



QUIZ

Time

physiology19

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one of these hormone will increase if Hypophyseal adenoma cutting?

- A. Releasing hormone B. inhibiting hormone C. A+B D. prolactine

ADH & oxytocin are storing and secreting in -

- A. Somatic nucleus B. posterior pituitary C. paraventricular nucleus D. Ant G

ADH & oxytocin are produced from

- A. Somatic nucleus B. posterior pituitary C. paraventricular nucleus D. A+C

4. oxytocin found in male and female

- A. true B. false

5. The most important function of oxytocin?

- A. ejaculate semen urethra
B. uterine contraction
C. let-down reflex
D. all of the above

6. thyroid gland release -

- A. 3 Hormones B. 4 Hormones C. 5 Hormones D. Just one Hormone

7. Damage of anterior pituitary, which hormone is most affected?

- A. ADH B. oxytocin C. A+B D. No effect

8. pituitary tumor producing TSH leads to -

- A. TRH increase, TSH increase, T₄ increase
B. TRH decrease, TSH increase, T₄ increase
C. TRH increase, TSH decrease, T₄ decrease
D. TRH decrease, TSH decrease, T₄ decrease

9. the system (trunk) that connection hypothalamus and Adenohypophysis -

- A. Hypothalamo - neurohypophyseal tract
B. Hypothalamo - Hypophyseal portal system
C. Hypothalamo - paraventricular system
D. Hypothalamo - somatotropic tract

10. A newborn has short stature, delayed bone, teeth, skin, and waste development. TSD is mostly due to deficiency of:

- A) Insuline B) Growth Hormone C) Thyroxine D) Growth E) GH & TH



QUIZ

Time

physiology20

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physiology 20

Lec. 20

1. Which of the following is NOT a function of cortisol?

- A) Metabolic Function
- B) Anti-Stress Function
- C) Anti-Inflammatory Effect
- D) Regulation of Electrolytes
- Answer: D) Regulation of Electrolytes

2. What is the primary role of aldosterone in the body?

- A) Anti-allergic Function
- B) Regulation of Electrolytes
- C) Anti-immunity
- D) Metabolic Function
- Answer: B) Regulation of Electrolytes

3. Which hormone controls the secretion of cortisol, aldosterone, and androgen?

- A) Renin
- B) ACTH
- C) DHEA
- D) Androstenedione
- Answer: B) ACTH

4. Which of the following is a metabolic function of cortisol?

- A) Lipolytic effect
- B) Anti-Inflammatory Effect
- C) Anti-allergic Function
- D) Anti-immunity
- Answer: A) Lipolytic effect

5. What is the effect of aldosterone on potassium levels in the body?

- A) Causes hypokalemia
- B) Causes hyperkalemia
- C) No effect on potassium levels
- D) Causes alkalosis
- Answer: A) Causes hypokalemia

physiology 20

6. Which system is most important clinically for the control of aldosterone?

- A) Renin-Angiotensin System
- B) ACTH
- C) Sodium concentration
- D) Potassium concentration
- Answer: A) Renin-Angiotensin System

7. Which hormone is responsible for the anti-stress function of cortisol?

- A) Renin
- B) ACTH
- C) DHEA
- D) Androstenedione
- Answer: B) ACTH

8. Which of the following is a function of adrenal sex hormones?

- A) Regulation of Electrolytes
- B) Anti-Inflammatory Effect
- C) Anti-allergic Function
- D) Controlled by ACTH
- Answer: D) Controlled by ACTH

9. What happens in stress if cortisol is deficient?

- A) Increased sensitivity to stress
- B) Decreased sensitivity to stress
- C) No effect on stress sensitivity
- D) Increased blood pressure
- Answer: A) Increased sensitivity to stress

10. Which of the following is a function of aldosterone?

- A) Anti-Inflammatory Effect
- B) Anti-allergic Function
- C) Na^+ re-absorption in exchange for K^+ and H^+
- D) Lipolytic effect
- Answer: C) Na^+ re-absorption in exchange for K^+ and H^+



QUIZ

Time

physiology21

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physiology 21

Lec. 21

1. Which of the following is a metabolic function of insulin?

- A) Lipolytic effect
- B) Hypoglycemic effect
- C) Catabolic effect
- D) Diabetogenic effect
- Answer: B) Hypoglycemic effect

2. What is the primary function of glucagon?

- A) Lipogenic effect
- B) Regulation of blood glucose level
- C) Anabolic effect
- D) Anti-allergic function
- Answer: B) Regulation of blood glucose level

3. Which hormone is responsible for the lipogenic and fat sparer function?

- A) Glucagon
- B) Insulin
- C) Cortisol
- D) Growth hormone
- Answer: B) Insulin

4. Which of the following hormones is NOT an anabolic hormone?

- A) Cortisol
- B) Growth hormone
- C) Insulin
- D) Testosterone
- Answer: A) Cortisol

5. What is the effect of excess insulin administration?

- A) Hyperglycemia
- B) Hypoglycemia
- C) Increased blood pressure
- D) Decreased blood pressure
- Answer: B) Hypoglycemia

physiology 21

6. Which hormone has a diabetogenic effect on carbohydrate metabolism?

- A) Insulin
- B) Glucagon
- C) Growth hormone
- D) Cortisol
- Answer: B) Glucagon

7. Which hormone group includes aldosterone?

- A) Glucocorticoid hormones
- B) Gonadotropic hormones
- C) Mineralocorticoid hormones
- D) Lactogenic hormones
- Answer: C) Mineralocorticoid hormones

8. Which hormone is responsible for the hypoglycemic effect?

- A) Glucagon
- B) Cortisol
- C) Insulin
- D) Growth hormone
- Answer: C) Insulin

9. Which hormone is NOT involved in the regulation of blood glucose levels?

- A) Insulin
- B) Glucagon
- C) Cortisol
- D) Thyroxine (T₃/T₄)
- Answer: D) Thyroxine (T₃/T₄)

10. Which hormone is classified as a stress hormone?

- A) Insulin
- B) Epinephrine
- C) Follicle-stimulating hormone (FSH)
- D) Prolactin
- Answer: B) Epinephrine