

AP Psychology Ch. 3 Web Quiz

1. As you enter the locker room at the college gym, you notice the sharp, distinctive smell of chlorine from the adjacent swimming pool. The stimulation of special receptors in your nose by airborne molecules of chlorine is an example of _____, and your interpretation of the stimulation is an example of _____.
A) gustation; transduction
B) sensation; perception
C) perception; sensation
D) olfaction; transduction
2. As you enter the locker room at the gym, you notice the distinctive smell of chlorine from the adjacent swimming pool. But after a few minutes you're no longer aware of the odor. This is an example of:
A) the mere exposure effect. B) sensory adaptation. C) accommodation. D) transduction.
3. Cones are concentrated in the _____ and specialized for _____.
A) center of the retina; distance vision and feature detection
B) fovea; color vision and visual acuity
C) fovea; peripheral vision and vision in low-light conditions
D) periphery of the retina; color vision and visual acuity
4. There are two theories of color vision. The _____ theory correctly describes color vision in the retina, while the _____ theory correctly explains color vision in the ganglion cells and visual cortex.
A) frequency; place
B) place; frequency
C) opponent-process; trichromatic
D) trichromatic; opponent-process
5. John was shocked when his doctor informed him that his condition was caused by extensive damage to his hammer, anvil, and stirrup. What condition is John suffering from?
A) disequilibrium or vestibular disability
B) vertigo, dizziness, and poor balance
C) conduction deafness
D) nerve deafness
6. When Isabel visited the children's zoo, she heard squeals coming from the baby pigs and loud grunts from the adult pigs. Her perception of the high-pitched squeals can be explained by the _____ theory of hearing, and her perception of the low-pitched grunts can be explained by the _____ theory of hearing.
A) place; frequency
B) frequency; place
C) opponent process; trichromatic
D) trichromatic; opponent process
7. You can easily distinguish between a tuna fish salad sandwich and a chicken salad sandwich by their smell, because airborne molecules from tuna salad and chicken salad:
A) stimulate two different patterns of odor receptors in the nasal cavity.
B) stimulate different sensory thresholds.
C) each stimulates a different odor receptor in the nasal cavity.
D) generate neural impulses along two different sensory pathways.
8. What are nociceptors?
A) sensory receptors that are found in the cochlea and involved in hearing
B) microfine, hair-like receptor cells that are found in the muscles and joints that provide information about movement and position
C) sensory nerve fibers which are found throughout the body and that are involved in producing the sensation of pain
D) people with a high degree of ESP ability

- Page 2

17. According to Weber's law, the size of _____ is a constant proportion of the size of the initial stimulus.
A) the absolute threshold
B) a just noticeable difference or difference threshold
C) a subliminal threshold
D) a binocular disparity
18. _____ provide more specific information and function best in bright light, while _____ provide less specific information and function best in dim light.
A) Cones; rods B) Rods; cones C) Bipolar cells; ganglion cells D) Ganglion cells; bipolar cells
19. The phenomenon of afterimages can be best explained by which theory?
A) frequency theory B) place theory C) trichromatic theory D) opponent-process theory
20. The sensory receptor cells for hearing are:
A) located in the primary auditory cortex of the brain.
B) embedded in the tiny bones (anvil, hammer, stirrup) in the middle ear.
C) embedded in the basilar membrane in the cochlea of the inner ear.
D) located along the length of the auditory nerve.
21. Which sensory receptors are constantly being replaced?
A) taste buds, proprioceptors, and nociceptors
B) rods, cones, and olfactory receptors
C) olfactory receptors and taste buds
D) taste buds and hair cells in the basilar membrane
22. Which of the following statements is TRUE?
A) There is no evidence to support the existence of pheromones in humans.
B) Psychologists have recently discovered a pheromone that is emitted by breastfeeding women that makes them irresistible to the opposite sex.
C) There is evidence that human pheromones function as social signals, affecting moods and social interactions.
D) A chemical has recently been identified in the perspiration of young males that acts as a powerful sexual stimulus, increasing sexual motivation in women.
23. Which of the following receptors trigger the experience of pain?
A) nociceptors B) proprioceptors C) Pacinian corpuscles D) vestibular receptors
24. While helping his friends move, Ben dropped a box of books on his big toe. The immediate, sharp sensation of pain was carried by _____, while the throbbing pain that lasted for the next few days was transmitted by _____.
A) nociceptors; substance P C) Pacinian corpuscles; nociceptors
B) A-delta fibers; C fibers D) C fibers; A-delta fibers
25. You and your friends are trying to put together a 5,000-piece jigsaw puzzle. Because you are doing this one piece at a time without knowing what the final picture will be you are relying on _____ processing.
A) bottom-up B) top-down C) conceptually driven D) kinesthetic
26. Which of the following would NOT be considered to be an example of a paranormal phenomenon?
A) psychokinesis B) subliminal perception C) precognition D) telepathy

27. When Matt went duck-hunting with his father, they wore camouflage clothing that would allow them to blend in with their surroundings. The effectiveness of camouflage is based upon which Gestalt principle?
A) proximity B) similarity C) the law of Prägnanz D) figure-ground
28. Because of the law of _____, you tend to perceive the following as three groups of letters:
BBBBBBccccTTTTT.
A) proximity B) closure C) good continuation D) similarity
29. Jana had always been fascinated by stories of the Loch Ness monster, so when she went to Scotland she made sure to visit the famous Loch Ness. One rainy morning when she was scanning the lake with high-powered binoculars, she was certain that she saw a huge, long-necked sea monster surface for a few moments. Her companion, however, insisted that she had just seen an uprooted tree being swept by the high waves. Of the following options, which is the most likely explanation for Jana's sighting of the famous Loch Ness monster?
A) telepathy B) subliminal perception C) perceptual set D) clairvoyance
30. To reduce the intense pain of her migraine headaches, Lisette's doctor taught her a procedure that involved learning to control the blood flow and muscle tension in her head and neck. What is the technique called?
A) acupuncture B) counterirritation C) positive self talk D) biofeedback

Answer Key

1. B
2. B
3. B
4. D
5. C
6. A
7. A
8. C
9. C
10. B
11. D
12. D
13. D
14. C
15. B
16. D
17. B
18. A
19. D
20. C
21. C
22. C
23. A
24. B
25. A
26. B
27. D
28. D
29. C
30. D

