



Quiz Answer Key

1. Your ears:
 - a. collect and process sounds
 - b. send signals to your brain
 - c. help you keep your balance
 - d. all of the above
2. The eustachian tube connects your middle ear to the upper part of your throat and helps equalize the pressure on both sides of the eardrum.
3. True or false: Earwax contains chemicals that fight off infections inside the ear canal.
4. Listening to music on earbuds too loud over a long period of time can cause:
 - a. auditory processing disorder
 - b. otitis media
 - c. noise-induced hearing loss (NIHL)
5. Congenital hearing loss is present at birth. Acquired hearing loss happens later in life.
6. A ringing, humming, buzzing, roaring, or clicking in the ears is called tinnitus.
7. True or false: Hearing loss is the most common birth defect.
8. Name three things that can cause hearing impairment:
(any three of the following: genes, head injuries, infections or illnesses, loud noises, medications)

9. The snail shell-shaped, fluid-filled cochlea converts the vibrations from the middle ear into nerve impulses.
10. The three smallest bones in the body, located just past the eardrum, are:
 - a. the tibia, the fibula, and the phalange
 - b. the malleus, the incus, and the stapes
 - c. the morpheus, the incubus, and the hades
11. The stapes, in the middle ear, is the smallest bone in the body.
12. The part of the ear that is visible on the side of your head is called the pinna or auricle. It's made of cartilage covered by skin, and its main job is to gather sounds and funnel them to the ear canal.