

## Endocrine Hormones - Multiple Choice Test

©Sheri Amsel • www.exploringnature.org

Name \_\_\_\_\_ Date \_\_\_\_\_

**1** The anterior pituitary makes and secretes all the following hormones, EXCEPT:

- A** growth hormone
- B** thyroid stimulating hormone
- C** prolactin
- D** luteinizing hormone
- E** estrogen

**2** The thyroid hormones:

- A** trigger milk production in women.
- B** regulate the amount of sugar in the blood.
- C** stabilize metabolic rate for homeostasis.
- D** target the ovaries in females and the testes in males.

**3** Antidiuretic hormone (ADH), also called vasopressin:

- A** targets the kidneys to retain water in the body.
- B** regulates the amount of sugar in the blood.
- C** stabilizes metabolic rate for homeostasis.
- D** triggers milk production in women.

**4** The pancreatic endocrine hormone insulin:

- A** targets the kidneys to retain water in the body.
- B** regulates the amount of sugar in the blood.
- C** stabilizes metabolic rate for homeostasis.
- D** triggers milk production in women.

**5** Epinephrine, secreted by the adrenal medulla:

- A** helps the body respond to stress with fight or flight.
- B** triggers the release of estrogen.
- C** stabilizes metabolic rate for homeostasis.
- D** triggers milk production in women.

**6** The adrenal cortex hormone aldosterone:

- A** triggers milk production in women.
- B** regulates the amount of sugar in the blood.
- C** triggers the release of estrogen.
- D** helps regulate blood pressure and volume balancing sodium and potassium.

**7** The anterior pituitary hormone prolactin:

- A** triggers milk production in women.
- B** regulates the amount of sugar in the blood.
- C** triggers the release of estrogen.
- D** helps regulate blood pressure and volume balancing sodium and potassium.

**8** The adrenal cortex hormone corticosterone:

- A** triggers milk production in women.
- B** regulates the amount of sugar in the blood.
- C** lowers inflammatory reactions of the body and enhances the immune system.
- D** triggers the release of estrogen.

**9** The following organ secretes both hormones and digestive enzymes.

- A** pancreas
- B** adrenal glands
- C** thyroid
- D** pituitary

**10** The posterior pituitary hormone secreted during childbirth is:

- A** growth hormone
- B** thyroid hormone
- C** oxytocin
- D** aldosterone
- E** insulin

# Endocrine Hormones - Multiple Choice Test

©Sheri Amsel • www.exploringnature.org

Name \_\_\_\_\_ Date \_\_\_\_\_

1 The anterior pituitary makes and secretes all the following hormones, EXCEPT:

- A growth hormone
- B thyroid stimulating hormone
- C prolactin
- D luteinizing hormone
- ☒ E estrogen

2 The thyroid hormones:

- A trigger milk production in women.
- B regulate the amount of sugar in the blood.
- ☒ C stabilize metabolic rate for homeostasis.
- D target the ovaries in females and the testes in males.

3 Antidiuretic hormone (ADH), also called vasopressin:

- ☒ A targets the kidneys to retain water in the body.
- B regulates the amount of sugar in the blood.
- C stabilizes metabolic rate for homeostasis.
- D triggers milk production in women.

4 The pancreatic endocrine hormone insulin:

- A targets the kidneys to retain water in the body.
- ☒ B regulates the amount of sugar in the blood.
- C stabilizes metabolic rate for homeostasis.
- D triggers milk production in women.

5 Epinephrine, secreted by the adrenal medulla:

- ☒ A helps the body respond to stress with fight or flight.
- B triggers the release of estrogen.
- C stabilizes metabolic rate for homeostasis.
- D triggers milk production in women.

6 The adrenal cortex hormone aldosterone:

- A triggers milk production in women.
- B regulates the amount of sugar in the blood.
- C triggers the release of estrogen.
- ☒ D helps regulate blood pressure and volume balancing sodium and potassium.

7 The anterior pituitary hormone prolactin:

- ☒ A triggers milk production in women.
- B regulates the amount of sugar in the blood.
- C triggers the release of estrogen.
- D helps regulate blood pressure and volume balancing sodium and potassium.

8 The adrenal cortex hormone corticosterone:

- A triggers milk production in women.
- B regulates the amount of sugar in the blood.
- ☒ C lowers inflammatory reactions of the body and enhances the immune system.
- D triggers the release of estrogen.

9 The following organ secretes both hormones and digestive enzymes.

- ☒ A pancreas
- B adrenal glands
- C thyroid
- D pituitary

10 The posterior pituitary hormone secreted during childbirth is:

- A growth hormone
- B thyroid hormone
- ☒ C oxytocin
- D aldosterone
- E insulin