

Sensation and Perception Unit Test Review

Be familiar with the following terms/concepts listed below. The students who are most prepared will review any handouts, notes, and all reading assigned during this unit. The list below is NOT comprehensive – anything covered during the unit is fair game and may not necessarily be listed below.

- **Sensation and Perception** (definitions, how they work together, bottom-up vs. top-down processing, transduction, absolute threshold, difference threshold [Weber's Law], signal detection theory, sensory interaction)
- **The Eye** (pupil, iris, lens, cornea, retina, fovea, blind spot, optic nerve, nearsightedness, farsightedness, rods and cones, trichromatic theory vs. opponent-process theory of vision, Brightness)
- **The Ear** (transduction, middle ear [hammer, anvil, stirrup], cochlea, basilar membrane, place theory vs. frequency theory, conduction deafness vs. sensorineural deafness, Loudness)
- **Other Senses** (four skin senses [pressure, warmth, pain cold], gate control theory of pain, taste sensations [sweet, salty, sour, bitter, umami])
- **Perception** (selective attention, gestalt psychology, figure-ground relationship, depth perception, monocular cues [relative size, linear perspective, relative height, interposition, light and shadow], binocular cues [retinal disparity, convergence], Relative Clarity, Texture Gradient, Closure)
- **Extrasensory Perception** (parapsychology, telepathy, clairvoyance, precognition, psychokinesis)

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