

Human Body Essentials

Biology · Answer Key · 18 Questions

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

- A) Lungs
- B) Heart**
- C) Liver
- D) Stomach

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

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

3. How many bones are typically found in an adult human skeleton?

- A) 106
- B) 206**
- C) 306
- D) 406

4. Which part of the body is known as the command center of the nervous system?

- A) Heart
- B) Spinal Cord
- C) Brain**
- D) Stomach

5. What substance in red blood cells carries oxygen to the rest of the body?

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

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

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

7. What is the main function of the small intestine during digestion?

A) Producing stomach acid

B) Absorbing nutrients

C) Filtering toxins

D) Storing waste

8. What are the chemical messengers of the endocrine system called?

A) Neurons

B) Enzymes

C) Hormones

D) Antibodies

9. Which type of blood vessel carries oxygen-rich blood away from the heart?

A) Vein

B) Capillary

C) Artery

D) Venule

10. What is the primary function of the diaphragm muscle?

A) Digesting food

B) Pumping blood

C) Assisting with breathing

D) Filtering waste

11. Which mineral is most important for the strength of human bones and teeth?

A) Iron

B) Calcium

C) Potassium

D) Sodium

12. What is the name of the pigment that gives skin and hair their color?

A) Keratin

B) Hemoglobin

C) Melanin

D) Collagen

13. Which of these is the body's first line of defense against pathogens?

A) Skin

B) Stomach acid

C) White blood cells

D) Antibodies

14. What is the hardest substance in the human body?

- A) Bone marrow
- B) Tooth enamel**
- C) Finger nails
- D) Rib cage

15. Which part of the eye controls the amount of light that enters?

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

16. Approximately how much of the human body is made up of water?

- A) 30 percent
- B) 60 percent**
- C) 80 percent
- D) 95 percent

17. Which type of joint allows for the widest range of motion, such as in the shoulder?

- A) Hinge joint
- B) Ball-and-socket joint**
- C) Pivot joint
- D) Gliding joint

18. What is the primary role of white blood cells in the immune system?

- A) Carrying oxygen
- B) Clotting blood
- C) Fighting infection**
- D) Producing energy