NORTHWEST TERRITORIES ANATOMY AND PHYSIOLOGY 12 (MATPH12) · UNIT B · 10 QUESTIONS

Digestive and Respiratory Systems — Practice Test

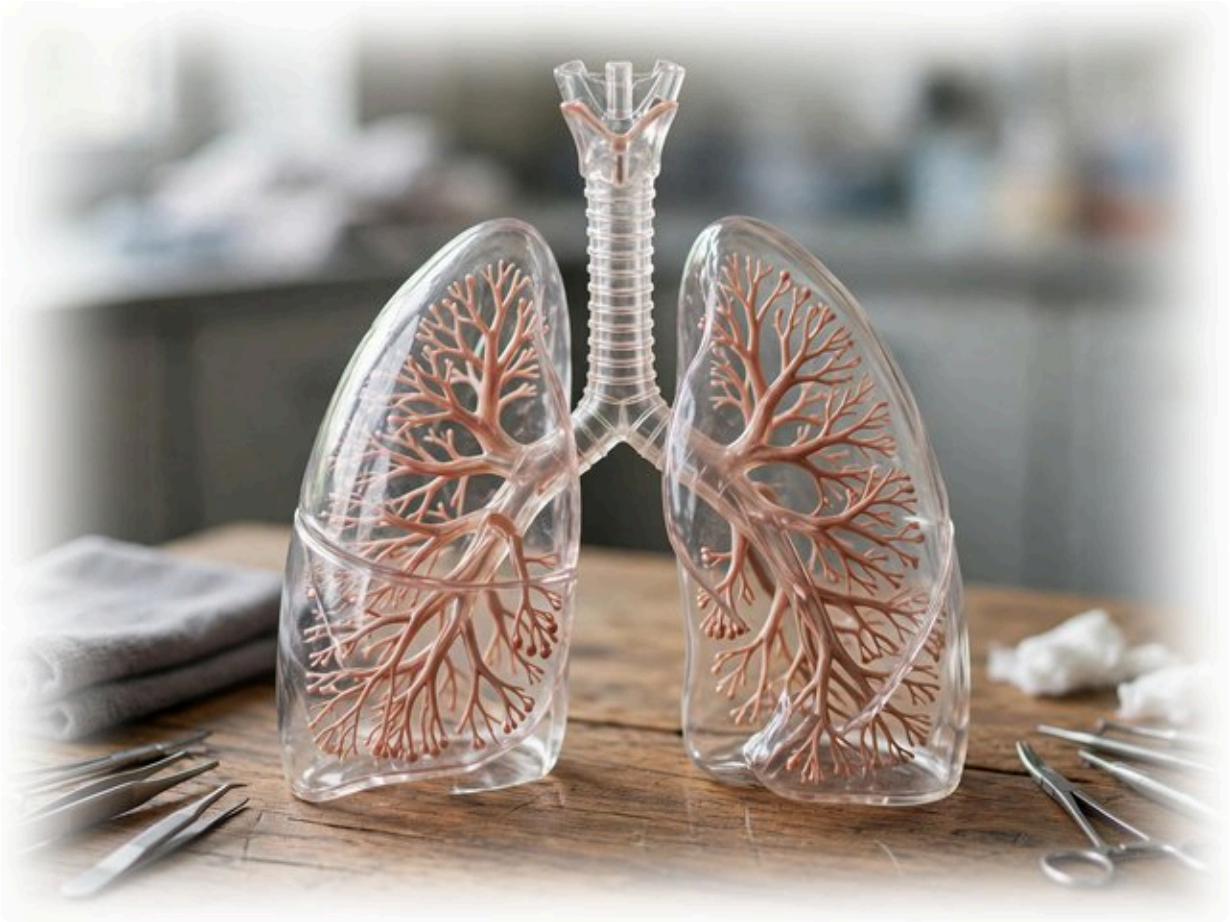
This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **The appendix is attached to the**

- **A** caecum
- **B** stomach
- **C** liver
- **D** pancreas

Understand It with Pulse | Flag a mistake

2 **The first branch of the trachea into each lung is a**



A bronchiole

B alveolus

C bronchus

D capillary

Understand It with Pulse | Flag a mistake

3 **During exhalation, the volume of the chest cavity**

A increases

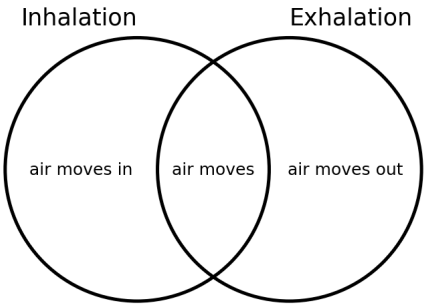
B stays the same

C decreases

D doubles

Understand It with Pulse | Flag a mistake

4 **The diagram compares inhalation and exhalation. The feature shared by both stages is that they**



A move air between lungs and outside air

B expand the chest

C contract the diaphragm

D raise oxygen in blood

Understand It with Pulse | Flag a mistake

5 **Haemoglobin releases oxygen most readily where tissues are**

A high in oxygen

B low in oxygen

C high in glucose

D low in carbon dioxide

Understand It with Pulse | Flag a mistake

6 **Most carbon dioxide in blood is carried as**

A free gas

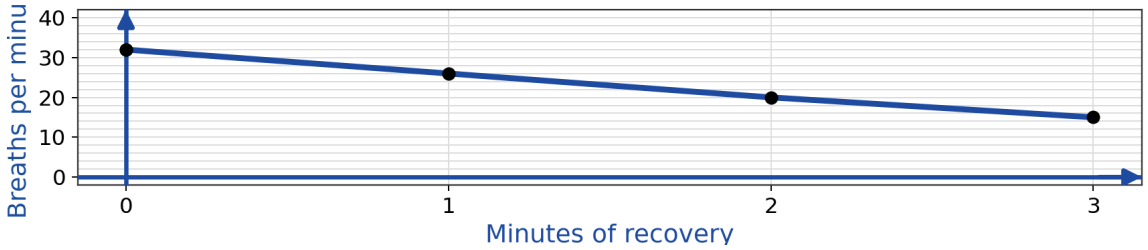
B haemoglobin

C hydrogen carbonate ions

D plasma protein

Understand It with Pulse | Flag a mistake

7 **The graph shows breathing rate as a person rests after exercise. As recovery proceeds, breathing rate**



A rises steadily

B stays high

C falls back toward resting rate

D drops to zero

Understand It with Pulse | Flag a mistake

8 **Smoking damages alveoli and reduces their surface area. Gas exchange then**



A becomes faster

B stops needing oxygen

C moves to the stomach

D becomes less efficient

Understand It with Pulse | Flag a mistake

9 **The digestive system helps homeostasis by keeping a steady supply of**

A oxygen

B carbon dioxide

C nutrients in blood

D red cells

Understand It with Pulse | Flag a mistake

10 **The respiratory system helps control blood pH by adjusting how much**

A oxygen is eaten

B food is digested

C water is drunk

D carbon dioxide is breathed out

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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