

Topic: Homeostasis and Feedback Mechanisms

Learning Objective/Outcome:

1. Describe how organisms maintain stable internal conditions in response to external and internal stimuli

Keywords/Questions

Notes

What is the difference between internal and external environments?

Define homeostasis.

What is the function of the control centers?

Explain the fight or flight response.

Explain the three steps of the fight or flight physiology.

Explain the physiological effects of the fight or flight response.

What is the function of response to internal stimuli?

Explain how vomiting is a reflex to respond to internal stimuli.

What are the steps in the response to internal stimuli?

Name and explain the 5 variables in homeostasis.

What are set points?

What would happen if variables fall too low or too high?

What is feedback?

Explain negative feedback.

What are the negative feedback steps?

Explain positive feedback.

What is a homeostatic imbalance?

What may occur if there is a homeostatic imbalance?

Summary

