

BI 358 Active Learning Questions Lecture 19

1. What does an *ophthalmologist* do? What is a *cataract*? How are *cataracts treated*? Pretending like an *M&M* is a human lens, describe how *phacoemulsification* works to remove a clouded lens together with the follow up performed *to restore vision to normal*.
2. What does *LASIK* stand for? What *eye structure* is LASIK designed to reshape? Briefly describe the *steps* involved. How does LASIK *restore vision to normal*?
3. What is *glaucoma*? What are some *dangers* of glaucoma? What is *optic nerve cupping*? List 2 *ways* in which glaucoma might be *treated*. Briefly described the *surgical steps* used to *return the eye to normal*.
4. Why is Dr. Sims opposed to long-term or *extended wear contacts*? *Why is it best not to sleep* with contact lens in place? How are contact lens *classified*?
5. Describe what a *hyphema* involves. List potential *causes* of a *hyphema*. How are hyphemas treated? What might prevent hyphemas?