1. Discuss treatment strategies for ADHD and use of methylphenidate (Ritalin).
2. Define nursing implications when administering methylphenidate (Ritalin).
3. List the common side effects associated with methylphenidate (Ritalin).
4. List potential drug interactions with methylphenidate (Ritalin).
5. State contraindications when considering the use of central nervous system stimulants.
6. Discuss the pathophysiology of Alzheimer’s.
7. Define the action of cholinesterase inhibitors, and describe the role of cholinesterase inhibitors in the treatment of Alzheimer’s.
8. Describe the pathophysiology of Parkinson’s disease.
9. Discuss common manifestations in Parkinson’s disease.
10. Describe the role of anticholinergics when used for Parkinsonism.
11. Describe the action of carbidopa/levodopa (Sinemet), the rationale for drug combination, nursing implications, and common adverse effects.
12. Discuss amantadine (Symmetrel) and how it is utilized in Parkinson’s disease.
13. Describe common characteristics of Myasthenia Gravis.
14. Define treatment options and important considerations with medication administration for Myasthenia Gravis.
15. Describe the cause of Myasthenia crisis; cholinergic crisis, and treatment options for each.
16. Discuss the drug which aids in the diagnosis of Myasthenia Gravis.
17. Describe common characteristics of Multiple Sclerosis; then discuss how it is typically diagnosed.
18. Discuss treatment strategies for Multiple Sclerosis defining the drug utilized with an acute exacerbation of symptoms; then discuss treatment options for chronic progressive multiple sclerosis.
19. Discuss the necessity for immunosuppressant therapy in multiple sclerosis and the potential complication when using any immunosuppressant.
20. Define the action of skeletal (centrally acting) muscle relaxants, purpose for use, and the side effects associated with medications commonly used in treatment.
21. Describe treatment options for acute and chronic seizure patients.
22. Define common side effects of phenobarbital.
23. Discuss important nursing education for clients taking phenytoin (Dilantin).
24. Define side effects for Dilantin therapy.
25. Discuss expectations for medication compliance with Dilantin.
26. Describe alternatives to pharmacologic treatment for insomnia.
27. Discuss common side effects and patient teaching when using sedatives-hypnotics.
28. Discuss the physiologic response to patients receiving general anesthesia; then discuss what is meant by balanced anesthesia.
29. Discuss common side effects with spinal anesthesia and nursing interventions.
30. Describe incidences when local anesthesia is typically utilized and the primary physiologic response.