



The Senses



Matching

Match each item in Column A with the items in Column B. Write the correct letters in the blanks. (10 points each)

Column A

- B 1. flexible, elastic, transparent structure in the eye that changes its shape to focus light on the retina
- E 2. carries impulses from the inner ear to the brain, resulting in the sensation of sound
- D 3. carries smell impulses from the nose to the brain
- C 4. innermost coating of the back of the eye, containing the light-sensitive receptor cells
- A 5. process of combining the images received from the two eyes into a single image

Column B

- A. binocular fusion
- B. lens
- C. retina
- D. olfactory nerve
- E. auditory nerve

Multiple Choice

Choose the item that best completes each statement or answers each question. Write the letter of that item in the blank to the left of the sentence. (10 points each)

- C 6. Which of the following is NOT a form of electromagnetic radiation?
 - A. radio waves
 - B. X rays
 - C. sound waves
 - D. light
- B 7. _____ of a sound depends on the vibration rate of the medium through which the sound wave is transmitted.
 - A. Tone
 - B. Pitch
 - C. Loudness
 - D. Quality
- A 8. In vision, the _____ responsible for changing light energy into neuronal impulses.
 - A. rods and cones are
 - B. lens is
 - C. pupil is
 - D. occipital lobe is
- A 9. Overstimulation of the _____ can result in dizziness and "motion sickness."
 - A. vestibular system
 - B. kinesthetic system
 - C. olfactory nerve
 - D. occipital lobe
- B 10. Pain results from
 - A. a single stimulus.
 - B. many stimuli.
 - C. competing stimuli.
 - D. all of the above.