Human Body Series
Hearing

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. True or false: Earwax contains chemicals that fight off infections (germs) that could hurt the skin inside the ear canal.

3. True or false: People who are exposed to loud noises over long periods of time might lose their hearing permanently.

4. True or false: Listening to loud music using earbuds can damage your hearing.

5. Fill in the blanks using the word bank at the bottom of the page:

   The main job of the outer ear is to collect ______ sound ______. The middle ear takes sound ______ waves ______ and turns them into ______ vibrations ______ that are delivered to the inner ear. When sound reaches the inner ear, the vibrations (sounds) cause tiny ______ hairs ______ on the cells to move, creating ______ nerve ______ signals that the ______ brain ______ understands as sound. The brain puts it all together and that's how you hear and process sounds.

   Word Bank
   
   brain    hairs    nerve    sound    vibrations    waves