

### **9.01 Study Questions on Lecture Session 7**

1. What is a reciprocal synapse? How was it discovered?
2. Contrast exocytosis and endocytosis at axonal endings.
3. What is intra-axonal transport? How does it work?
4. How are endocytosis and axonal transport used by neuroanatomists to trace axonal pathways and connections? Give an example.
5. Contrast retrograde and anterograde degeneration in the CNS.
6. What are transducer mechanisms? Name three major types present in mammals.
7. What is "endogenous activity" in neurons? Why does it call for modifications of the reflex model in explaining behavior?
8. What is a pacemaker locus?