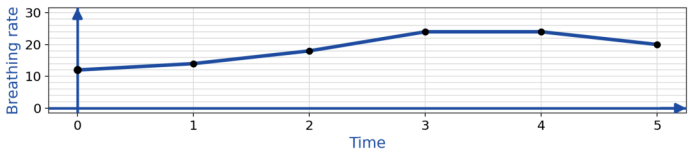
ONTARIO BIOLOGY, GRADE 11, UNIVERSITY PREPARATION (SBI3U) · UNIT D · 5 QUESTIONS

Animals and Plants: Structure and Function — 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 to let Brett know so he can fix it.

1 **The graph shows breathing rate during exercise and recovery. What is the breathing rate at time 3?**



ANSWER

Understand It with Pulse | Flag a mistake

2 **Homeostasis is**

A. a fixed body temperature only

B. the breakdown of food

C. the maintenance of a stable internal environment

D. the production of gametes

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3 **When body temperature falls, a human response is**

- A sweating
- B vasodilation in the skin
- C reduced breathing rate only
- D shivering, which generates heat by muscle activity

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4 **The kidney helps maintain homeostasis by**

- A filtering blood and regulating water and salt balance
- B producing insulin
- C pumping blood
- D digesting protein

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5 **A wide green rice field with shallow water between rows of young rice plants under a blue sky. In plants, roots absorb water mainly through**



A leaves

B root hairs, which increase surface area

C stems

D flowers

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ANSWER KEY

1. 24
2. C
3. D
4. A
5. B

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