

Basic Human Body Facts in Medicine

Medicine · Answer Key · 18 Questions

1. What is the primary function of red blood cells?

- A) To fight infections
- B) To carry oxygen**
- C) To clot blood
- D) To produce hormones

2. Which organ is responsible for pumping blood throughout the body?

- A) Lungs
- B) Brain
- C) Heart**
- D) Kidneys

3. What is the largest organ in the human body?

- A) Liver
- B) Brain
- C) Skin**
- D) Lungs

4. Which part of the body is responsible for filtering waste products from the blood and producing urine?

- A) Stomach
- B) Intestines
- C) Liver
- D) Kidneys**

5. What are the basic units of the nervous system that transmit information?

- A) Blood cells
- B) Bone cells
- C) Neurons**
- D) Muscle cells

6. Which bone is commonly known as the 'funny bone', though it's actually a nerve?

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

7. What is the process by which plants produce food using sunlight?

- A) Respiration
- B) Digestion
- C) Photosynthesis**
- D) Fermentation

8. How many chambers does the human heart have?

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

9. What is the main component of bones?

- A) Cartilage
- B) Water
- C) Minerals like calcium**
- D) Fat

10. Which system in the body is responsible for breaking down food into nutrients?

- A) Circulatory system
- B) Respiratory system
- C) Digestive system**
- D) Nervous system

11. What is the primary gas that humans exhale?

- A) Oxygen
- B) Nitrogen
- C) Carbon dioxide**
- D) Hydrogen

12. What is the protective outer layer of the eye that covers the iris and pupil?

- A) Retina
- B) Cornea**
- C) Lens
- D) Optic nerve

13. What is the name of the process by which living organisms grow and repair themselves?

- A) Metabolism
- B) Cellular respiration
- C) Mitosis**
- D) Photosynthesis

14. Which type of cell is responsible for producing antibodies to fight infections?

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

15. What is the main function of the lungs?

- A) Digesting food
- B) Pumping blood
- C) Exchanging oxygen and carbon dioxide**
- D) Filtering waste

16. What substance gives plants their green color and is essential for photosynthesis?

- A) Carotene
- B) Chlorophyll**
- C) Melanin
- D) Hemoglobin

17. Which gland is often called the 'master gland' because it controls many other glands in the body?

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

18. What are the tiny air sacs in the lungs where oxygen and carbon dioxide are exchanged called?

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