ENGLAND GCSE BIOLOGY OCR TWENTY FIRST CENTURY FOUNDATION · UNIT 5 · 10 QUESTIONS

The Human Body - Staying Alive — 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 **Eggs are produced by hens. What is the female reproductive cell called?**

- A an egg cell
- B a sperm cell
- C an embryo
- D a zygote

Understand It with Pulse | Flag a mistake

2 **A brown dog is bitten by a tick. Ticks can spread disease. How is the disease spread?**

A through water

B by a vector

C by touch

D through the air

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3 **Which of these uses active transport?**

A oxygen entering the lungs

B water entering a root

C taking in minerals from soil

D carbon dioxide leaving a leaf

Understand It with Pulse | Flag a mistake

4 **Why is the wall of the left ventricle thicker than the right?**

A it stores blood for the heart

B it pumps blood to the lungs only

C it beats faster than the right side

D it pumps blood around the body

Understand It with Pulse | Flag a mistake

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

A it only works in the dark

B it works against a gradient

C it needs light to work

D it moves substances down a gradient

Understand It with Pulse | Flag a mistake

6 **A heart beats 70 times per minute and pumps 70 mL per beat. What is the cardiac output in mL per minute?**

- A 4400 mL/min
- B 4900 mL/min
- C 5400 mL/min
- D 9800 mL/min

Understand It with Pulse | Flag a mistake

7 **In osmosis, water moves from where to where?**

- A hot to cold water
- B cell to soil
- C dilute to concentrated solution
- D concentrated to dilute solution

Understand It with Pulse | Flag a mistake

8 **A piece of potato weighs 5 g. After soaking in pure water it weighs 5.4 g. What is the percentage increase in mass?**

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

Understand It with Pulse | Flag a mistake

9 **What is adrenaline?**

- A the fight or flight hormone
- B the growth hormone, made in childhood
- C the sleep hormone, made at night
- D the hunger hormone, made before meals

Understand It with Pulse | Flag a mistake

10 **What happens to blood vessels in the skin when the body is cold?**

A they widen to lose heat

B they close completely

C they narrow to keep heat in

D they move closer to the surface

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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