## BI 358 Active Learning Questions Lecture 18

1.	degenerative diseases in adults? What about consuming plant-foods rich in vitamins C, E selenium and $\beta$ -carotene, whole grains and oysters containing zinc, and fish high in $\Omega$ fatty acids? What about daily meat eaters and development of cataracts? Can vision impact reading in children? Explain briefly.
2.	Draw a picture of the eye indicating the location of the following with labels: aqueous humor, vitreous humor, pupil, lens, fovea, sclera, choroid and retina. Cataracts alter which eye structure/s? How is vision improved in a patient diagnosed with cataracts?
3.	What is emmetropia? Hyperopia? Myopia? How are hyperopia and myopia corrected? What is astigmatism and how is it corrected? What is glaucoma and how is it treated?
4.	Describe the <i>mechanism of accommodation</i> . What <i>eye structures</i> and <i>muscles</i> are involved? Draw 2 pictures below illustrating your understanding of <i>accommodation</i> .
5.	Compare and contrast rods and cones. Which are most prevalent and where are they most densely located within the eye? Best for night vision? Best for visual acuity? List the major types of color blindness.