

## Choose the correct answer from the following questions:

1) Which of these hormones is released by the adrenal medulla:

- A) sex hormones
- B) aldosterone
- C) glucocorticoids
- D) epinephrine

2) Rising blood levels of aldosterone results in the removal of \_\_\_\_\_ from the urine.

- A) calcium
- B) sodium
- C) iodine
- D) potassium
- E) hydrogen

3) The hormone that appears to help regulate our sleep-awake cycles is:

- A) melatonin
- B) thyroxine
- C) progesterone
- D) inhibin
- E) glucagon

4) Estrogens do all of the following EXCEPT:

- A) stimulate menstruation in preparation for fertilization
- B) help maintain pregnancy
- C) stimulate growth of facial hair
- D) prepare the uterus to receive a fertilized egg during reproduction

**5) Insulin causes:**

- A) a decrease in the concentration of blood glucose
- B) an increase in blood pressure
- C) an increase in the production of glucagon
- D) an increase in the concentration of blood glucose

**6) \_\_\_\_\_ is controlled by and regulates the function of insulin within the blood stream.**

- A) oxytocin
- B) glucagon
- C) testosterone
- D) thyroid hormone

**Application Question:**

How is the hormone calcitonin controlled by a negative feedback mechanism, and what effect does calcitonin have on blood calcium levels?