# Homeostasis and Osmoregulation Revision Worksheet

1. Define Homeostasis.

1. Explain the concept of negative feedback using a thermostat as an example; (utilize a diagram to help in your explanation) and give two incidences when negative feedback can occur in the body.
2. Define the words; Metabolism, Excretion, Tissue Fluid, Deamination, Ultrafilatration, Denature, Endotherms, Vasodilation.
3. (a) Define excretion; (b) discuss why it is important to living organisms and (c) give two named examples of **excretory products** found in (1) Plants and (2) Animals and state how they are excreted.
4. Discuss how the structure of the kidney is related to (1) salt and water balancing (Osmoregulation) and (2) excretion.
5. Discuss the role of antidiuretic hormone (ADH) in Osmoregulation
6. Explain how plants are adapted to conserve water.
7. Describe how skin (human) regulates temperature.
8. Discuss how blood glucose levels are controlled.
9. Discuss how Carbon Dioxide levels in the body are controlled.

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