Unit 4 - REGULATORY SYSTEMS
Endocrine System Test Bank

Objective 4.10 - Describe the basic functions of the endocrine system.

1. Endocrine glands secrete hormones into:
   a. Body cavities
   b. Ducts
   c. Bloodstream
   d. Respiratory tract

2. Which of the following is NOT a function of the endocrine system?
   a. Regulate growth
   b. Thermoregulation
   c. Regulates development
   d. Regulates maturation

Objective 4.11 – Identify the locations, secretions and functions of selected endocrine glands.

3. What is the master gland of the endocrine system?
   a. Parathyroid
   b. Pineal
   c. Pituitary
   d. Thymus

4. What endocrine gland is located superior to the kidneys?
   a. Thyroid
   b. Thymus
   c. Pituitary
   d. Adrenal

5. What hormone is associated with fight or flight?
   a. Adrenaline
   b. Insulin
   c. Estrogen
   d. Testosterone

6. The major effect of insulin is to:
   a. Decrease blood sugar
   b. Act on fats
   c. Increase blood sugar
   d. Influence protein metabolism
7. Which of the following is NOT a hormone secreted from the pituitary gland?
   a. Growth hormone
   b. Adrenocorticotropic hormone
   c. Thyroxine
   d. Thyroid-Stimulating hormone

8. Which of the following hormones stimulates uterine contractions during childbirth and helps release milk from the milk ducts of nursing mothers.
   a. Thyroxine
   b. Cortisol
   c. Glucagon
   d. Oxytocin

9. What is the bow-tie shaped gland located in the neck just below the voice box?
   a. Pancreas
   b. Adrenal glands
   c. Thyroid gland
   d. Pituitary gland

10. Which hormone raises blood glucose levels?
    a. Insulin
    b. Glucagon
    c. Cortisol
    d. Thyroxine

11. Which hormone is known as the “stress hormone”?
    a. Adrenaline
    b. Noradrenalin
    c. Cortisol
    d. Oxytocin

12. Which of the following is NOT a symptom of the sympathetic response?
    a. Increased heart rate
    b. Increased blood flow to the muscles
    c. Decrease in blood pressure
    d. Sweaty hands and palms

Objective 4.12 – Describe diseases and disorders of the endocrine system.

13. What are the symptoms of diabetes mellitus?
    a. Excessive thirst
    b. Excessive urination
    c. Excessive hunger
    d. All of the above
14. What is a treatment of type II diabetes mellitus?
   a. Injection of insulin
   b. Exercise
   c. Replacement of deficient thyroid hormone
   d. Radiation

15. A disease that is first diagnosed during pregnancy.
   a. Diabetes mellitus
   b. Hyperthyroidism
   c. Gestational diabetes mellitus
   d. Hyperthyroidism

16. Causes of this disease include non-cancerous growths in the pituitary gland.
   a. Hyperthyroidism
   b. Hyperthyroidism
   c. Diabetes mellitus
   d. Gestational diabetes mellitus

Objective 4.13 – Careers associated with the endocrine system.

17. This professional research disease in order to improve health.
   a. Health educator
   b. Medical researcher
   c. Clinical trials research coordinator
   d. Licensed practical nurse

18. Which of the following professionals are NOT associated with the endocrine system?
   a. Registered Nurse
   b. Orthopedic Surgeon
   c. Certified Nurse Assistant
   d. Clinical trials research coordinator

19. The main objective for this career related to the endocrine system is to prevent disease and promote healthy lifestyles through knowledge and behavior change.
   a. Certified nurse assistant
   b. Clinical trials research coordinator
   c. Health educator
   d. Medical researcher

20. These professionals prepare and give injections and enemas, monitor catheters, and apply dressings.
   a. Licensed practical nurse
   b. Health educator
   c. Clinical trials research coordinator
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