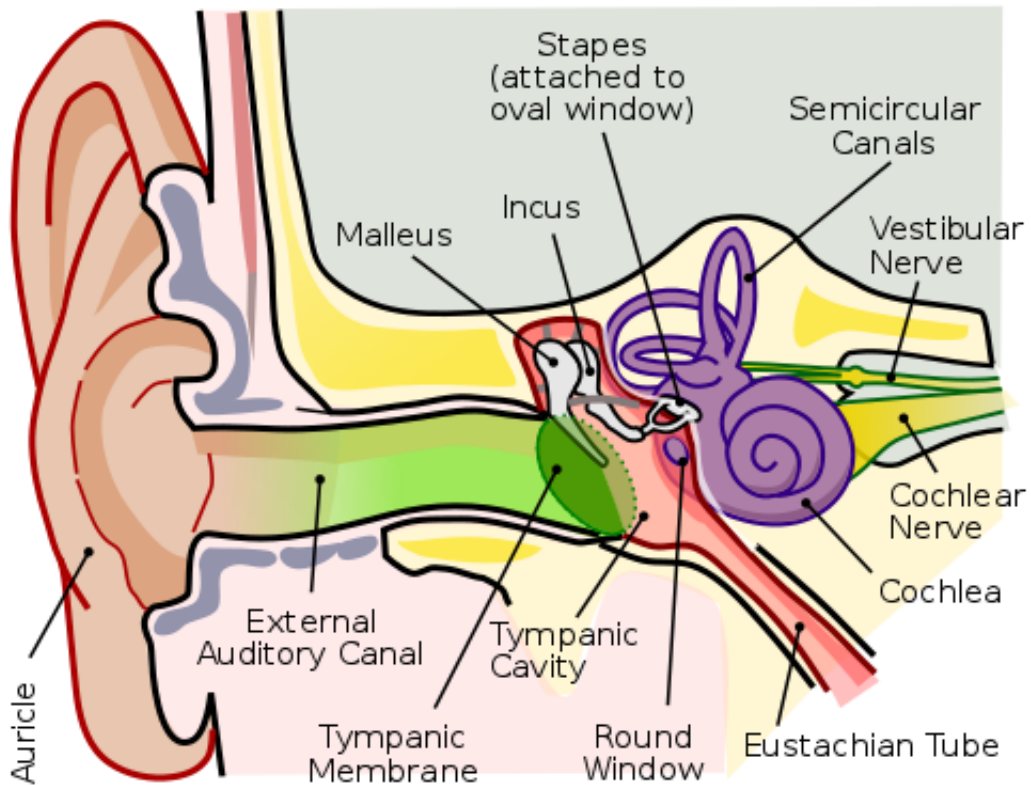


Auditory system Quiz: questions and answers



1. The auditory system is the sensory system for the sense of:

- Taste
- Hearing
- Sight

2. What is the first region of the cerebral cortex to receive auditory input?

- Associative cortex
- Olfactory cortex
- Primary auditory cortex

3. What does SOC stand for?

- Secondary olivary complex
- Superior olivary complex
- Symmetric olivary complex

4. Where is the lateral nucleus of the trapezoid body (LNTB) located?

- Directly dorsal to the medial nucleus of the trapezoid body (MNTB)
- Ventral to the lateral superior olive (LSO)
- Laterally to the medial nucleus of the trapezoid body (MNTB), and ventral to the medial superior olive (MSO)

5. What are hair cells?

- A type of mineralized connective tissue and a major component of the skeletal system
- One of two parts of the vestibulocochlear nerve

Sensory receptors of both the auditory system and the vestibular system in the ears of all vertebrates

6. How many subdivisions does the inferior colliculus have?

- 4
- 3
- 2

7. Body worn aids were the first portable electronic hearing aids and were invented by:

- Harvey Fletcher
- Frank B. Jewet
- Marcus Weldon

8. What are the symptoms of Ménière's disease?

- Feeling like the world is spinning, ringing in the ears, hearing loss, fullness in the ear
- Discharge from the ear canal, often tinged with blood
- Ear pain, fever, hearing loss

9. What is the hearing of sound when no external sound is presently called?

- KID syndrome
- Nonsyndromic deafness
- Tinnitus

10. What is the lateral lemniscus?

- A collection of brainstem nuclei that functions in multiple aspects of hearing and is an important component of the ascending and descending auditory pathways of the auditory system
- A portion of the ear internal to the eardrum, and external to the oval window of the inner ear
- A tract of axons in the brainstem that carries information about sound from the cochlear nucleus to various brainstem nuclei and ultimately the contralateral inferior colliculus of the midbrain

Auditory system Quiz: questions and answers

Right answers

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Hearing
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Superior olivary complex
4. Where is the lateral nucleus of the trapezoid body (LNTB) located?
Ventral to the lateral superior olive (LSO)
5. What are hair cells?
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6. How many subdivisions does the inferior colliculus have?
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