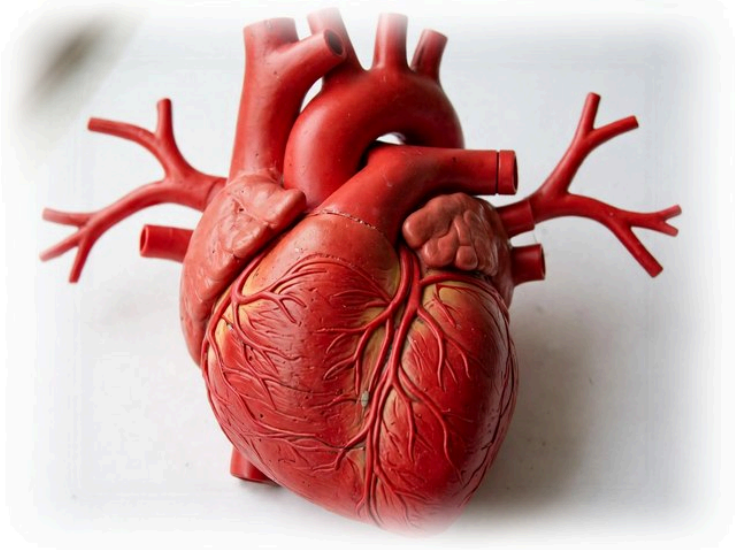
NOVA SCOTIA ADVANCED BIOLOGY 12 · UNIT A · 5 QUESTIONS

Maintaining Dynamic Equilibrium II — 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 **Red anatomical model of a human heart on a white surface. An athlete heart beats 84 times in 60 seconds. The heart rate, in beats per minute, is**



ANSWER _____

Understand It with Pulse | Flag a mistake

2 **An athlete heart beats 150 times in 100 seconds. The heart rate, in beats per minute, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **A resting person takes 40 breaths in 120 seconds. The breathing rate, in breaths per minute, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **A resting person takes 21 breaths in 60 seconds. The breathing rate, in breaths per minute, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **A nerve impulse travels 108 metres in 0.9 seconds. The conduction speed, in metres per second, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 84
2. 90
3. 20
4. 21
5. 120

© 2026 Brett Robbins. All Rights Reserved.