

EXAM 3 – STUDY GUIDE

The exam will be 50 multiple-choice questions. Most of the questions will be based on material covered in lecture. It is also important that you read the chapters in the textbook – there will be question that will come directly from the textbook (material not covered in lecture). If want you to be able to understand and apply the material ... not just spit back the facts.

Chapter 6- Sensation and Perception

1. What is sensation?
2. How do we receive sensory information?
3. What is perception? How is this different from sensation?
4. What is Psychophysics?
 - a. What are the two types of thresholds studied?
 - b. Explain the difference between each
5. What is the signal detection theory? Provide an example of this theory.
6. What is visual constancy?
 - a. Discuss and explain shape and size constancy
 - b. What are the three variables necessary to recognize size constancy?
7. What is Gestalt Psychology?
 - a. What are illusions?
 - b. What are figure and ground relationships?
 - c. What is similarity?
 - d. What are reversible images?

Chapter 7- Consciousness

1. What is consciousness?
2. Is consciousness a spectrum? Why or why not?
3. Can we alter our consciousness? If yes, how?
4. What is sleep?
 - a. On average, how many hours do people sleep per night?
 - b. Why do we sleep?
 - c. What controls the need for sleep?
 - d. What is the biological clock? Does it only influence sleep? Explain.
 - e. What events influence the biological clock? Can our clock be “thrown off”?
 - f. How many stages of sleep do humans have?
 - g. Explain NREM vs. REM sleep
 - h. Does REM serve a function? Explain.
 - i. How long is a typical cycle of sleep?
 - j. Discuss the differences in brain wave and arousal levels in NREM and REM sleep.
5. What are dreams?
 - a. When do dreams occur?
 - b. Are NREM and REM dreams the same? Why or why not?
 - c. Know the differences in dream interpretation theories
 - (a) Psychodynamic (Jung/Freud)
 - (b) Cognitive
 - (c) Biopsychological
6. What are the effects of sleep deprivation?
7. What are sleep disorders?
 - a. What is Narcolepsy? Explain the symptoms and features

- b. What is Insomnia? Explain the symptoms and features
- c. What is Sleep Apnea? Explain the symptoms and features
- d. What are Night Terrors? Example the symptoms and features
- e. What is Sleep Walking? Explain the symptoms and features