ENGLAND GCSE BIOLOGY OCR TWENTY FIRST CENTURY FOUNDATION · UNIT 4 · 10 QUESTIONS

Using Food and Controlling Growth — 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 yellow school bus stops at a station. What happens to its speed?**

- A it becomes zero
- B it becomes negative
- C it stays the same
- D it increases

Understand It with Pulse | Flag a mistake

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

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

Understand It with Pulse | Flag a mistake

3 **A school lunch tray holds a meal with bread, cheese and an apple. Which food group is the bread from?**

- A proteins, for growth
- B vitamins, for health
- C carbohydrates
- D fats, for insulation

Understand It with Pulse | Flag a mistake

4 **A sandwich provides energy. Which process releases energy from food in cells?**

A fermentation

B digestion

C photosynthesis

D respiration

Understand It with Pulse | Flag a mistake

5 **Which cell contains chloroplasts?**

A a red blood cell

B a muscle cell

C a leaf cell

D a nerve cell

Understand It with Pulse | Flag a mistake

6 **Where is bile made?**

A the gall bladder

B the pancreas

C the liver

D the stomach

Understand It with Pulse | Flag a mistake

7 **Why can plant cells keep differentiating throughout life, but most animal cells cannot?**

A plants have no DNA in their cells

B animal cells have no nucleus

C plants keep meristem tissue

D plant cells divide more slowly

Understand It with Pulse | Flag a mistake

8 **A single bacterium divides every 20 minutes. How many bacteria are there after 2 divisions?**

- A 2
- B 4
- C 8
- D 6

Understand It with Pulse | Flag a mistake

9 **What does anaerobic respiration in muscles produce?**

- A lactic acid
- B glucose and energy
- C oxygen and water
- D ethanol and carbon dioxide

Understand It with Pulse | Flag a mistake

10 **What is produced by anaerobic respiration in muscle cells?**

A lactic acid

B oxygen

C ethanol

D carbon dioxide

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

© 2026 Brett Robbins. All Rights Reserved.