

**TH 4120 Therapeutics II**  
**Quiz #3**  
**February 19, 2004**

Name \_\_\_\_\_

1. Which of the following is a secondary cause of hypothyroidism?
  - a. Iodine deficiency
  - b. Thyroid hypoplasia
  - c. Hypothalamic disease**
  - d. Hashimoto's disease
  - e. Enzyme deficiency
  
2. According to DSM-IV criteria for ADHD, how long do symptoms of inattention have to persist for a patient to be diagnosed with ADHD?
  - b. 2 weeks
  - c. 4 months
  - d. 6 weeks
  - e. 6 months**
  
3. What is the recommended starting dose of thyroid hormone replacement for a 27 year old female without significant medical problems?
  - a. Levothyroxine 25 $\mu$ g QD
  - b. Liothyronine 5  $\mu$ g QD
  - c. Thyroid USP 1 grain QD
  - d. Levothyroxine 50  $\mu$ g QD**
  - e. Levothyroxine 100  $\mu$ g QD
  
4. Which of the following is the preferred medication for treating the symptoms associated with hyperthyroidism?
  - a. Propranolol 20-40mg qid**
  - b. Atenolol 100mg BID
  - c. Diltiazem 120mg po every eight hours
  - d. Clonidine 0.1mg po BID
  - e. Amlodipine 5mg once daily
  
5. Pharmacotherapy for ADHD with stimulant medications improve which of the following?
  - a. Social skills
  - b. Inattentive behavior**
  - c. Academic ability
  - d. Potential for substance abuse
  - e. Reading skills
  
6. One of the most common side effects from methylphenidate therapy includes:
  - a. Constipation
  - b. Psychosis
  - c. Headache**
  - d. Tourette's syndrome
  - e. Tolerance

7. Which of the following treatments for hyperthyroidism is contraindicated in pregnancy?
  - a. Thionamides
  - b. Iodides
  - c. **Radioactive iodine**
  - d. Beta blockers
  - e. Surgery
  
8. What is the most common cause of hypothyroidism?
  - a. Iodine deficiency
  - b. Toxic adenoma
  - c. Amiodarone
  - d. **Hashimoto's disease**
  - e. Lithium
  
9. Which neurotransmitter is considered most likely to be involved in the development of ADHD?
  - a. Glutamate
  - b. Tyramine
  - c. Epinephrine
  - d. **Norepinephrine**
  - e. Acetylcholine
  
10. Which of the following is considered an option for patients with ADHD who smoke and would like to quit?
  - a. Methylphenidate
  - b. Clonidine
  - c. Dextroamphetamine
  - d. **Bupropion**
  - e. Atomoxetine