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

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2 **A piece of potato weighs 10 g. After soaking in pure water it weighs 10.8 g. What is the percentage increase in mass?**

- A 16%
- B 4%
- C 8%
- D 13%

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3 **Where does aerobic respiration happen?**

- A in the mitochondria
- B in the vacuole
- C in the chloroplasts
- D in the nucleus

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4 **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

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5 **A sunflower grows taller over the summer. Where does most of the extra mass come from?**

- A minerals absorbed from the soil
- B water absorbed from the soil
- C sunlight captured by the leaves
- D carbon dioxide from the air

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ANSWER KEY

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

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