ENGLAND GCSE COMBINED SCIENCE OCR GATEWAY FOUNDATION · UNIT 2 · 10 QUESTIONS

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

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

Understand It with Pulse | Flag a mistake

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

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

Understand It with Pulse | Flag a mistake

3 **A heart beats 60 times per minute. How many beats is that in one hour?**

- A 3000
- B 3600
- C 4200
- D 7200

Understand It with Pulse | Flag a mistake

4 **Which of these is a risk factor for heart disease?**

- A exercising daily
- B drinking water
- C smoking
- D eating vegetables

Understand It with Pulse | Flag a mistake

5 **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

6 **How do statins help to prevent heart disease?**

- A they thin the blood permanently
- B they lower blood cholesterol
- C they widen the arteries directly
- D they make the heart beat faster

Understand It with Pulse | Flag a mistake

7 **A thermometer is placed in hot water. What happens to the liquid inside the thermometer?**

A it expands

B it evaporates

C it freezes

D it contracts

Understand It with Pulse | Flag a mistake

8 **What happens to an enzyme at a very high temperature?**

A it changes into a different enzyme

B it dissolves in the water

C it denatures and stops working

D it works faster and faster

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9 **Which enzyme breaks down lipids?**

A protease

B amylase

C pepsin

D lipase

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10 **A sandwich contains bread, cheese and lettuce. Which enzyme starts breaking down the bread in the mouth?**

A lipase

B protease

C pepsin

D amylase

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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