ENGLAND GCSE BIOLOGY EDEXCEL FOUNDATION · 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 **A thermometer measures temperature in degrees Celsius. What is the freezing point of water on this scale?**

- A 100
- B 0
- C 10
- D 32

Understand It with Pulse | Flag a mistake

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

- A the stigma
- B the petal
- C the ovary
- D the anther

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3 **What does a sensory neurone do?**

A carries signals inside the brain only

B carries signals from a receptor

C controls the heartbeat directly

D carries signals to a muscle or gland

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

A a motor neurone

B a relay neurone

C a receptor neurone

D a sensory neurone

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5 **A single bacterium divides every 20 minutes. How many bacteria are there after 2 divisions?**

- A 8
- B 6
- C 4
- D 2

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6 **In a reflex, what happens first?**

- A a muscle contracts to move the body
- B the brain decides what to do
- C an effector sends a signal
- D a receptor detects a change

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7 **Why are stem cells useful in medicine?**

A they divide only once and then stop

B they carry no DNA at all

C they are already specialised

D they can become many cell types

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8 **In which part of the cell cycle does the DNA copy itself?**

A when the cell dies

B before mitosis starts

C after the cell splits

D during cell division only

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

A prey

B producers

C parasites

D predators

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10 **What is a receptor?**

A a cell that detects a change

B a nerve that carries signals to the brain

C a part of the eye that sees light only

D a cell that makes a muscle contract

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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