Unit 26—Medications Used in Treatment of Endocrine Disorders

Part I—Matching

Directions. Using the answer sheet, place the letter of your choice in the appropriate space:

1. antidiuretic hormone
2. glucophage
3. rapid-acting insulin
4. premixed insulin
5. long-acting insulin
6. sulfonylureas
7. Diabinese
8. Proglycem
9. Avandia
10. Actos

Part II—Completion

11. List three actions of insulin.
   a) 
   b) 
   c) 

12. List five possible causes for an improperly functioning pituitary gland.
   a) 
   b) 
   c) 
   d) 
   e) 

13. __________ inhibit the synthesis of thyroid hormones by decreasing iodine use in the manufacturing of thyroglobulin and iodothyronine.
Part III—Multiple Choice

Directions. Select the best answer to each multiple-choice question, and write the appropriate letter on the answer sheet:

14. Diabetes insipidus occurs with the underproduction or absence of the hormone ____________.
   a) thyroxine  
   b) vasopressin  
   c) parathormone  
   d) adrenocorticotropic

15. Parathormone increases the levels of ____________ and ____________ in the body.
   a) sodium, chloride  
   b) calcium, phosphorus  
   c) magnesium, phosphorus  
   d) calcium, sodium

16. Novolin 70/30 insulin’s onset of action is ____________ hour(s).
   a) 1 to 1.5  
   b) 2 to 2.5  
   c) 4 to 8  
   d) 30 minutes

17. The duration of action of Novolog is ____________.
   a) 1 to 3 hours  
   b) 3 to 5 hours  
   c) 2 to 4 hours  
   d) 2 to 5 hours

18. All of the following are rapid acting insulins, except ____________.
   a) Lantus  
   b) Humalog  
   c) Novolog  
   d) Apidra

19. The symptoms of hypoglycemia include ____________.
   a) tremors  
   b) sweating  
   c) hot and dry skin  
   d) a and b
20. The symptoms of hyperglycemia include ____________.
   a) hot and dry skin
   b) fruity breath odor
   c) rapid and weak pulse
   d) all of these

21. Two hormones stored and secreted by the thyroid gland are ____________.
   a) thyroxine and vasopressin
   b) thyroxine and triiodothyronine
   c) triiodothyronine and vasopressin
   d) parathormone and vasopressin

22. The usual oral adult dosage of methimazole (Tapazole) is ____________.
   a) 300 mg/day
   b) 50 to 100 mcg/day
   c) 15 to 30 mg daily
   d) 15 to 60 mg in divided doses every 6 hours, then 5 to 15 mg daily

23. The adrenal medulla synthesizes, stores, and secretes ____________.
   a) dopamine, epinephrine, and norepinephrine
   b) glucocorticoids, mineralocorticoids, and androgens
   c) parathormone
   d) thyroxine

24. ______________ ______________ is a complex disorder of carbohydrate metabolism.
   a) Diabetes insipidus
   b) Diabetes mellitus
   c) Grave’s disease
   d) Addison’s disease

25. The usual dosage of chlorpropamide (Diabinese) is ____________.
   a) 250 mg to 1.5 g daily
   b) 100 to 1000 mg/day
   c) 100 to 500 mg once daily
   d) 1 to 2 g/day