

Logic and Human Biology

Human Biology · Practice Test · 18 Questions

1. Which organ is logically classified as part of the human endocrine system?

- A) Liver
- B) Pancreas
- C) Lungs
- D) Stomach

2. If a person has type O-negative blood, which category of blood can they logically receive in a transfusion?

- A) Type AB-positive
- B) Type A-negative
- C) Type O-negative
- D) Type B-positive

3. Which of the following is logically categorized as a macronutrient required for human health?

- A) Vitamin C
- B) Iron
- C) Protein
- D) Calcium

4. In the logical hierarchy of human anatomy, which structure is considered the smallest functional unit of the body?

- A) Organ
- B) Tissue
- C) Cell
- D) System

5. Which part of the brain is logically responsible for the regulation of involuntary functions such as breathing and heartbeat?

- A) Cerebellum
- B) Medulla oblongata
- C) Occipital lobe
- D) Hippocampus

6. Which logical classification identifies the primary function of white blood cells?

- A) Oxygen transport
- B) Clotting
- C) Immune defense
- D) Nutrient absorption

7. If a human adult has 32 permanent teeth, how many are categorized as incisors?

- A) 4
- B) 8
- C) 12
- D) 16

8. Which mineral is logically recognized as the most abundant in the human body, primarily stored in the skeletal system?

- A) Iron
- B) Calcium
- C) Potassium
- D) Magnesium

9. Which phase of the human cell cycle is logically defined as the process of cell division resulting in two identical daughter cells?

- A) Interphase
- B) Mitosis
- C) Meiosis
- D) Prophase

10. Which logical category of pathogens is responsible for causing influenza?

- A) Bacteria
- B) Fungi
- C) Viruses
- D) Parasites

11. The human vertebral column is logically divided into how many primary anatomical regions?

- A) 3
- B) 5
- C) 7
- D) 9

12. Which gland is logically referred to as the 'master gland' of the endocrine system?

- A) Thyroid
- B) Adrenal
- C) Pituitary
- D) Pancreas

13. Which body system is logically responsible for the circulation of lymph throughout the body?

- A) Circulatory system
- B) Lymphatic system
- C) Respiratory system
- D) Endocrine system

14. In human logic, which sense is most directly linked to the olfactory bulb?

- A) Sight
- B) Hearing
- C) Taste
- D) Smell

15. Which of the following describes the logical role of insulin in the human body?

- A) Raising blood sugar
- B) Lowering blood sugar
- C) Filtering waste
- D) Producing bile

16. How many pairs of ribs are logically present in a typical human skeleton?

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

17. Which type of muscle tissue is logically categorized as involuntary and found in the walls of hollow organs?

- A) Skeletal
- B) Cardiac
- C) Smooth
- D) Striated

18. Which substance is logically identified as the main component of human fingernails and hair?

- A) Collagen
- B) Keratin
- C) Melanin
- D) Elastin