9.01 - Neuroscience & Behavior Fall 2003

Massachusetts Institute of Technology Instructor: Professor Gerald Schneider

Readings Study Questions (on Nauta Chapters 6-10, for lecture 11)

- 1. How might you distinguish a patient with a frontal lobe lesion from a patient with a temporal lobe lesion?
- 2. Describe the circuitry in the brainstem responsible for controlling eye movements.
- 3. How would the removal of the hypothalamus affect an animal? Why?
- 4. If you met a patient with intact short term memory but impaired long term memory, where might he have a lesion? Why?
- 5. Describe the symptoms of Parkinson's disease and discuss the brain structures involved.
- 6. If a patient loses pain sensation on one side of his face and the other side of his body, where might he have a lesion?