

HOMEOSTASIS

1. Define the term “homeostasis.”
2. Explain, using an example, how organ systems function in an interdependent way.
3. Explain how the integumentary system and the circulatory system work together to maintain homeostasis while you are playing outside.
4. Explain how the respiratory, circulatory, and nervous systems maintain homeostasis while you are playing outside on a sunny day.
5. Explain how the muscular and skeletal systems work together to maintain homeostasis while you are playing outside on a sunny day.
6. Describe two ways in which doctors can obtain information about the health of your organs during a routine physical examination.
7. What information is provided by the measurement of a pulse?
8. How can the measurement of the blood pressure be used to determine the health of the circulatory system?
9. Use an example to explain what is meant by the term “blood pressure.”
10. What information can be gained from analysis of a blood sample?
11. Why can your excretory system be checked by looking at your urine?
12. What is the role of the kidney?
13. What are 3 problems that can be diagnosed by checking your urine?