2020 – 2021 Sensation Perception and Review Test Study

Perception Items

1. Prosopagnosia
2. Perceptual Set
3. Context Effects
4. Emotion and motivation affect perception
5. ESP – Parapsychology (Telepathy, Clairvoyance, Precognition)
6. Feature Detectors
7. Organization for specific visual tasks
8. Parallel Processing
9. Gestalt tendency in the brain
10. Necker Cube
11. Discrimination of Stimuli
12. Figure/Ground
13. Grouping
14. Depth Perception
15. Visual Cliff Experiment
16. Binocular Cues
17. Retinal Disparity
18. 3-D Movies
19. Carnivores and Herbivores and depth perception
20. Monocular Cues
21. Aspects of Depth see Fig 19.5 pg. 186
    a. Relative Height
    b. Relative Motion
    c. Relative Size
    d. Linear Perspective
    e. Light and Shadow
    f. Interposition
22. Perceptual Constancy
23. Moon Illusion
24. Ames Room
25. Visual Interpretation

Sensation Items

1. Bottom up Processing
2. Top down Processing
3. Selective Attention
4. In Attentional Blindness
5. Transduction

6. Absolute Thresholds
7. Subliminal
8. JND
9. Weber's Law
10. Sensory Adaptation
11. Wavelength
12. The Eye
    a. Cornea
    b. Pupil
    c. Iris
    d. Lens
    e. Retina
13. Accommodation
14. Rods
15. Cones
16. Optic Nerve
17. Blind Spot
18. Fovea
19. Adaptation/Habituation
20. Parallel Processing
21. Color Vision
22. Trichromatic Theory
23. Opponent Process Theory

Review Bio Psych

24. Multiple sclerosis
25. Action Potential
26. Neural Transmission (gates, ions, charges, excitatory, threshold)
27. Neuron communication
28. Reuptake
29. List of neurotransmitters
30. Acetylcholine (ACH)
31. Synapse
32. Endorphins
33. How do drugs alter neurotransmission?
34. Agonist/Antagonists
35. Three types of neurons
36. Peripheral Nervous System (Somatic, Autonomic, Sympathetic, Parasympathetic)
37. Neural networks

38. Reflex Arc
39. Endocrine System
40. Adrenal Gland
41. Pituitary Gland
42. EEG, Pet Scan, MRI, fMRI
43. Brain Stem
44. Medulla
45. Thalamus
46. Reticular Formation
47. Cerebellum
48. Cerebral Hemispheres
49. Limbic System
50. Amygdala
51. Hippocampus
52. Hypothalamus
53. Cerebral Cortex
54. 4 Lobes of the Brain
    a. Frontal
    b. Parietal
    c. Occipital
    d. Temporal
55. Motor Cortex
56. Somatosensory Cortex
57. Association Areas
58. Prefrontal Cortex
59. Broca's Area
60. Wernicke's Area
61. Brain Plasticity
62. Brain Lateralization
63. Corpus Callosum
64. Heritability

History/Approaches

65. Empiricism
66. Wilhelm Wundt

67. Introspection
68. Tichner
69. Structuralism

70. William James
71. Functionalism
72. Behavioral Approach
73. John B. Watson
74. BF Skinner
75. Humanistic Approach
76. Cognitive Approach
77. Cognitive Neuroscience
78. Nature-Nurture Debate
79. Biological Approach
80. Evolutionary Approach
81. Psychodynamic Approach
82. Social-Cultural Approach

Research Methods

83. Scientific Method
84. Hypothesis
85. Operational Definition
86. Replication
87. Reliability
88. Descriptive Methods
89. Correlational Methods
90. Experimental Methods
91. Case studies (what are problems with case studies?)
92. Naturalistic Observation
93. Surveys
94. Observer Effect
95. Random Sampling
96. Representative Sample
97. Population
98. Correlation
99. Correlation Coefficient
100. Scatter Plot
101. Perfect Positive
102. Negative Correlation
103. What is the issue with Correlation and Causation?
104. Illusory Correlation
105. What is the purpose of Experimentation?
106. Experiment Group
107. Control Group
108. single Blind
109. Double Blind
110. Placebo
111. Psycho-Somatic

112. Confounding Variables
113. Independent Variable
114. Dependent Variable
115. Validity
116. Descriptive Statistics
117. Histogram
118. Central Tendency
119. Mode
120. Mean
121. Median
122. Range
123. Measures of Variation
124. Standard Deviation
125. Inferential Statistics
126. Statistical Significance
127. Observation Bias
128. Confirmation Bias