ENGLAND GCSE COMBINED SCIENCE OCR GATEWAY HIGHER · UNIT 1 · 5 QUESTIONS

Cell Level Systems — 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 **Potatoes are placed in pure water. What happens to the potato cells?**

- A they lose water
- B they gain water
- C they stay the same
- D they burst

Understand It with Pulse | Flag a mistake

2 **A cell is 24 mm long in a photograph. Its real length is 30 micrometres. What is the magnification?**

- A × 800
- B × 80
- C × 1600
- D × 8000

Understand It with Pulse | Flag a mistake

3 **Eggs contain protein. Which part of the egg is mostly protein?**

A the white

B the shell

C the yolk

D the air sac

Understand It with Pulse | Flag a mistake

4 **Glass marbles are used to model atoms. What is a limitation of the model?**

A marbles are too small to see properly

B marbles are much bigger than atoms

C marbles cannot be counted accurately at all

D marbles are the wrong colour for atoms

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5

A single bacterium divides every 20 minutes. How many bacteria are there after 4 divisions?

A 8

B 18

C 16

D 32

Understand It with Pulse

Flag a mistake

ANSWER KEY

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

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