

Elementary Medicine Knowledge

Medicine · Answer Key · 15 Questions

1. Which component of human blood is primarily responsible for transporting oxygen throughout the body?

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

2. What is the primary function of the small intestine in the human digestive system?

- A) Absorption of nutrients**
- B) Production of bile
- C) Breaking down food with acid
- D) Elimination of solid waste

3. Which organ is responsible for filtering waste products and excess water from the blood to produce urine?

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

4. What type of pathogen is responsible for causing the common cold?

- A) Bacteria
- B) Fungus
- C) Virus**
- D) Parasite

5. Which bone in the human body is commonly known as the 'thigh bone' and is the longest in the skeletal system?

- A) Tibia
- B) Fibula
- C) Humerus
- D) Femur**

6. What is the main purpose of a vaccine in the human body?

- A) To cure an existing infection
- B) To stimulate the immune system to recognize a pathogen**
- C) To act as a painkiller for inflammation
- D) To replace missing nutrients

7. Which part of the human eye is responsible for focusing light onto the retina?

- A) Pupil
- B) Iris
- C) Lens**
- D) Cornea

8. What is the primary role of the pancreas in the body's endocrine system?

- A) Regulating blood sugar levels**
- B) Filtering toxins
- C) Producing red blood cells
- D) Regulating body temperature

9. Which system of the body includes the heart, blood vessels, and blood?

- A) Respiratory
- B) Nervous
- C) Circulatory**
- D) Endocrine

10. What is the name of the chemical messenger secreted by glands that travels through the bloodstream to regulate organs?

- A) Enzyme
- B) Antibody
- C) Hormone**
- D) Neurotransmitter

11. Which structure in the lungs is the primary site for gas exchange between the air and the blood?

- A) Bronchi
- B) Trachea
- C) Alveoli**
- D) Diaphragm

12. What is the function of platelets in the circulatory system?

- A) Defending against bacteria
- B) Clotting blood to prevent bleeding**
- C) Transporting carbon dioxide
- D) Storing iron

13. In which part of the brain is the 'center' for balance and coordination located?

A) Cerebellum

B) Cerebrum

C) Brainstem

D) Thalamus

14. Which vitamin is primarily synthesized by the human body through exposure to sunlight?

A) Vitamin C

B) Vitamin B12

C) Vitamin D

D) Vitamin A

15. What is the name of the process by which cells break down glucose to produce energy?

A) Photosynthesis

B) Respiration

C) Digestion

D) Fermentation