

Human Biology Quantitative Facts

Human Biology · Answer Key · 25 Questions

1. How many pairs of chromosomes are typically found in a normal human somatic cell?

- A) 22
- B) 23**
- C) 44
- D) 46

2. In which year was the first draft of the Human Genome Project officially announced?

- A) 1990
- B) 1995
- C) 2000**
- D) 2003

3. What is the approximate number of bones in a fully developed adult human skeleton?

- A) 186
- B) 206**
- C) 226
- D) 256

4. The human heart typically beats approximately how many times per day?

- A) 50,000
- B) 75,000
- C) 100,000**
- D) 150,000

5. Who is credited with discovering the ABO blood group system in 1901?

- A) Karl Landsteiner**
- B) Louis Pasteur
- C) Robert Koch
- D) Gregor Mendel

6. What is the average length of the small intestine in a living adult human?

- A) 3 metres
- B) 6 metres**
- C) 9 metres
- D) 12 metres

7. Approximately what percentage of the total human body weight is made up of water?

A) 40%

B) 60%

C) 80%

D) 90%

8. The human brain consumes approximately what percentage of the body's total oxygen supply?

A) 5%

B) 10%

C) 20%

D) 35%

9. How many primary teeth are typically found in a complete set of human deciduous teeth?

A) 16

B) 20

C) 24

D) 32

10. In what year did James Watson and Francis Crick publish their paper on the double helix structure of DNA?

A) 1948

B) 1953

C) 1958

D) 1962

11. What is the average lifespan of a human red blood cell?

A) 30 days

B) 60 days

C) 120 days

D) 180 days

12. How many lobes are present in the right lung of a human?

A) 1

B) 2

C) 3

D) 4

13. The total surface area of the human skin in an average adult is approximately how many square metres?

A) 1

B) 2

C) 4

D) 6

14. How many cervical vertebrae are found in the human spinal column?

A) 5

B) 7

C) 9

D) 12

15. What is the approximate number of taste buds on the human tongue?

A) 2,000

B) 5,000

C) 10,000

D) 20,000

16. The human body contains how many principal organ systems?

A) 7

B) 9

C) 11

D) 13

17. In which decade was the first successful human heart transplant performed by Christiaan Barnard?

A) 1950s

B) 1960s

C) 1970s

D) 1980s

18. How many chambers are there in a human heart?

A) 2

B) 3

C) 4

D) 5

19. The average human body temperature is often cited as 37 degrees Celsius; what is this in Fahrenheit?

- A) 95.6°F
- B) 98.6°F**
- C) 100.4°F
- D) 102.2°F

20. A human sperm cell contains how many chromosomes?

- A) 22
- B) 23**
- C) 46
- D) 48

21. The human retina contains approximately how many rod cells?

- A) 50 million
- B) 90 million
- C) 120 million**
- D) 150 million

22. How many pairs of cranial nerves are attached to the human brain?

- A) 6
- B) 10
- C) 12**
- D) 14

23. Approximately how many litres of blood does an average adult human body contain?

- A) 3-4 litres
- B) 5-6 litres**
- C) 7-8 litres
- D) 9-10 litres

24. What is the number of muscles in the human body approximately?

- A) over 300
- B) over 600**
- C) over 900
- D) over 1200

25. How many nucleotides make up the human genome?

- A) 1 billion
- B) 3 billion**
- C) 6 billion
- D) 9 billion