

Middle School Human Anatomy Quiz

Human Anatomy · Answer Key · 18 Questions

1. Which human organ is primarily responsible for filtering waste products from the blood to produce urine?

- A) Liver
- B) Kidneys**
- C) Pancreas
- D) Gallbladder

2. What is the primary function of the alveoli in the human respiratory system?

- A) Pumping blood
- B) Filtering air
- C) Gas exchange**
- D) Digesting proteins

3. Which bone is commonly known as the 'shoulder blade'?

- A) Clavicle
- B) Humerus
- C) Scapula**
- D) Sternum

4. Which type of blood vessel carries oxygenated blood away from the heart to the rest of the body?

- A) Artery**
- B) Vein
- C) Capillary
- D) Venule

5. What is the largest organ in the human body by surface area?

- A) Liver
- B) Brain
- C) Small Intestine
- D) Skin**

6. Which part of the human brain is responsible for balance, coordination, and fine motor control?

- A) Cerebrum
- B) Cerebellum**
- C) Brainstem
- D) Hypothalamus

7. How many chambers are found in a healthy human heart?

- A) Two
- B) Three
- C) Four**
- D) Five

8. What is the main function of the small intestine in the digestive system?

- A) Absorbing nutrients**
- B) Storing waste
- C) Breaking down starch
- D) Producing bile

9. Which muscle type is responsible for involuntary movements of internal organs, such as the stomach?

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

10. What substance in the blood is responsible for transporting oxygen to cells?

- A) Plasma
- B) Platelets
- C) White blood cells
- D) Hemoglobin**

11. Which endocrine gland is often referred to as the 'master gland' because it controls many other glands?

- A) Thyroid
- B) Adrenal
- C) Pituitary**
- D) Pineal

12. What is the scientific name for the upper arm bone?

- A) Femur
- B) Radius
- C) Ulna
- D) Humerus**

13. Where are red blood cells produced in the human body?

A) Bone marrow

B) Spleen

C) Liver

D) Lymph nodes

14. Which gas do cells produce as a waste product during cellular respiration?

A) Oxygen

B) Nitrogen

C) Carbon dioxide

D) Hydrogen

15. Which joint allows for rotation and is found in the neck?

A) Hinge joint

B) Pivot joint

C) Ball-and-socket joint

D) Gliding joint

16. What is the function of the epiglottis in the human body?

A) To produce saliva

B) To prevent food from entering the trachea

C) To store bile

D) To filter bacteria

17. Which mineral is essential for the structure and hardness of human bones?

A) Iron

B) Calcium

C) Sodium

D) Potassium

18. What is the primary purpose of the nervous system?

A) Digestion of food

B) Transporting hormones

C) Processing and transmitting information

D) Structural support