ENGLAND GCSE COMBINED SCIENCE AQA SYNERGY HIGHER · UNIT 1 · 5 QUESTIONS

Building Blocks — 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 **An ice cream cone melts in the Sun. What is happening to the particles in the ice cream?**

- A they lose energy and slow down a lot
- B they stop moving
- C they get smaller
- D they gain energy and move more

Understand It with Pulse | Flag a mistake

2 **What type of wave is light?**

- A sound
- B seismic
- C longitudinal
- D transverse

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3 **Hens' eggs have a large yolk. The yolk is one very large cell. Which part of the cell is the yolk?**

- A the nucleus
- B the mitochondria
- C the cytoplasm with stored food
- D the cell membrane, controlling what enters

Understand It with Pulse | Flag a mistake

4 **A cell is 12 mm long in a photograph. Its real length is 60 micrometres. What is the magnification?**

- A × 2000
- B × 200
- C × 20
- D × 400

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5 **Which part of a plant cell absorbs light energy for photosynthesis?**

A the chloroplast

B the ribosome

C the nucleus

D the mitochondria

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ANSWER KEY

1. D
2. D
3. C
4. B
5. A

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