Quiz

Instructions: Answer each question.

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 _____________. The middle ear takes sound ________________ and turns them into ________________ that are delivered to the inner ear. When sound reaches the inner ear, the vibrations (sounds) cause tiny ________________ on the cells to move, creating ________________ signals that the ________________ 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