



## Ears and Hearing (11)

**Overview**

Pop Quiz: Ears and Hearing

**Question 1**

True or false: As we age, high-pitched sounds can become harder for us to hear.

**Conclusion**

That's true! We call this common phenomenon "high frequency hearing loss." If you have it, you may find that you have more trouble hearing women and children's voices clearly.

**Question 2**

Next, these tiny receptors found in the inner ear play a role in balance and coordination.

**Choices**

Vestibular hair cells, cochlear brushes, Warton's stalks, auditory neurons

**Conclusion**

Your vestibular hair cells are important sensory receptors that detect the motion of your head. They help you orient your body and coordinate your movements.

**Question 3**

And finally, what part of the brain processes sound?

**Choices**

Occipital lobe, hypothalamus, corpus callosum, auditory cortex

**Conclusion**

That's the job of the auditory cortex! You have a left and a right auditory cortex. They sort and interpret the sound signals coming from your ears. Did you get it?

Answers: 1. True, 2. Vestibular hair cells, 3. Auditory cortex

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