

Perception Homework Questions

Depth Cues

- 1) Explain what is meant by sensation. (2)
- 2) Give an example of a person receiving sensation through touch. (1)
- 3) Explain what is meant by perception. (2)
- 4) Using an example, explain the difference between 'perception' and 'sensation'. (4)
- 5) Explain the difference between monocular and binocular depth cues. (3)
- 6) Explain, with an example, what is meant by occlusion. (2)
- 7) Explain, with an example, what is meant by relative size. (2)
- 8) Explain, with an example, what is meant by height in plane. (2)
- 9) Explain, with an example, what is meant by linear perspective. (2)
- 10) Explain, with an example, what is meant by convergence. (2)
- 11) Explain, with an example, what is meant by retinal disparity. (2)
- 12) Look around you. Look at something that is far away. Using depth cues, explain how you know that it is far away. (4)

Gibson's Direct Theory of Perception

- 1) Explain what is meant by motion parallax. (2)
- 2) Explain what is meant by gradient of texture. (2)
- 3) Explain what is meant by gradient of colour. (2)
- 4) Outline Gibson's Direct Theory of Perception. (4)
- 5) Explain what Gibson meant by the term 'affordance'. (2)
- 6) Why is Gibson's theory called the 'ecological' theory? (2)
- 7) Evaluate Gibson's Direct Theory of Perception. (4)

Illusions

- 1) Explain what is meant by a visual illusion. (2)
- 2) Identify and explain 4 different explanations for visual illusions. (2 each)
- 3) Explain what causes the following illusions: (2 each)
 - a. Necker Cube
 - b. Ponzo illusion
 - c. Muller-Lyer illusion
 - d. Rubin's Vase
 - e. Kanizsa Triangle

Gregory's Constructivist Theory of Perception

- 1) Explain Gregory's constructivist theory of perception. (4)
 - a. What influences perception?
 - b. What is this process called?
 - c. Why is everyone's perception different?
 - d. Give an example.
- 2) Evaluate Gregory's constructivist theory of perception. (5)
 - a. What evidence supports his ideas?
 - b. What evidence proves his ideas wrong?

Factors that affect perception

- 1) Identify four factors that affect perception. (4)
- 2) Give an example of how culture affects perception and explain why this happens. (2)
- 3) Explain what is meant by motivation with an example. (2)
- 4) Outline and evaluate one study into the effects of motivation on perception. Refer to the method, results and conclusion of the study. (6)
- 5) Outline and evaluate one study into the effects of expectation on perception. Refer to the method, results and conclusion of the study. (6)