

Sensation and Perception
Chapter 5
(60 points possible)

Define the following terms in your own words. Illustrate each with an example. (2 points each)

1. Sensation
2. Perception
3. Bottom-up processing
4. Top-down processing
5. Psychophysics
6. Gestalt psychology
7. Depth perception
8. Binocular cues

Discuss and explain how each of the following influence how we perceive or sense the world. (2 points each)

9. Subliminal perception
10. Attention
11. Selective attention
12. Perceptual set
13. Sensory adaptation

14. Discuss the sensory reception process. Include three types of sensory reception. (3 points)

15. Distinguish between absolute threshold and difference threshold. (2 points)

16. Read pages 187 – 196 (*Visual Stimulus and the Eye through Color Vision*) Choose either note taking strategy from the handout – “Using Subheadings” or “Cornell Notes” method to outline these sections. (15 points)

17. Discuss how each of the following gestalt principles help us perceive. (3 points)

- a. Closure
- b. Proximity
- c. Similarity

18. Discuss how each of the following cues help us perceive three-dimensional quality projected on flat surfaces. (7 points)

- a. Familiar size
- b. Height in the field of view
- c. Linear perspective
- d. Overlap
- e. Shading
- f. Texture gradient

19. Discuss how each of the following enables us to transform images into three dimensional objects and scenes. (4 points)

- a. Perceptual constancy
- b. Size
- c. Shape
- d. Brightness