ENGLAND GCSE COMBINED SCIENCE 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 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

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

- A a ventricle
- B an artery
- C a capillary
- D a vein

Understand It with Pulse | Flag a mistake

3 **Hardcover books are stacked on a table. What force pulls them down?**

- A air resistance
- B gravity
- C friction
- D tension

Understand It with Pulse | Flag a mistake

4 **What does plasma carry?**

A oxygen joined to haemoglobin

B white blood cells only

C carbon dioxide only

D dissolved substances

Understand It with Pulse | Flag a mistake

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

A it stops the ribs from moving

B it flattens

C it contracts and pushes air out

D it relaxes and moves upwards

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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

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7 **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

8 **A passenger train brakes. What force slows it down?**

- A friction
- B gravity, pulling it down
- C lift
- D thrust

Understand It with Pulse | Flag a mistake

9 **What is a stent?**

- A a machine that filters the blood
- B a drug that lowers cholesterol
- C a tube keeping an artery open
- D a replacement heart valve

Understand It with Pulse | Flag a mistake

10 **A heart beats 75 times per minute. Each beat pumps 60 mL of blood. Calculate the cardiac output in mL per minute.**

A 2250

B 4500

C 4600

D 9000

Understand It with Pulse

Flag a mistake

ANSWER KEY

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

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