ENGLAND GCSE BIOLOGY EDEXCEL HIGHER · UNIT 2 · 10 QUESTIONS

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

Understand It with Pulse | Flag a mistake

2 **A thermometer is placed in hot water. What happens to the liquid inside the thermometer?**

- A it freezes
- B it expands
- C it evaporates
- D it contracts

Understand It with Pulse | Flag a mistake

3 **A school lunch tray holds a meal. Why do we need food?**

- A to feel full after eating
- B for energy and growth
- C to stay awake at night
- D for fun only, not for health

Understand It with Pulse | Flag a mistake

4 **What is an effector?**

- A a muscle or gland that responds
- B a sense organ that detects a change
- C a neurone in the spinal cord
- D a chemical that crosses a synapse

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5 **A brown dog has fleas. What are fleas?**

A producers

B prey

C parasites

D predators

Understand It with Pulse | Flag a mistake

6 **Which lens corrects short sight?**

A a lens that blocks light from the eye

B a concave lens

C a convex lens, which is thicker in the middle

D a flat lens with no focusing power

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7 **Eggs can carry Salmonella bacteria. What should you do before eating eggs?**

A wash them in cold water

B cook them thoroughly

C leave them in the sun

D eat them raw

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8 **A peach is a fruit. Which part of the flower does it develop from?**

A the petal

B the ovary

C the stigma

D the anther

Understand It with Pulse | Flag a mistake

9 **Why do scientists use stem cells from embryos?**

A they are already specialised

B they divide only once and then stop

C they can become any cell type

D they carry no DNA at all

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10 **Which neurone carries the impulse from the CNS to the effector?**

A a motor neurone

B a receptor neurone

C a sensory neurone

D a relay neurone

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. D
2. B
3. B
4. A
5. C
6. B
7. B
8. B
9. C
10. A

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