

Mathematics in Human Biology

Mathematics · Practice Test · 8 Questions

1. What is the approximate total number of bones in an adult human skeleton?

- A) 186
- B) 206
- C) 226
- D) 246

2. The average adult heart beats approximately how many times per day if the rate is 70 beats per minute?

- A) 50,400
- B) 86,400
- C) 100,800
- D) 120,000

3. What percentage of the total human body weight is typically accounted for by water in an average adult male?

- A) 40%
- B) 60%
- C) 80%
- D) 90%

4. If a person has 5 liters of blood, how many milliliters are there in total?

- A) 500 ml
- B) 5,000 ml
- C) 50,000 ml
- D) 500,000 ml

5. The human adult spine consists of how many individual vertebrae?

- A) 24
- B) 26
- C) 30
- D) 33

6. What is the standard BMI range considered to be 'normal' or 'healthy weight'?

- A) 15.5-18.4
- B) 18.5-24.9
- C) 25.0-29.9
- D) 30.0-34.9

7. A human lung has approximately 300 million to 500 million of which structures, which are responsible for gas exchange?

- A) Bronchioles
- B) Alveoli
- C) Trachea
- D) Pleura

8. The human body typically contains how many pairs of ribs?

- A) 10
- B) 12
- C) 14
- D) 16