

WEEK 5: Endocrine System Disorders Quiz

Student's Name

Institutional Affiliation

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Sample Quiz Questions and Answers

(Note: The correct answers are underlined)

Quiz Questions

1. **Which of the following is a first-line treatment for type 2 diabetes?**
 - A. Metformin
 - B. Insulin
 - C. Glipizide
 - D. Pioglitazone
2. **Which medication is used for the treatment of hypothyroidism?**
 - A. Propylthiouracil
 - B. Levothyroxine
 - C. Methimazole
 - D. Liothyronine
3. **What is the mechanism of action of thiazolidinediones (TZDs) in diabetes management?**
 - A. Increase insulin secretion from the pancreas
 - B. Decrease hepatic glucose production
 - C. Increase insulin sensitivity in peripheral tissues
 - D. Delay gastric emptying
4. **Which of the following medications is an SGLT2 inhibitor used in diabetes management?**
 - A. Sitagliptin
 - B. Canagliflozin

- C. Exenatide
 - D. Acarbose
5. **For which condition is desmopressin commonly prescribed?**
- A. Addison's disease
 - B. Diabetes insipidus
 - C. Cushing's syndrome
 - D. Hyperthyroidism
6. **Which drug is commonly used to manage hyperthyroidism?**
- A. Levothyroxine
 - B. Methimazole
 - C. Prednisone
 - D. Fludrocortisone
7. **Which of the following drugs is an incretin mimetic used in type 2 diabetes management?**
- A. Metformin
 - B. Liraglutide
 - C. Glimepiride
 - D. Sitagliptin
8. **What is a common side effect of corticosteroid therapy?**
- A. Hypoglycemia
 - B. Weight loss
 - C. Osteoporosis
 - D. Bradycardia

9. **Which medication is used to treat Addison's disease?**

- A. Hydrocortisone
- B. Levothyroxine
- C. Methimazole
- D. Propylthiouracil

10. **Which class of medications is used to lower blood glucose by inhibiting the reabsorption of glucose in the kidneys?**

- A. DPP-4 inhibitors
- B. SGLT2 inhibitors
- C. Sulfonylureas
- D. GLP-1 agonists