# Answers to Questions in the Workbook, Chapter 34, The Sensory System

Activity A FILL IN THE BLANKS

* 1. Sensory receptors are cells or groups of cells associated with a sensory nerve.
  2. The sensory receptors pick up information, called a stimulus, and translate it into a nerve impulse.
  3. The sensory receptors that are responsible for general senses are found throughout the body.
  4. The sensory receptors that are responsible for special senses are located in specific sense organs.

Activity B SHORT ANSWER

**Touch:** Our sense of touch, especially that of pressure, makes us shift position when we have been sitting in one position for a long time, preventing pressure ulcers.

**Position:** Our sense of position provides us with the ability to move our muscles in a smooth, coordinated way.

**Pain:** It is the body’s distress signal.

Activity C MULTIPLE CHOICE

1. a

2. b

3. c

Activity D TRUE OR FALSE

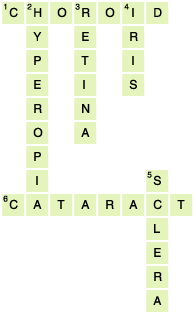
1. T

2. F. As a result of aging, the senses of taste and smell become LESS intense, leading to an overall DECREASE in appetite.

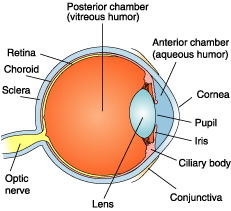
3. T

4. F. There are MANY dangers associated with a diminished ability to taste or smell, as we rely A LOT on these senses to keep us safe.

Activity E CROSSWORD



Activity F LABEL THE FIGURE



Activity G CHOOSE THE RIGHT ANSWER

1. X

2.

3. X

4. X



Activity H MATCHING

1. b

2. a

3. e

4. c

5. d

Activity I SHORT ANSWER

Guidelines to keep in mind when assisting a person who is blind include the following:

* Speak in a normal tone of voice.
* Talk to the person in descriptive terms about the things you see.
* Ask the person about the extent of their blindness to better determine the type of help the person will require.
* When entering the person’s room, knock and tell the person who you are and why you are there. Similarly, when you leave, tell the person that you are leaving.
* Explain procedures completely and descriptively.
* Do not rearrange the furniture in the person’s room, unless the person asks you to.
* Leave the door either completely open or completely closed.
* When walking, let the person walk beside and slightly behind you, resting a hand on your elbow. Walk at a normal pace. Also, let the person know when you are approaching a curb or step.

Activity J FILL IN THE BLANKS

1. Clean eyeglasseswith a cloth and a special solution made specifically for that purpose, or with warm water.

2. A contact lens is made of molded plastic and fits directly on the eyeball.

3. The types of cleaning and soaking solutions that are used with contact lenses vary according to the type of lens.

4. A person who has had an eye removed may choose to wear a prosthetic eye, which is made of ceramic or plastic and is usually designed to be very close in appearance to the person’s own eye.

Activity K REARRANGE IN THE RIGHT ORDER

3

5

1

2

4

6

7

8

Activity L TRUE OR FALSE

1. T

2. F. LIKE other organs, the ear IS prone to age-related changes.

3. T

4. F. When speaking with an older person with presbycusis, it is helpful to speak SLOWLY using a LOWER tone of voice.

Activity M MULTIPLE CHOICE

1. b. It is an infection of the middle ear that is common in young children.

2. b. It is a disease of the inner ear, causing episodes of vertigo and tinnitus.

3. c. It occurs when the receptors are unable to receive stimuli or transmit nerve impulses.

Activity N IDENTIFY AND DESCRIBE

1. Speak facing the person

2. X Picture book

3. X Sign language

4. X Writing to communicate

Activity O TRUE OR FALSE

1. F. SOME people with hearing loss can benefit from a hearing aid.

2. T

3. F. Hearing aids must be removed and cleaned DAILY.

Activity P JUMBLED WORDS

1. BRAILLE

2. CATARACT

3. OTOSCLEROSIS

4. TACTILE

5. VERTIGO