ENGLAND GCSE COMBINED SCIENCE EDEXCEL FOUNDATION · 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 sandwich contains bread and cheese. Where does digestion begin?**

- A in the stomach
- B in the mouth
- C in the large intestine
- D in the small intestine

Understand It with Pulse | Flag a mistake

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

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

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3 **Which plant tissue carries sugars around the plant?**

- A phloem
- B cortex
- C xylem
- D pith

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

- A for energy and growth
- B for fun only, not for health
- C to feel full after eating
- D to stay awake at night

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5 **A cheese pizza provides energy. Which nutrient provides most energy?**

- A fat
- B protein
- C fibre
- D vitamins

Understand It with Pulse | Flag a mistake

6 **Where in a leaf does photosynthesis happen?**

- A in the mitochondria
- B in the nucleus
- C in the vacuole
- D in the chloroplasts

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7 **A pondweed plant releases 18 bubbles of oxygen in 3 minutes. How many bubbles does it release per minute?**

- A 7
- B 5
- C 12
- D 6

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

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

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9 **A pondweed plant releases 18 bubbles of oxygen in 6 minutes. How many bubbles does it release per minute?**

- A 3
- B 4
- C 2
- D 6

Understand It with Pulse | Flag a mistake

10 **What is the transpiration stream?**

A water moving up a plant

B water evaporating from soil

C minerals moving into root hairs

D food moving down a plant

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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