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 _______.