**Sensation and Perception Web Quest**

Go to: <http://users.rcn.com/jkimball.ma.ultranet/BiologyPages/V/Vision.html> - **Use for Question 1**

1.) Define and explain the following parts:

a. iris

b. pupil

c. retina

d. Rods—be specific—scroll down

e. Cones—be specific—scroll down

f. Lens

g. Cornea

Go to: [http://stlukeseye.com/Anatomy](http://stlukeseye.com/Anatomy.asp) Review and **ADD** to the terms you defined above. **Questions 1 and 2**

2.) Why do we always compare the eye to a camera?

Go To: <http://faculty.washington.edu/chudler/chsense.html> and answer the questions/perform the tasks that follow. **Questions 3- 6**

**Click on the eye and scroll down and try out the various blind spot activities.**

3.) Why do humans have blind spots?

**Continue scrolling until you get to the portion titled “Afterimages.” Click on the link, “interactive demonstration of after images.”**

4.) Follow the instructions in this demonstration. What happened?

5.) Why does the “after image” appear?

**Go back to the main vision page. Scroll down to “Context” and follow the instructions.**

6.) How does context affect our outlook?

Go To: <http://psych.hanover.edu/Krantz/sen_tut.html> **Questions 7-8**

7.) What is size constancy?

8.) What is signal detection theory?

Go to: <http://allpsych.com/psychology101/sensation.html> **Questions 9-11**

9.) Define the following concepts:

a. Absolute threshold

b. Difference threshold

c. Just Noticeable Difference

d. Weber’s Law

10.) What is Gestalt?

11.) Explain and give an example of each of the following Gestalt Concepts:

a. Similarity

b. Proximity

c. Continuity

d. Closure

Go To:   <http://www.kidshealth.org/kid/htbw/htbw_main_page.html>   Select the ear from the scrolling list of topics.  Click on articles and select, “the ear.” **Question 12**

12.) How do we hear? Be sure to include the parts of the ear in your description.

Go to: <http://users.rcn.com/jkimball.ma.ultranet/BiologyPages/T/Taste.html> **Questions 13-14**

13.) Discuss some of the properties of the taste system.

14.) Researchers have identified a fifth taste. What is it called and what flavor does it detect?

Go To: <http://www.sciam.com/article.cfm?articleID=000641D5-F855-1C70-84A9809EC588EF21> **Question 15**

15.) What is flavor?