ENGLAND GCSE BIOLOGY EDEXCEL HIGHER · 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** **Eggs contain protein. Which part of the egg is mostly protein?**

- A the yolk
- B the shell
- C the white
- D the air sac

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 100
- B 0
- C 32
- D 10

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3 **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 vein
- B an artery
- C a ventricle
- D a capillary

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4 **A heart beats 70 times per minute. How many beats is that in one hour?**

- A 4200
- B 3600
- C 4800
- D 8400

Understand It with Pulse | Flag a mistake

5 **What does plasma carry?**

- A dissolved substances
- B carbon dioxide only
- C white blood cells only
- D oxygen joined to haemoglobin

Understand It with Pulse | Flag a mistake

6 **A person breathes 15 times per minute. How many breaths is that in one hour?**

- A 840
- B 1800
- C 960
- D 900

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7 **Why do capillaries have thin walls?**

- A so they can stretch with each heartbeat
- B so blood can flow through them quickly
- C so they can carry blood to the heart
- D so substances diffuse quickly

Understand It with Pulse | Flag a mistake

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

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

Understand It with Pulse | Flag a mistake

9 **What happens to the ribs when breathing in?**

- A they close off the windpipe
- B they move up and out
- C they stay still while air enters
- D they move down and inwards

Understand It with Pulse | Flag a mistake

10 **A heart beats 70 times per minute. Each beat pumps 60 mL of blood. Calculate the cardiac output in mL per minute.**

- A 4200
- B 8400
- C 4300
- D 2100

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# ANSWER KEY

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

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