



My Amazing Sense of Hearing Quiz

If you get stuck, all the information you need to answer the questions is in your *My Body Inside and Out! My Amazing Sense of Hearing* book. Enjoy the quiz!

1: How many senses do you have?

- a) Five
- b) Six
- c) Three

2: What are sound waves?

- a) Waves of water that crash noisily on a beach
- b) Vibrations in the air
- c) Noises that are only made by drums

3: Which of these statements is true?

- a) You can see sound waves in the air.
- b) Sound waves can travel one mile (1.6 km) in five seconds.
- c) Sound waves travel very slowly through the air.

4: Which of these statements is false?

- a) Your ears collect sound waves in the air.
- b) Sound waves can only travel in one direction.
- c) Your ears turn sound waves into sounds.

5: Which part of your ear collects sound waves?

- a) The pinna
- b) The hammer and nails
- c) The ear lobe

6: Why do your ears have earwax?

- a) To trap dirt and fight infections
- b) To gross out your friends
- c) To capture sound waves

7: Which parts of your body work together to help you hear sounds?

- a) Your ears, nerve cells, and brain
- b) Your ears, bones, and muscles
- c) Your ears, nerve cells, and blood

8: What is the name of this ear part?



- a) The cochlea
- b) The pinna
- c) The ear canal

9: Which of these statements is true?

- a) Sound waves travel down your ear canal and hit your cochlea.
- b) Sound waves travel down your ear canal and hit your eardrum.
- c) The eardrum is the smallest bone in your body.

10: What are the names of the three tiny bones in your ear?

- a) The malleus, the incus, and the cochlea
- b) The eardrum, the incus, and the stapes
- c) The malleus, the incus, and the stapes

11: Your eardrum passes vibrations onto which bone?

- a) The malleus
- b) The stapes
- c) The incus

12: Which bone in your ear vibrates against the cochlea?

- a) The incus
- b) The stapes
- c) The malleus

13: What is the name of this ear part?



- a) The incus
- b) The eardrum
- c) The cochlea

14: Which of these statements is false?

- a) Vibrations from the stapes make ripples in the liquid inside the cochlea.
- b) The stapes passes messages to your brain.
- c) Hairs inside the cochlea send messages through nerve cells to your brain.

15: What jobs do your ears do?

- a) Help you hear and stop you from getting colds
- b) Help you hear and help you sleep
- c) Help you hear and help you stay balanced

16: Why do you feel dizzy if you spin around?

- a) Because the ground is moving
- b) Because liquid in your ears is moving
- c) Because your ears stop working

1: a 2: b 3: b 4: b 5: a 6: a 7: a 8: c 9: b 10: c 11: a 12: b 13: c 14: b 15: c 16: b

ANSWERS