

# The Special Senses: The Eyes and Ears

## LEARNING EXERCISES

Grade \_\_\_\_\_ Name \_\_\_\_\_

### WHICH WORD?

Select the correct answer and write it on the line provided.

11.31. The turning outward of an eyelid is called \_\_\_\_\_.

ectropion

entropion

11.32. The term meaning bleeding from the ears is \_\_\_\_\_.

otorrhagia

otorrhea

11.33. The surgical placement of a ventilating tube through the eardrum to drain fluid is a

\_\_\_\_\_.

myringotomy

tympanostomy

11.34. A visual field test to determine losses in peripheral vision is used to diagnose

\_\_\_\_\_.

cataracts

glaucoma

11.35. A hearing test that involves both ears is \_\_\_\_\_.

binaural

binocular

# DEFINITIONS

Select the correct answer and write it on the line provided.

11.16. The structure that maintains the shape of the eye and protects the delicate inner tissues is the \_\_\_\_\_.

choroid

conjunctiva

cornea

sclera

11.17. The structure that is a spiral-shaped passage leading from the oval window of the inner ear is the \_\_\_\_\_.

cochlea

eustachian tube

organ of Corti

semicircular canal

11.18. The structure also known as the blind spot is the \_\_\_\_\_.

fovea centralis

macula lutea

optic disk

optic nerve

11.19. The structure that lies between the outer ear and the middle ear is the \_\_\_\_\_.

mastoid process

oval window

pinna

tympanic  
membrane

11.20. The structure that separates the middle ear from the inner ear is the \_\_\_\_\_.

eustachian tube

inner canthus

oval window

tympanic  
membrane

11.21. The auditory ossicle, which is also known as the anvil, is the \_\_\_\_\_.

incus

labyrinth

malleus

stapes

11.22. The term meaning lessening of the accommodation of the lens that occurs normally with aging is \_\_\_\_\_.

ametropia

amblyopia

presbyopia

presbycusis

11.23. The term that describes reattachment of a detached retina by using a laser is \_\_\_\_\_.

keratoplasty

laser trabeculoplasty

photorefractive keratectomy

retinopexy

11.24. The term meaning turning inward of the edge of the eyelid is \_\_\_\_\_.

ectropion

emmetropia

entropion

esotropia

11.25. The condition of \_\_\_\_\_ otitis media involves a buildup of pus in the middle ear.

acute

effusive

purulent

serous

## TERM SELECTION

Select the correct answer and write it on the line provided.

11.46. The condition known as \_\_\_\_\_ may be treated by radial keratotomy.

astigmatism

cataracts

hyperopia

myopia

11.47. The term that describes a condition in which the pupils are unequal in size is \_\_\_\_\_.

anisocoria

choked disk

macular degeneration

synechia

11.48. The term that describes the surgical repair of the pinna of the ear is \_\_\_\_\_.

keratoplasty

myringoplasty

otoplasty

tympanoplasty

11.49. The loss of central vision is frequently caused by \_\_\_\_\_.

glaucoma

macular degeneration

presbyopia

uveitis

11.50. The condition also known as a sty is \_\_\_\_\_.

blepharoptosis

chalazion

dacryocystitis

hordeolum

## SENTENCE COMPLETION

Write the correct term on the line provided.

11.51. The ability of the lens to bend light rays to help focus them on the retina is known as \_\_\_\_\_.

11.52. A sense of whirling, dizziness, and the loss of balance is called \_\_\_\_\_.

11.53. A specialist in measuring the accuracy of vision is a/an \_\_\_\_\_.

11.54. The medical term meaning an inflammation of the cornea is \_\_\_\_\_.

11.55. The medical term for color blindness is \_\_\_\_\_.

## TRUE/FALSE

If the statement is true, write **T** on the line. If the statement is false, write **F** on the line.

- 11.56. \_\_\_\_ Dacryocystitis is associated with faulty tear drainage.
- 11.57. \_\_\_\_ A sensorineural hearing loss is also known as nerve deafness.
- 11.58. \_\_\_\_ A tarsorrhaphy is the surgical repair of the eyelids.
- 11.59. \_\_\_\_ Binaural refers to hearing in both ears.
- 11.60. \_\_\_\_ Open-angle glaucoma causes severe pain and a sudden increase in eye pressure.
- 11.61. \_\_\_\_ Rods in the retina are the receptors for color.
- 11.62. \_\_\_\_ Aqueous fluid is drained through the canal of Schlemm.
- 11.63. \_\_\_\_ Scotoma is an area of absent or depressed vision surrounded by an area of normal vision.
- 11.64. \_\_\_\_ Synechia is an adhesion of the cornea to the surrounding structures.
- 11.65. \_\_\_\_ Tympanometry is a diagnostic test to measure hearing.

## CLINICAL CONDITIONS

Write the correct answer on the line provided.

- 11.66. Following a boxing match, Jack Lawson required \_\_\_\_\_ to repair the pinna of his injured ear.
- 11.67. Sheila McClelland suffers from a/an \_\_\_\_\_ hearing loss because the middle ear does not conduct sound vibrations to the inner ear normally.
- 11.68. Edward Cooke was treated for an inflammation of mastoid cells. The medical term for this condition is \_\_\_\_\_.
- 11.69. Margo Wilkins was diagnosed as having deterioration of the macula lutea of the retina. The medical term for this condition is \_\_\_\_\_.

## CLINICAL CONDITIONS

Write the correct answer on the line provided.

11.70. Mr. Eisner suffers from a progressive hearing loss that occurs in old age. The medical term for this condition is \_\_\_\_\_.

11.71. Juan Gutierrez has an earache caused by a buildup of fluid in the middle ear. His doctor referred to this condition as serous \_\_\_\_\_.

11.72. Adrienne Jacobus says she suffers from night blindness. The medical term for this condition is \_\_\_\_\_.

11.73. Maude Colson is troubled by \_\_\_\_\_, which is a ringing sound in her ears.

11.74. Paul Ogelthorpe is color blind. This condition is listed on his chart as \_\_\_\_\_.

11.75. Mrs. Liu's hearing loss was diagnosed as being caused by ankylosis of the bones of the middle ear. The medical term for this condition is \_\_\_\_\_.

## WHICH IS THE CORRECT MEDICAL TERM?

Select the correct answer and write it on the line provided.

11.76. The medical term for the condition also known as choked disk is \_\_\_\_\_.

eustachitis

papilledema

tinnitus

xerophthalmia

11.77. The term describing an adhesion that binds the iris to an adjacent structure is \_\_\_\_\_.

blepharoptosis

convergence

scleritis

synechia

11.78. The medical term that describes the condition commonly known as double vision is \_\_\_\_\_.

ametropia

diplopia

esotropia

hemianopia

11.79. The medical term that describes the condition commonly known as farsightedness is \_\_\_\_\_.

amblyopia

exotropia

hyperopia

myopia

11.80. The term that describes an accumulation of earwax in the auditory canal is \_\_\_\_\_.

conjunctivitis

impacted cerumen

otitis externa

pseudophakia