

Name _____

AP BIOLOGY EXAM TWELVE

FREE RESPONSE QUESTION

Feedback mechanisms are used by organisms to maintain the steady-state physiological condition known as homeostasis. Choose **three** of the following and for each, explain how feedback mechanisms maintain homeostasis.

- a) Blood glucose concentration.
- b) Calcium ion concentration in blood.
- c) Body temperatures in mammals.
- d) Osmolarity of the blood.
- e) Pulse rate in mammals.