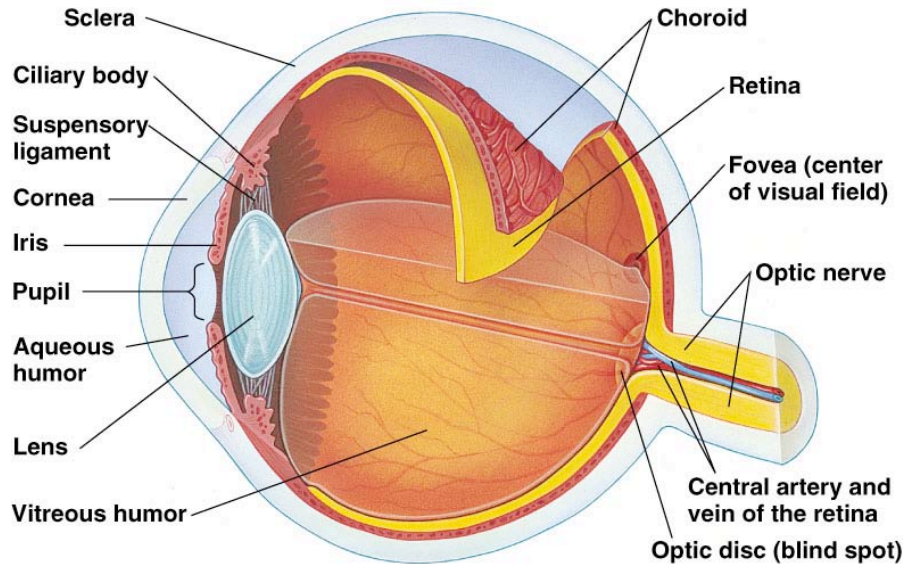
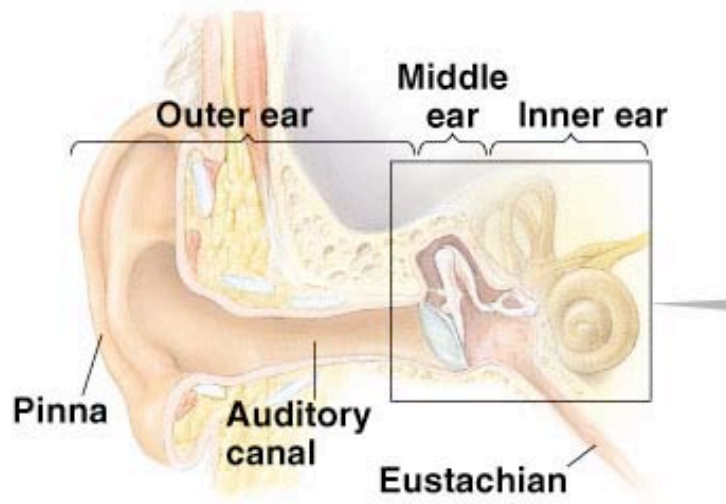


AP: CHAPTER 49: SENSORY AND MOTOR MECHANISMS

1. Using a diagram of the vertebrate eye, identify and give the function of each structure.



2. Using a diagram of the human ear, identify and give the function of each structure.



3. Explain how the mammalian ear functions as a hearing organ.

4. Explain how the mammalian ear functions to maintain body balance and equilibrium.

5. Describe three functions of a skeleton.

6. Distinguish between an exoskeleton and an endoskeleton.

7. Explain how the skeleton combines with an antagonistic muscle arrangement to provide a mechanism for movement.

8. Explain how the nervous system produces graded contractions of whole muscles.

9. Distinguish among skeletal muscle, cardiac muscle, and smooth muscle.

a. _____

b. _____

c. _____

10. Labeling the diagram below, explain how a muscle contraction is controlled.

