

## Endocrine System Quiz Answer Key PDF

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**What are common symptoms of hypothyroidism? (Select all that apply)**

- A. Weight loss
- B. Fatigue ✓**
- C. Cold intolerance ✓**
- D. Increased appetite

**Which hormones are involved in the body's response to stress? (Select all that apply)**

- A. Cortisol ✓**
- B. Adrenaline ✓**
- C. Insulin
- D. Oxytocin

**Which hormone is produced by the pineal gland?**

- A. Melatonin ✓**
- B. Estrogen
- C. Testosterone
- D. Prolactin

**What is the primary function of the parathyroid hormone (PTH)?**

- A. Regulate metabolism
- B. Control blood sugar
- C. Regulate calcium levels ✓**
- D. Manage stress response

**Which hormones are involved in the regulation of calcium levels in the blood? (Select all that apply)**

**A. Parathyroid hormone (PTH) ✓**

**B. Calcitonin ✓**

C. Insulin

D. Melatonin

**Which gland is often referred to as the "master gland" of the endocrine system?**

A. Thyroid gland

B. Adrenal gland

**C. Pituitary gland ✓**

D. Pancreas

**What hormone is primarily responsible for regulating blood sugar levels?**

A. Thyroxine

**B. Insulin ✓**

C. Cortisol

D. Adrenaline

**Which hormone is crucial for regulating the sleep-wake cycle?**

A. Adrenaline

B. Insulin

**C. Melatonin ✓**

D. Glucagon

**Which of the following is a symptom of hyperthyroidism?**

A. Weight gain

B. Fatigue

**C. Increased heart rate ✓**

D. Cold intolerance

**Which hormone is involved in the body's stress response?**

A. Oxytocin

**B. Cortisol ✓**

- C. Insulin
- D. Thyroxine

**What is the primary role of the hypothalamus in the endocrine system?**

- A. Produce digestive enzymes
- B. Control voluntary movements
- C. Regulate hormone release from the pituitary gland ✓**
- D. Store calcium

**Which glands are part of the endocrine system? (Select all that apply)**

- A. Pituitary gland ✓**
- B. Sweat glands
- C. Thyroid gland ✓**
- D. Salivary glands

**Which of the following are functions of the endocrine system? (Select all that apply)**

- A. Regulating metabolism ✓**
- B. Controlling voluntary muscle movements
- C. Maintaining homeostasis ✓**
- D. Producing digestive enzymes

**Which hormones are produced by the adrenal glands? (Select all that apply)**

- A. Cortisol ✓**
- B. Insulin
- C. Adrenaline ✓**
- D. Thyroxine