ENGLAND GCSE COMBINED SCIENCE AQA SYNERGY HIGHER · UNIT 2 · 10 QUESTIONS

Transport over Larger Distances — 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 sunflower grows taller over the summer. Where does most of the extra mass come from?

A minerals absorbed from the soil

B sunlight captured by the leaves

C water absorbed from the soil

D carbon dioxide from the air

Understand It with Pulse

Flag a mistake

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

- A digestion
- B respiration
- C photosynthesis
- D fermentation

Understand It with Pulse | Flag a mistake

3 **A passenger train brakes. What force slows it down?**

- A thrust
- B lift
- C gravity, pulling it down
- D friction

Understand It with Pulse | Flag a mistake

4 **A school lunch tray holds a bread roll, cheese and an apple. Which food test would show starch in the bread roll?**

- A iodine turns blue-black
- B Sudan III turns red
- C Biuret turns purple
- D Benedict's turns brick red

Understand It with Pulse | Flag a mistake

5 **Red apples contain vitamin C. What is vitamin C needed for?**

- A good eyesight at night
- B strong bones and teeth
- C healthy skin and gums
- D making red blood cells

Understand It with Pulse | Flag a mistake

6 **A yellow school bus stops at a station. What happens to its speed?**

A it increases

B it becomes negative

C it becomes zero

D it stays the same

Understand It with Pulse | Flag a mistake

7 **Why does pepsin work best in the stomach?**

A the stomach is acidic

B the stomach is cold

C the stomach is alkaline

D the stomach is neutral

Understand It with Pulse | Flag a mistake

8 **Which enzyme breaks down lipids?**

A lipase

B protease

C amylase

D pepsin

Understand It with Pulse | Flag a mistake

9 **Which of these uses active transport?**

A carbon dioxide leaving a leaf

B oxygen entering the lungs

C water entering a root

D taking in minerals from soil

Understand It with Pulse | Flag a mistake

10 **Which enzyme breaks down starch?**

A amylase

B protease

C catalase

D lipase

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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