ENGLAND GCSE BIOLOGY OCR TWENTY FIRST CENTURY FOUNDATION · UNIT 3 · 10 QUESTIONS

Living Together - Food and Ecosystems — 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 forest absorbs carbon dioxide from the air. Which process is responsible?**

- A decomposition in the soil
- B photosynthesis
- C combustion
- D respiration

Understand It with Pulse | Flag a mistake

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

A a flower

B a root

C a leaf

D a seed

Understand It with Pulse | Flag a mistake

3 **Where is carbon stored long term?**

A in fossil fuels

B in living organisms only

C in rain water

D in the air as oxygen

Understand It with Pulse | Flag a mistake

4 **A pondweed plant releases 12 bubbles of oxygen in 6 minutes. How many bubbles does it release per minute?**

- A 3
- B 2
- C 4
- D 1

Understand It with Pulse | Flag a mistake

5 **A quadrat of area 10 square metres contains on average 5 daisies. Estimate the number of daisies in a field of 100 square metres.**

- A 100
- B 500
- C 25
- D 50

Understand It with Pulse | Flag a mistake

6 **What is glucose converted into for storage in animals?**

- A cellulose
- B starch
- C fatty acids
- D glycogen

Understand It with Pulse | Flag a mistake

7 **A honeybee visits a flower to collect nectar. What does it carry between flowers?**

- A leaves
- B pollen
- C seeds
- D water

Understand It with Pulse | Flag a mistake

8 **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

9 **Producers in a food chain hold 10000 kJ of energy. About 10 percent passes to the primary consumers. How much energy reaches them?**

A 500 kJ

B 1000 kJ

C 10000 kJ

D 2000 kJ

Understand It with Pulse | Flag a mistake

10 **Producers in a food chain have a biomass of 2000 kg. About 10 per cent of biomass passes to the next level. What is the biomass of the primary consumers?**

A 200

B 20

C 2000

D 400

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

© 2026 Brett Robbins. All Rights Reserved.