

Homeostasis Review

Directions: Answer the following questions in complete, academic sentences.

E60 Homeostasis

1. What is homeostasis?
2. What two things are required to maintain homeostasis?
3. What is stimuli? Give an example.
4. How does the boy react to external stimuli that are too cold?
5. How does the boy react to external stimuli that are too hot?
6. Why does the body respond this way?

E62 Careful Coordination

7. Why are continuous automatic adjustments possible in the human body?
8. Explain the homeostatic response called reflex.
9. Contrast an endocrine system response to a reflex response.
10. What gland in the brain releases chemical messengers called hormones?
11. Explain the function of the hypothalamus.

E66 Regulation and Homeostasis

12. Explain feedback control.
13. What organ regenerates if a portion of it is removed?