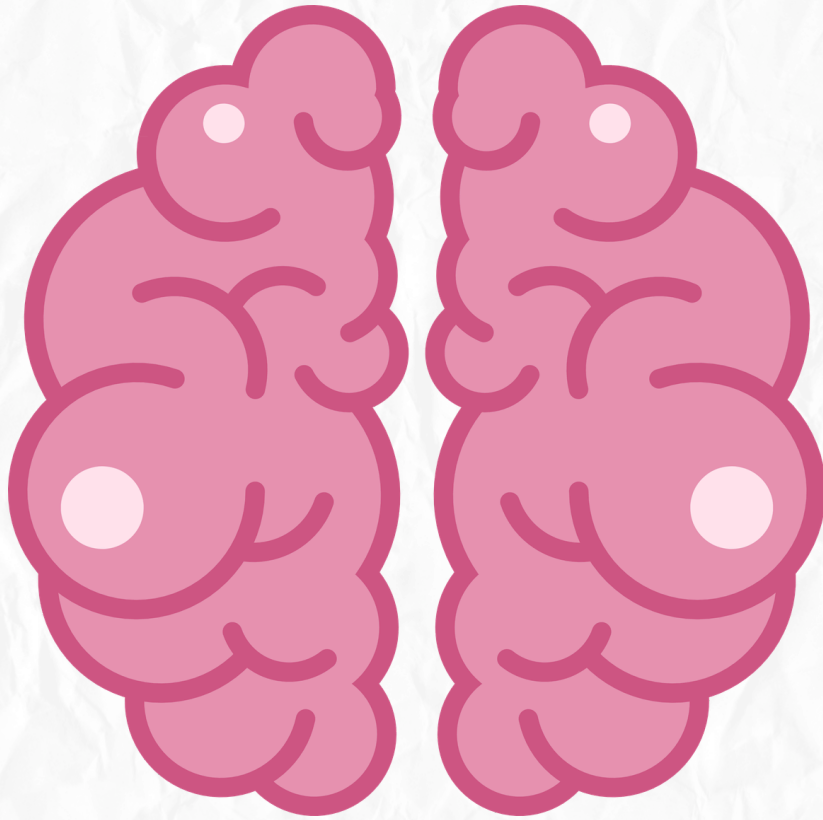


Neuroanatomy

Quiz time



Lec 12



****1. Which part of the external auditory meatus is formed by elastic cartilage? ****

- A) The inner two thirds
- B) The entire length
- C) The outer third
- D) The middle section

**** Answer: C) The outer third ****

****2. What structure forms the "Roof" (superior wall) of the middle ear cavity? ****

- A) Fundus tympani
- B) Tegmen tympani
- C) Tympanic membrane
- D) Mastoid antrum

**** Answer: B) Tegmen tympani ****

****3. The 'Pars tensa' of the tympanic membrane consists of how many layers? ****

- A) Two layers
- B) Three layers
- C) One layer
- D) Four layers

**** Answer: B) Three layers ****

****4. Which auditory ossicle is known as the smallest bone in the human body? ****

- A) Malleus
- B) Incus
- C) Stapes
- D) Mastoid

**** Answer: C) Stapes ****

****5. What is the primary function of the Eustachian (auditory) tube? ****

- A) To produce earwax
- B) To protect the inner ear from loud sounds
- C) To equalize pressure on both sides of the tympanic membrane
- D) To house the organ of Corti

**** Answer: C) To equalize pressure on both**

6. Which muscle is innervated by the Facial nerve (VII) and attaches to the stapes? **

- A) Tensor tympani
- B) Stapedius
- C) Masseter
- D) Auricularis

** Answer: B) Stapedius **

**7. The organ of Corti is the neuroepithelium responsible for which pathway? **

- A) Vestibular pathway
- B) Cochlear (auditory) pathway
- C) Facial nerve pathway
- D) Visual pathway

** Answer: B) Cochlear (auditory) pathway **

**8. Where is the primary auditory center (Area 41, 42) located in the brain? **

- A) Postcentral gyrus
- B) Superior temporal gyrus
- C) Occipital lobe
- D) Cerebellum

** Answer: B) Superior temporal gyrus **

**9. The second-order neurons of the vestibular pathway are located in the: **

- A) Spiral ganglion
- B) Vestibular nuclei in the pons
- C) Medial geniculate body
- D) Trapezoid body

** Answer: B) Vestibular nuclei in the pons **

بِكْرَمِكَ، لَا بُجْهَدِي

**10. Which structure separates the outer ear from the middle ear? **

- A) Oval window
- B) Tympanic membrane
- C) Concha
- D) Round window

** Answer: B) Tympanic membrane **



سُبْحَانَكَ اللَّهُمَّ وَبِحَمْدِكَ ، أَشْهَدُ أَنْ لَا
إِلَهَ إِلَّا أَنْتَ ، أَسْتَغْفِرُكَ وَأَتُوبُ إِلَيْكَ.