**Sensation & Perception Vocab Review / Do Now**

1. Sensory Adaptation F. Retina K. Amplitude P. Olfaction
2. Sensation G. Optic Nerve L. Frequency Q. Absolute Threshold
3. Perception H. Rods M. Cochlea R. Weber’s Law
4. Cornea I. Cones N. Frequency Theory S. Signal Detection Theory
5. Pupil J. Trichromatic Theory O. Gate-control Theory T. Gestalt Rules
6. \_\_\_\_\_ the process to which our sensory receptors and nervous system receive and represent stimulus energies from our environment
7. \_\_\_\_\_ part of the eye that bends light to provide focus and protects the eye itself
8. \_\_\_\_\_ the light-sensitive inner surface of the eye, containing the receptor rods and cones plus layers of neurons that begin in the processing of visual information
9. \_\_\_\_\_ retinal receptors that detect black, white, and gray
10. \_\_\_\_\_ the theory that the retina contains three different color receptors which, when stimulated in combination, can produce the perception of any color
11. \_\_\_\_\_ the number of complete wavelengths that pass a point in a given time
12. \_\_\_\_\_ in hearing, the theory that the rate of nerve impulses traveling up the auditory nerve matches the frequency of a tone, thus enabling us to sense its pitch.
13. \_\_\_\_\_ sense of the smell
14. \_\_\_\_\_ the principle that, to be perceived as different, two stimuli must differ by a constant minimum percentage
15. \_\_\_\_\_ our tendency to perceive information and process in organized wholes
16. \_\_\_\_\_ a theory predicting how and when we detect the presence of a faint signal amid background stimulation.
17. \_\_\_\_\_ the minimum stimulation needed to detect a particular stimulus 50 percent of the time
18. \_\_\_\_\_ the theory that the spinal cord contains a neurological “gate” that blocks pain signals or allows them to pass on to the brain.
19. \_\_\_\_\_ a coiled, bony, fluid-filled tube in the inner ear to trigger neural impulses
20. \_\_\_\_\_ height of a light or sound wave
21. \_\_\_\_\_ retinal receptors that detect fine detail and give rise to color sensations.
22. \_\_\_\_\_ the nerve that carries neural impulses from the eye to the brain
23. \_\_\_\_\_ the adjustable opening in the center of the eye which light enters
24. \_\_\_\_\_ the process of organizing and interpreting sensory information, enabling us to recognize meaningful objects and events
25. \_\_\_\_\_ diminished sensitivity as a consequence of constant stimulation

**Toss Up**

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ the scientific study of all the mental activities associated with thinking, knowing, remember, and communicating.
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ experimental results caused by expectations alone
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ the most frequently occurring score(s) in the distribution
4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ the neuron extension that passage messages through its branches to other neurons or to muscles or glands
5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ a neural center located in the limbic system; helps process explicit memories for storage

**Answer Key**

1. B
2. D
3. F
4. H
5. J
6. L
7. N
8. P
9. R
10. T
11. S
12. Q
13. O
14. M
15. K
16. I
17. G
18. E
19. C
20. A
21. Cognitive Psychology
22. Placebo Effect
23. Mode
24. Axon
25. Hippocampus