ENGLAND GCSE BIOLOGY OCR GATEWAY FOUNDATION · 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 **Glass marbles in a tray are used as a model for particles in a solid. What do the marbles show?**

- A particles vibrate in fixed positions
- B particles flow past each other easily
- C particles are far apart from each other
- D particles move freely through space

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2 **What happens to excess amino acids in the body?**

- A they are breathed out
- B they are stored as glycogen
- C they become urea
- D they are turned into glucose

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3 **Why does active transport need energy?**

- A it moves substances down a gradient
- B it only works in the dark
- C it works against a gradient
- D it needs light to work

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4 **One glucose molecule releases 30 molecules of ATP in respiration. How many ATP molecules are released from 5 glucose molecules?**

- A 180
- B 120
- C 150
- D 300

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5 **A pondweed plant releases 30 bubbles of oxygen in 6 minutes. How many bubbles does it release per minute?**

- **A** 5
- **B** 4
- **C** 10
- **D** 6

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ANSWER KEY

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

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