ENGLAND GCSE COMBINED SCIENCE AQA TRILOGY FOUNDATION · 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 **Red apples provide energy. Which nutrient in apples provides most energy?**

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

Understand It with Pulse | Flag a mistake

2 **A peach contains a stone. What is inside the stone?**

- A a leaf
- B a root
- C a flower
- D a seed

Understand It with Pulse | Flag a mistake

3 **Blood glucose falls from 10 mmol per litre to 4 mmol per litre. What is the fall?**

- A 7 mmol/L
- B 8 mmol/L
- C 6 mmol/L
- D 5 mmol/L

Understand It with Pulse | Flag a mistake

4 **Eggs can carry Salmonella bacteria. What should you do before eating eggs?**

- A cook them thoroughly
- B wash them in cold water
- C eat them raw
- D leave them in the sun

Understand It with Pulse | Flag a mistake

5 **Which plant hormone makes shoots bend towards light?**

A gibberellin

B insulin

C ethene

D auxin

Understand It with Pulse | Flag a mistake

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

A in the stomach

B in the small intestine

C in the mouth

D in the large intestine

Understand It with Pulse | Flag a mistake

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

A a sensory neurone

B a relay neurone

C a motor neurone

D a receptor neurone

Understand It with Pulse | Flag a mistake

8 **What is a risk factor for type 2 diabetes?**

A being underweight

B eating vegetables

C being overweight

D exercising daily

Understand It with Pulse | Flag a mistake

9 **Which gland makes insulin?**

A the pancreas

B the adrenal gland

C the pituitary

D the thyroid

Understand It with Pulse | Flag a mistake

10 **A school lunch tray holds a meal with milk. Which nutrient is milk rich in?**

A iron

B calcium

C vitamin C

D fibre

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

© 2026 Brett Robbins. All Rights Reserved.