ENGLAND GCSE BIOLOGY EDEXCEL FOUNDATION · UNIT 8 · 10 QUESTIONS

Exchange and Transport in Animals — 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 school lunch tray holds a meal. Why do we need food?

A for energy and growth

B to feel full after eating

C to stay awake at night

D for fun only, not for health

Understand It with Pulse

Flag a mistake

2 **A yellow school bus is full of children. What is its mass like?**

A smaller than when empty

B the same as when empty

C zero

D larger than when empty

Understand It with Pulse | Flag a mistake

3 **Which blood vessel carries blood back to the heart?**

A an artery

B a vein

C a capillary

D an atrium

Understand It with Pulse | Flag a mistake

4 **A heart beats 80 times per minute and pumps 70 mL per beat. What is the cardiac output in mL per minute?**

- **A** 6100 mL/min
- **B** 5100 mL/min
- **C** 11200 mL/min
- **D** 5600 mL/min

Understand It with Pulse | Flag a mistake

5 **Why do red blood cells have no nucleus?**

- **A** to carry more haemoglobin
- **B** to divide more quickly in the bone marrow
- **C** to fight infection better
- **D** to live for longer

Understand It with Pulse | Flag a mistake

6 **A thermometer shows a patient's temperature is 39 degrees Celsius. Is this above or below normal body temperature?**

- A impossible to tell
- B below normal
- C exactly normal
- D above normal

Understand It with Pulse | Flag a mistake

7 **What is the job of an artery?**

- A to carry blood towards the heart
- B to exchange substances with tissues
- C to filter the blood
- D to carry blood from the heart

Understand It with Pulse | Flag a mistake

8 **What happens to the diaphragm when breathing in?**

- A it flattens
- B it stops the ribs from moving
- C it contracts and pushes air out
- D it relaxes and moves upwards

Understand It with Pulse | Flag a mistake

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

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

Understand It with Pulse | Flag a mistake

10 **What is soda lime for in a respirometer?**

A it stops water getting in

B it keeps the organism warm

C it releases oxygen for the organism

D it absorbs carbon dioxide

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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