Endocrine System worksheet #3

Fill in the blank:

1. Long term stress is a stress that lasts for _______ or longer.

2. Antidiuretic hormone is released during dehydration and it leads to _______ and vasoconstriction.

3. Too much prolactin can inhibit the release of _______ which can cause animals to stop cycling.

Multiple Choice:

1. Growth Hormone stimulates the release of what?
   a. GHIH
   b. GHRH
   c. Insulin like growth factors
   d. New cells

2. The Posterior Pituitary:
   a. Is a neural extension of the hypothalamus
   b. Is made of glandular tissue
   c. Is part of the spinal cord
   d. Produces hormones

3. Once ACTH reaches the adrenal gland it causes the release of what?
   a. Cortico releasing hormone
   b. Epinephrine
   c. GnRH
   d. Cortisol

Short answer:

1. What are the two hormones we talked about that are stored and released from the Posterior pituitary?

2. What are two functions of oxytocin? What can inhibit the release of oxytocin?
3. What are some of the physiological changes associated with long term stress? (hint: what systems does it affect?)

4. What are the hormones released from the anterior pituitary? Draw a flowchart showing the movement of hormones from the anterior pituitary.