ENGLAND GCSE BIOLOGY EDEXCEL HIGHER · UNIT 6 · 10 QUESTIONS

Plant Structures and Their Functions — 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 cheese pizza is cooked in an oven. How is energy transferred in the oven?**

A by condensation on the oven walls

B by radiation and convection

C by conduction only, through the tray

D by evaporation from the cheese

Understand It with Pulse | Flag a mistake

2 **Red apples are cut and left in air. Why do they turn brown?**

- A enzymes react with oxygen
- B they ferment into alcohol
- C they dry out in the air
- D they freeze in the cold

Understand It with Pulse | Flag a mistake

3 **A forest absorbs carbon dioxide. Which process does this?**

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

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4 **A pondweed plant releases 12 bubbles of oxygen in 3 minutes. How many bubbles does it release per minute?**

- A 5
- B 4
- C 8
- D 3

Understand It with Pulse | Flag a mistake

5 **What do stomata do?**

- A carry food around the plant
- B catch light for photosynthesis
- C absorb water from the soil
- D let gases in and out

Understand It with Pulse | Flag a mistake

6 **What is glucose made into for storage in a plant?**

A protein

B cellulose

C starch

D chlorophyll

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7 **A pondweed plant releases 36 bubbles of oxygen in 2 minutes. How many bubbles does it release per minute?**

A 18

B 36

C 17

D 19

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8 **What do guard cells do?**

A carry sugars down the stem

B open and close the stomata

C absorb water from soil

D make chlorophyll

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9 **A school lunch tray holds a meal. Why do we need food?**

A to stay awake at night

B to feel full after eating

C for energy and growth

D for fun only, not for health

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

A 4

B 2

C 1

D 3

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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