

**MATCHING WORD PARTS 1**

Write the correct answer in the middle column.

Definition	Correct Answer	Possible Answers
11.1. cornea, hard	_____	opt/o
11.2. eyelid	_____	-metry
11.3. eyes, vision	_____	kerat/o
11.4. hearing	_____	-cusis
11.5. to measure	_____	blephar/o

**MATCHING WORD PARTS 2**

Write the correct answer in the middle column.

Definition	Correct Answer	Possible Answers
11.6. eardrum	_____	presby/o
11.7. eye, vision	_____	-opia
11.8. iris of the eye	_____	ophthalm/o
11.9. old age	_____	myring/o
11.10. vision condition	_____	irid/o

**MATCHING WORD PARTS 3**

Write the correct answer in the middle column.

Definition	Correct Answer	Possible Answers
11.11. ear	_____	tympan/o
11.12. eardrum	_____	trop/o
11.13. hard, white of eye	_____	scler/o

11.14. retina \_\_\_\_\_ **retin/o**

11.15. turn \_\_\_\_\_ **ot/o**

### DEFINITIONS

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

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

choroid                      conjunctiva                      cornea                      sclera

11.17. The \_\_\_\_\_ is the snail-shaped, fluid-filled structure that forms the inner ear.

cochlea                      eustachian tube                      organ of Corti                      semicircular canal

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

fovea centralis                      macula                      optic disk                      optic nerve

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

mastoid cells                      oval window                      pinna                      tympanic membrane

11.20. The \_\_\_\_\_ separates the middle ear from the inner ear.

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. Laser \_\_\_\_\_ is used to repair a detached retina.

keratoplasty                      photocoagulation                      retinopexy                      trabeculoplasty

11.24. The turning inward of the edge of the eyelid is known as \_\_\_\_\_.

ectropion                      emmetropia                      entropion                      esotropia

11.25. Acute \_\_\_\_\_ otitis media is a buildup of pus within the middle ear.  
 effusive                      inflammatory                      purulent                      serous

**MATCHING CONDITIONS**

Write the correct answer in the middle column.

Definition	Correct Answer	Possible Answers
11.26. cross-eyes	_____	strabismus
11.27. double vision	_____	myopia
11.28. farsightedness	_____	hyperopia
11.29. nearsightedness	_____	esotropia
11.30. squint	_____	diplopia

**WHICH WORD?**

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

11.31. A \_\_\_\_\_ is the unit of measurement of a lens' refractive power.  
 decibel                      diopter

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

11.33. A \_\_\_\_\_ is the surgical incision of the eardrum to create an opening for the placement of tympanostomy tubes.  
 myringotomy                      tympanoplasty

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.  
 binaural                      binocular



## SPELLING COUNTS

Find the misspelled word in each sentence. Then write that word, spelled correctly, on the line provided.

11.36. The euctachian tubes lead from the middle ear to the nasal cavity and the throat. \_\_\_\_\_

11.37. Cerunem, also known as earwax, is secreted by glands that line the external auditory canal. \_\_\_\_\_

11.38. Astegmatism is a condition in which the eye does not focus properly because of uneven curvatures of the cornea. \_\_\_\_\_

11.39. A laberinthotomy is a surgical incision between two of the fluid chambers of the labyrinth to allow the pressure to equalize. \_\_\_\_\_

11.40. A Snellan chart is used to measure visual acuity. \_\_\_\_\_

## ABBREVIATION IDENTIFICATION

In the space provided, write the words that each abbreviation stands for.

11.41. **AS** \_\_\_\_\_

11.42. **IOL** \_\_\_\_\_

11.43. **OD** \_\_\_\_\_

11.44. **IOP** \_\_\_\_\_

11.45. **MD** \_\_\_\_\_

## TERM SELECTION

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

11.46. A radial keratotomy is performed to treat \_\_\_\_\_.

cataracts                      hyperopia                      myopia                      strabismus

11.47. The condition in which the pupils are unequal in size is known

as \_\_\_\_\_.

anisocoria                      choked disk                      macular degeneration                      synechia

11.48. A \_\_\_\_\_ is performed in preparation for the placement of a cochlear implant.

keratoplasty                      labyrinthectomy                      mastoidectomy                      myringoplasty

11.49. The condition also known as a sty is \_\_\_\_\_ .  
 blepharoptosis      chalazion      hordeolum      subconjunctival hemorrhage

11.50. The medical term for the condition commonly known as swimmer's ear is \_\_\_\_\_ .  
 otalgia      otitis      otomycosis      otopyorrhea

**SENTENCE COMPLETION**

Write the correct term on the line provided.

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

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

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

11.54. An inflammation of the cornea that can be due to many causes, including bacterial, viral, or fungal infections, is known as \_\_\_\_\_ .

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

**WORD SURGERY**

Divide each term into its component word parts. Write these word parts, in sequence, on the lines provided. When necessary use a slash (/) to indicate a combining vowel. (You may not need all of the lines provided.)

11.56. **Ophthalmoscopy** is the visual examination of the fundus of the eye.  
 \_\_\_\_\_

11.57. **Emmetropia** is the normal relationship between the refractive power of the eye and the shape of the eye that enables light rays to focus correctly on the retina.  
 \_\_\_\_\_

11.58. **Otopyorrhea** is the flow of pus from the ear.  
 \_\_\_\_\_

11.59. **Presbycusis** is a gradual loss of sensorineural hearing that occurs as the body ages.  
 \_\_\_\_\_

11.60. **Xerophthalmia** is drying of eye surfaces, including the conjunctiva, that is often associated with aging.  
 \_\_\_\_\_



**TRUE/FALSE**

If the statement is true, write **True** on the line. If the statement is false, write **False** on the line.

- 11.61. \_\_\_\_\_ Rods in the retina are the receptors for color.
- 11.62. \_\_\_\_\_ Aqueous fluid is drained through the canal of Schlemm.
- 11.63. \_\_\_\_\_ Visual field testing is performed to determine the presence of cataracts.
- 11.64. \_\_\_\_\_ Dacryoadenitis is an inflammation of the lacrimal gland that can be caused by a bacterial, viral, or fungal infection.
- 11.65. \_\_\_\_\_ Tarsorrhaphy is the suturing together of the upper and lower eyelids.

**CLINICAL CONDITIONS**

Write the correct answer on the line provided.

- 11.66. Following a boxing match, Jack Lawson required \_\_\_\_\_ to repair the injured pinna of his ear.
- 11.67. During his scuba diving expedition, Jose Ortega suffered from pressure-related ear discomfort. The medical term for this condition is \_\_\_\_\_.
- 11.68. Margo Spencer was diagnosed with closed-angle glaucoma affecting her left eye. She is scheduled to have a/an \_\_\_\_\_ performed to treat this condition.
- 11.69. Edward Cooke was diagnosed as having \_\_\_\_\_. This condition is characterized by blindness in one-half of the visual field.
- 11.70. While gathering branches after the storm, Vern Passman scratched the cornea of his eye. To diagnose the damage, his ophthalmologist performed \_\_\_\_\_ staining, which caused the corneal abrasions to appear bright green.
- 11.71. Ted Milligan was treated for an allergic reaction to being stung by a wasp. His reaction was swelling around his eyes, and this is known as \_\_\_\_\_ edema.
- 11.72. Adrienne Jacobus is unable to drive at night because she suffers from night blindness. The medical term for this condition is \_\_\_\_\_.

- 11.73. James Escobar complained of a ringing sound in his ears. His physician refers to this condition as \_\_\_\_\_.
- 11.74. Although it is a benign growth, the \_\_\_\_\_ on Ingrid's eye required treatment because it had grown large enough to distort her vision.
- 11.75. Susie Harris was diagnosed as having \_\_\_\_\_. Her mother referred to this condition as pinkeye.

### WHICH IS THE CORRECT MEDICAL TERM?

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

- 11.76. Commonly known as choked disk, \_\_\_\_\_ is swelling and inflammation of the optic nerve at the point of entrance into the eye through the optic disk.
- eustachitis                      papilledema                      tinnitus                      xerophthalmia
- 11.77. An adhesion that binds the iris to an adjacent structure such as the lens or cornea is known as \_\_\_\_\_.
- blepharoptosis                      convergence                      scleritis                      synechia
- 11.78. The term \_\_\_\_\_ describes any error of refraction in which images do not focus properly on the retina.
- ametropia                      diplopia                      esotropia                      hemianopia
- 11.79. A \_\_\_\_\_ is a localized swelling inside the eyelid resulting from obstruction of one of the sebaceous glands.
- chalazion                      hordeolum                      papilledema                      pterygium
- 11.80. The term \_\_\_\_\_ describes an accumulation of earwax in the auditory canal.
- canthus                      impacted cerumen                      otitis externa                      pseudophakia

**CHALLENGE WORD BUILDING**

These terms are *not* found in this chapter; however, they are made up of the following familiar word parts. If you need help in creating the term, refer to your medical dictionary.

blephar/o	-algia
irid/o	-ectomy
lacrim/o	-edema
ophthalm/o	-itis
labyrinth/o	-ology
retin/o	-otomy
	-pathy

- 11.81. Pain felt in the iris is known as \_\_\_\_\_ .
- 11.82. Inflammation of the eyelid is known as \_\_\_\_\_ .
- 11.83. An incision into the iris is a/an \_\_\_\_\_ .
- 11.84. The term \_\_\_\_\_ means any disease of the retina.
- 11.85. The medical specialty concerned with the eye, its diseases, and refractive errors is known as \_\_\_\_\_ .
- 11.86. Swelling of the eyelid is known as \_\_\_\_\_ .
- 11.87. A surgical incision into the lacrimal duct is a/an \_\_\_\_\_ .
- 11.88. The surgical removal of the labyrinth of the inner ear is a/an \_\_\_\_\_ .
- 11.89. The term meaning any disease of the iris is \_\_\_\_\_ .
- 11.90. Inflammation of the retina is known as \_\_\_\_\_ .



**LABELING EXERCISES**

Identify the numbered items on the accompanying figures.

11.91. \_\_\_\_\_

11.92. anterior \_\_\_\_\_

11.93. crystalline \_\_\_\_\_

11.94. \_\_\_\_\_

11.95. \_\_\_\_\_ centralis

11.96. \_\_\_\_\_ or pinna

11.97. external \_\_\_\_\_ canal

11.98. \_\_\_\_\_ membrane

11.99. \_\_\_\_\_ tube

11.100. \_\_\_\_\_

