

Brett Robbins Academic Consulting

Biology 20 Practice Test

Unit 4: Human Systems

5 Questions

Original practice questions written to the Alberta curriculum, in the style of past diploma examinations. Work through each question, then check your answers with the key at the end.

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, contact Brett for clarification.

Question 1

Most of the chemical digestion and absorption of nutrients in the human digestive system occurs in the

- A) Stomach
- B) Small intestine
- C) Large intestine
- D) Liver

Question 2

The enzyme in saliva that begins the chemical digestion of starch in the mouth is

- A) Pepsin
- B) Lipase
- C) Salivary amylase
- D) Trypsin

Question 3

In the respiratory system, gas exchange between the air and the blood occurs in the

- A) Alveoli
- B) Bronchi
- C) Trachea
- D) Diaphragm

Question 4

Which blood vessel carries oxygen-rich blood from the heart to the rest of the body?

- A) Pulmonary artery
- B) Vena cava
- C) Pulmonary vein
- D) Aorta

Question 5

The number of chambers in the human heart is ____.

Answer Key

- | | | |
|------|------|------|
| 1. B | 3. A | 5. 4 |
| 2. C | 4. D | |

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