

9.01 Study Questions

Sessions 31-32 Lecture Questions

1. How is sound conveyed from the air to the auditory nerve?
2. What are the two major types of coding? What are they used for?
3. How is the auditory cortex arranged?
4. There were studies done on rats to noise aversion. What did the study find and what lesion affected the response of the rat?
5. Name two cues that help localize sound.
6. How can you localize sound with one ear? What areas of the brain are used for this localization?
7. What behavior is elicited when an animal hears a sound? Why would this be important?
8. What other system works with the Cross extensor reflex system to keep you standing when you move?
9. How does the vestibular system work? Describe the organ and how it works.
10. What is the postulated mechanism that causes sea sickness?

Sessions 31-32 Reading Questions

Rosenzweig Chapter 9 Hearing, Vestibular Perception, Taste, and

From the Study Guide:

1.3, 2.1, 3.2, 3.4, 3.5, 5.2, 5.3, 8.3, 8.4, 9.1, 10.1, 10.2, 12.5, 13.1, 13.2, 13.4, 14.1, 14.2, 15.1, 15.2, 17.3, 17.1

Important Terminology