

Understand It with Pulse | Flag a mistake

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

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

Understand It with Pulse | Flag a mistake

3 **A sandwich is eaten. Which enzyme digests the starch in the bread?**

- A amylase
- B pepsin
- C lipase
- D protease

Understand It with Pulse | Flag a mistake

4 **Eggs contain protein. Which part of the egg is mostly protein?**

- A the white
- B the shell
- C the yolk
- D the air sac

Understand It with Pulse | Flag a mistake

5 **After a meal, blood glucose rises. What happens next?**

- A adrenaline is released
- B nothing happens
- C glucagon is released
- D insulin is released

Understand It with Pulse | Flag a mistake

6 **When the body is dehydrated, what happens to ADH levels?**

- A they fall
- B they stay the same
- C they rise
- D ADH is not made

Understand It with Pulse | Flag a mistake

7 **How does the body lose heat when it is too hot?**

A by shivering

B by growing hair

C by vasoconstriction

D by sweating

Understand It with Pulse | Flag a mistake

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

A the anther

B the ovary

C the petal

D the stigma

Understand It with Pulse | Flag a mistake

9 **What is the job of the kidneys?**

A to make red blood cells

B to filter the blood

C to pump the blood

D to store urine

Understand It with Pulse | Flag a mistake

10 **What is insulin?**

A an enzyme that digests glucose

B a nerve signal

C a hormone that lowers blood glucose

D a hormone that raises blood glucose

Understand It with Pulse | Flag a mistake

## ANSWER KEY

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

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