ENGLAND GCSE COMBINED SCIENCE 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

A yellow school bus carries children to school. Which blood vessel carries blood away from the heart, like a bus leaving the station?

A an artery

B a vein

C a ventricle

D a capillary

Understand It with Pulse

Flag a mistake

2 **A thermometer measures temperature in degrees Celsius. What is the freezing point of water on this scale?**

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

Understand It with Pulse | Flag a mistake

3 **What is the double circulatory system?**

- A blood flows through the lungs only
- B the body has two hearts working together
- C the heart has two separate chambers
- D blood passes through the heart twice

Understand It with Pulse | Flag a mistake

4 **Why does a plant cell not burst in pure water?**

A the chloroplasts use the water up

B the vacuole absorbs all the water

C the cell wall stops it swelling

D the cell membrane is waterproof

Understand It with Pulse | Flag a mistake

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

A predators

B prey

C parasites

D producers

Understand It with Pulse | Flag a mistake

6 **A heart beats 60 times per minute and pumps 80 mL per beat. What is the cardiac output in mL per minute?**

- A 4800 mL/min
- B 5300 mL/min
- C 4300 mL/min
- D 9600 mL/min

Understand It with Pulse | Flag a mistake

7 **Body temperature is 37 degrees Celsius. It rises by 2 degrees. What is the temperature now?**

- A 38 degrees Celsius
- B 39 degrees Celsius
- C 41 degrees Celsius
- D 40 degrees Celsius

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8 **A school lunch tray holds a meal with bread, cheese and an apple. Which food group is the bread from?**

- A proteins, for growth
- B carbohydrates
- C fats, for insulation
- D vitamins, for health

Understand It with Pulse | Flag a mistake

9 **A red blood cell in pure water will do what?**

- A shrink and shrivel
- B stay the same size
- C divide in two
- D swell and burst

Understand It with Pulse | Flag a mistake

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

A a relay neurone

B a sensory neurone

C a receptor neurone

D a motor neurone

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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