

**Weekly exams (week 6)**  
**The Organs of Special Senses (Eye and Ear)**

**Choose the correct answer:**

**1- A patient comes in having had repeated colds and infections. Problems in his ear are shown to be due to accumulation of fluid in the middle ear. This is due to a blockage of the:**

- a. Sacculle
- b. Utricle
- c. External ear
- d. Eustachian tube
- e. Endolymphatic sac

**2- Otoliths are normally located in:**

- a. the ampulla of semicircular canal
- b. the utricle
- c. the modiolus
- d. the cochlea
- e. the endolymphatic sac

**3- Variations in eye color are determined by the number of pigmented cells in :**

- a. the ciliary epithelium
- b. the stria vascularis
- c. the iris stroma
- d. the corneal stroma
- e. the corneal epithelium

**4- What type of glands are the glands of Moll?**

- a. an endocrine gland
- b. an apocrine sweat gland
- c. an oil gland
- d. a sebaceous glands
- e. an eccrine sweat gland

**5- Concerning Muller's cells, all are true except:**

- a. They share in the formation of the limiting membranes.
- b. They are nerve cells.
- c. They have long processes.
- d. Their nuclei are present in the inner nuclear layer.
- e. They are very long cells.

**6- Albinos (people lacking melanocytes) are deaf. These cells are as part of:**

- a. the hair cells
- b. the modiolus
- c. the spiral limbus
- d. the stria vascularis
- e. the basilar membrane
- f. the vestibular membrane

**Key Answers:**

**1- d. Eustachian tube**

**2- b. the utricle**

**3- c. the iris stroma**

**4- b. An apocrine sweat gland**

**5- b.They are nerve cells.**

**6- d. the stria vascularis**