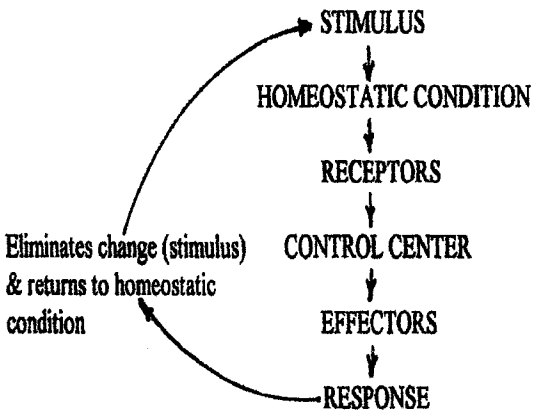
D. occurs.

a. The consequence of the response on the stimulus is feedback.

b. May be ; Both important for survival

1. **Negative feedback** = The response the original ; gets the body back to normal

2. **Positive** feedback = The response the original ;exaggerates the bodies efforts to get back to normal



IV. Negative Feedback Pathways

A. Occurs when your systems need to or completely a process that is happening.

B. The product of the pathway the original signal.

C. feedback in biological systems

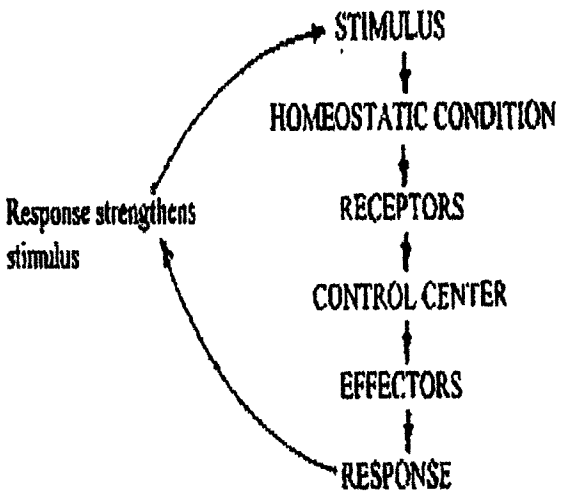
Examples: Thermoregulation; Osmoregulation; Glucose regulation

V. Positive Feedback

A. Process that your body's response to a stimulus

B. Positive feedback is the opposite of negative feedback in that it a process or the action of a system

C. Continues to amplify your body's response to a stimulus until a negative feedback response takes over.



D.

Examples: Breast feeding; Fruit ripening; Thrombin in clot formation

VI. Why is feedback important in living things?

A. Allows a to be regained

B. cell resources and energy (ATP)

C. Prevents and cell (not getting all they need)

D. Prevents - cells being poisoned by things they do not need