

Advanced Human Anatomy Metrics

Human Biology · Answer Key · 10 Questions

1. In the standard adult human skeletal system, what is the exact number of bones typically found in the cranium and facial skeleton combined?

A) 22

B) 206

C) 126

D) 80

2. What is the approximate total surface area of the human lungs in a healthy adult, when measured at full inspiration?

A) 10-20 square meters

B) 70-100 square meters

C) 5-10 square meters

D) 200-250 square meters

3. In which year did Andreas Vesalius publish 'De humani corporis fabrica', a foundational text that corrected over 200 errors in Galen's anatomical work?

A) 1492

B) 1543

C) 1601

D) 1720

4. What is the average number of nephrons located in a single healthy adult human kidney?

A) 50,000

B) 500,000

C) 1,000,000

D) 5,000,000

5. Which cranial nerve, also known as the tenth cranial nerve, is the longest and has the most extensive distribution in the human body?

A) Trigeminal nerve

B) Optic nerve

C) Vagus nerve

D) Facial nerve

6. How many distinct segments are present in the spinal cord, defined by the pairs of spinal nerves that emerge from them?

A) 31

B) 26

C) 33

D) 12

7. What is the average volume of blood in a healthy adult male, expressed in liters?

A) 3.5-4.0 L

B) 5.0-6.0 L

C) 7.5-8.5 L

D) 10.0-12.0 L

8. The human heart typically beats how many times per day on average, assuming a resting heart rate of 70 beats per minute?

A) 50,000

B) 100,800

C) 150,000

D) 200,000

9. What is the standard number of deciduous (primary) teeth that typically erupt in a human child?

A) 20

B) 24

C) 28

D) 32

10. In what year was the first successful human-to-human heart transplant performed by Dr. Christiaan Barnard?

A) 1955

B) 1967

C) 1972

D) 1980