ENGLAND GCSE BIOLOGY AQA HIGHER · UNIT 1 · 5 QUESTIONS

Cell Biology — 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 **A peach tree flowers in spring. What do bees carry between flowers?**

- A water
- B leaves
- C pollen
- D seeds

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2 **Glass marbles in a tray are used as a model for particles in a solid. What do the marbles show?**

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

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3 **A microscope has an eyepiece lens of 10 times and an objective lens of 40 times. What is the total magnification?**

- A × 400
- B × 4000
- C × 50
- D × 40

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4 **A single bacterium divides every 20 minutes. How many bacteria are there after 6 divisions?**

- A 66
- B 64
- C 32
- D 128

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5 **A cell image is 12 mm long and the magnification is 400 times. What is the real length of the cell?**

- A 4800 mm
- B 3 mm
- C 0.3 mm
- D 0.03 mm

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ANSWER KEY

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

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