ENGLAND GCSE COMBINED SCIENCE AQA TRILOGY HIGHER · UNIT 2 · 10 QUESTIONS

Organisation — 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 passenger train travels at a steady speed. What is its acceleration?**

- A 10 m/s²
- B 0 m/s²
- C 9.8 m/s²
- D 1 m/s²

Understand It with Pulse | Flag a mistake

2 **Hardcover books have mass. What is mass measured in?**

- A joules
- B watts
- C kilograms
- D newtons, the unit of force

Understand It with Pulse | Flag a mistake

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

- A the same as when empty
- B zero
- C smaller than when empty
- D larger than when empty

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

- A 6400 mL/min
- B 12800 mL/min
- C 6900 mL/min
- D 5900 mL/min

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5 **An enzyme reaction is fastest at 20 degrees Celsius. At 40 degrees Celsius the rate is much lower. Why?**

- A the substrate runs out
- B the enzyme is denatured
- C the enzyme works faster
- D the enzyme is digested

Understand It with Pulse | Flag a mistake

6 **Where is bile made?**

- A the pancreas
- B the stomach
- C the gall bladder
- D the liver

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7 **Where are villi found?**

A the mouth

B the small intestine

C the large intestine

D the stomach

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8 **Which enzyme breaks down starch?**

A lipase

B amylase

C catalase

D protease

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9 **What is the pH of bile?**

A neutral

B alkaline

C acidic

D strongly acidic

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

A 4200

B 8400

C 4800

D 3600

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ANSWER KEY

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

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