ALBERTA BIOLOGY 20 · UNIT 4 · 5 QUESTIONS

Human Systems — Practice Test

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1 **A frozen lake in winter, smooth pale blue ice with snow along the shore, bare trees on the far bank, soft overcast light, no people. The wave-like contractions of the smooth muscle in the walls of the digestive tract that push food along are called**



A Peristalsis

B Emulsification

C Filtration

D Absorption

Understand It with Pulse

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2 **The primary function of the large intestine in the digestive process is to**

A Complete the chemical digestion of fats

B Absorb most of the amino acids and glucose

C Absorb water and mineral salts, forming feces

D Produce bile for the digestion of fat

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3 **The strong acid in gastric juice that activates pepsin and kills most bacteria in swallowed food is**

A Lactic acid

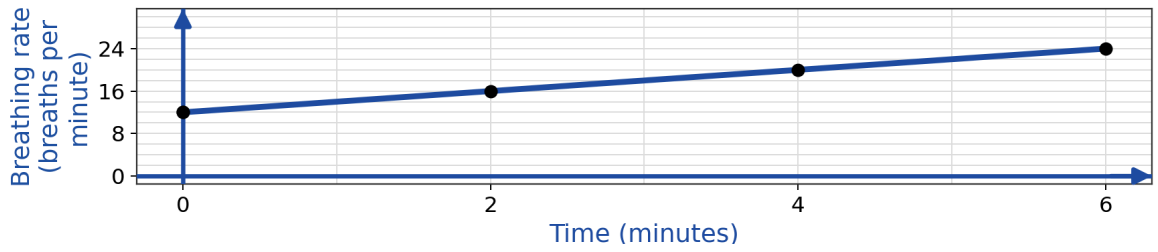
B Acetic acid

C Citric acid

D Hydrochloric acid

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4 **The graph shows a student's breathing rate during exercise. The student's tidal volume is 500 mL per breath. The volume of air inhaled in one minute at 2 minutes, in mL, is _____**



ANSWER _____

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5 **In addition to the kidneys, an organ that excretes wastes such as water, salts and a small amount of urea in sweat is the**

A Liver

B Skin

C Spleen

D Pancreas

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ANSWER KEY

1. A
2. C
3. D
4. 8000
5. B

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