

# Endocrinology Quiz

## Client Information:

Name:

Date of Birth:

Gender:

Address:

Phone Number:

Email Address:

Date of Examination:

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1. Which gland is often called the "master gland" of the endocrine system?

- a) Thyroid gland
- b) Pituitary gland
- c) Adrenal gland
- d) Pancreas

2. Which hormone is responsible for regulating blood sugar levels?

- a) Insulin
- b) Thyroxine
- c) Cortisol
- d) Estrogen

3. Which disorder is characterized by an overactive thyroid gland?

- a) Hypothyroidism
- b) Hyperthyroidism
- c) Cushing's syndrome
- d) Addison's disease

4. What is the primary function of the hormone oxytocin?

- a) Regulating growth and development
- b) Stimulating milk production

- c) Controlling body temperature
- d) Promoting bonding and childbirth

5. **Which hormone is produced by the adrenal glands in response to stress?**

- a) Growth hormone
- b) Thyroid-stimulating hormone
- c) Epinephrine
- d) Progesterone

6. **What is the main hormone responsible for the regulation of the sleep-wake cycle?**

- a) Melatonin
- b) Estrogen
- c) Testosterone
- d) Human growth hormone

7. **Which condition is caused by an excess of growth hormone in adulthood?**

- a) Gigantism
- b) Acromegaly
- c) Dwarfism
- d) Cushing's syndrome

8. **Which hormone is responsible for calcium regulation in the body?**

- a) Parathyroid hormone
- b) Aldosterone
- c) Insulin
- d) Prolactin

9. **Which gland produces the hormone melatonin?**

- a) Adrenal gland
- b) Pituitary gland
- c) Pineal gland
- d) Thyroid gland

10. **What is the primary function of the hormone progesterone?**

- a) Regulating the menstrual cycle
- b) Stimulating muscle growth
- c) Maintaining blood glucose levels
- d) Controlling blood pressure

11. **Which condition is characterized by insufficient production of cortisol by the adrenal glands?**
- a) Cushing's syndrome
  - b) Addison's disease
  - c) Hypothyroidism
  - d) Hyperthyroidism
12. **Which hormone is responsible for stimulating the production of red blood cells?**
- a) Follicle-stimulating hormone
  - b) Thyroid-stimulating hormone
  - c) Growth hormone
  - d) Erythropoietin
13. **Which gland is responsible for producing insulin and glucagon?**
- a) Pituitary gland
  - b) Thyroid gland
  - c) Pancreas
  - d) Parathyroid gland
14. **What hormone is released during childbirth to stimulate contractions?**
- a) Oxytocin
  - b) Progesterone
  - c) Estrogen
  - d) Testosterone
15. **Which disorder is characterized by the body's inability to produce sufficient insulin?**
- a) Type 1 diabetes
  - b) Type 2 diabetes
  - c) Hypoglycemia
  - d) Hyperthyroidism
16. **Which hormone is responsible for stimulating milk production in breastfeeding mothers?**
- a) Prolactin
  - b) Thyroxine
  - c) Cortisol
  - d) Epinephrine
17. **What hormone is responsible for stimulating the development of male secondary sexual characteristics?**

- a) Estrogen
- b) Testosterone
- c) Progesterone
- d) Thyroxine

18. **Which condition is characterized by an underactive thyroid gland?**

- a) Hyperthyroidism
- b) Cushing's syndrome
- c) Hypothyroidism
- d) Acromegaly

19. **What hormone is released during periods of prolonged stress?**

- a) Insulin
- b) Cortisol
- c) Growth hormone
- d) Estrogen

20. **Which hormone regulates the body's metabolism?**

- a) Thyroxine
- b) Prolactin
- c) Adrenaline
- d) Progesterone

**Score:**