

14 Homeostasis – Part 1 —Answers

Answers

Work through these after trying the questions yourself.

14.1 Keeping the conditions inside the body steady.

14.2 A receptor.

14.3 The nervous system and the endocrine system (hormones).

14.4 A muscle or gland that makes a response.

14.5 Back towards the normal level.

14.6 In each case a change away from the normal temperature triggers a response in the *opposite* direction —cooling when too hot, warming when too cold. Because each response reverses the change and returns the body to its set point, both are negative feedback.