

## **Chapter 4: Sensation and Perception**

1. Distinguish between sensation and perception, and give examples of each.
2. Define absolute threshold and difference threshold and explain the difference between the two. Give examples of each from the two major senses.
3. Diagram (and label) the location and explain the function(s) of the following parts of the eye: cornea, lens, iris, pupil, rods, cones, fovea, blind spot, retina.
4. Diagram (and label) the location and explain the function(s) of the following parts of the ear: pinna, tympanic membrane, auditory ossicles, oval window, basilar membrane, cochlea, organ of corti, hair cells, round window.
5. Briefly explain how the sense of hearing works by tracing an incoming stimulus from the time it strikes the tympanic membrane until it is transduced and sent to the temporal lobe.
6. Briefly explain how the sense of sight works by tracing an incoming stimulus from the time it strikes the rods and cones until it is transduced and sent to the occipital lobe.
7. Describe the characteristics of sound. How do these characteristics relate to hearing disorders?
8. Give examples of the following as they relate to the organization of perception: figure-ground, nearness, similarity, closure.
9. Explain three of the factors that contribute to depth perception.
10. Explain and give two examples of how expectancies can influence what we see.