

Human Body Systems Overview

Biology · Practice Test · 15 Questions

1. What is a body system?

- A) A single cell
- B) A group of organs working together
- C) A type of food
- D) A chemical messenger

2. Which system is responsible for breaking down food into nutrients?

- A) Respiratory
- B) Excretory
- C) Digestive
- D) Skeletal

3. Where does the exchange of oxygen and carbon dioxide take place?

- A) Alveoli
- B) Bones
- C) Muscles
- D) Skin

4. Which system removes waste from the body?

- A) Nervous
- B) Excretory
- C) Endocrine
- D) Muscular

5. What is the primary function of the skeletal system?

- A) Pumping blood
- B) Protecting organs and providing structure
- C) Digesting nutrients
- D) Sending messages

6. What connects bones to other bones to stabilize joints?

- A) Tendons
- B) Muscles
- C) Ligaments
- D) Cartilage

7. What is the role of cartilage in joints?

- A) To produce blood
- B) To connect muscles to bones
- C) To store fat
- D) To reduce friction between bones

8. Which muscle type is responsible for involuntary movement of internal organs?

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

9. What tissue connects muscles to bones and transmits forces?

- A) Tendons
- B) Ligaments
- C) Cartilage
- D) Nerves

10. Which system uses chemical messengers to maintain body functions?

- A) Nervous
- B) Endocrine
- C) Respiratory
- D) Digestive

11. What does the circulatory system transport?

- A) Only waste
- B) Oxygen, nutrients, and carbon dioxide
- C) Only food
- D) Only water

12. Which system allows humans to detect and respond to environmental changes?

- A) Nervous
- B) Skeletal
- C) Muscular
- D) Integumentary

13. What is the main function of the muscular system?

- A) Storing calcium
- B) Protecting the brain
- C) Movement and heat generation
- D) Filtration of blood

14. What covers the body and protects internal cells?

- A) Integumentary system
- B) Skeletal system
- C) Nervous system
- D) Endocrine system

15. What does the reproductive system allow humans to do?

- A) Digest food
- B) Produce offspring
- C) Filter blood
- D) Pump oxygen