

STUDY GUIDE FOR chapter 1

This is not an exhaustive review of information you have learned. It is a set of questions that sample from the various topics we have covered. If you can reasonably answer all these questions, you appear to have a good grasp of the information, and you should do well. If you cannot, look up any information you are missing, and come to the review session.

CHAPTER 1. Introduction

1. What are generalization, reductionism, and explanatory reductionism?
2. What are simplifying and reductive steps?
3. Describe the 4 ways in which neuroscientists explain behavior in biological terms?
4. Define somatic intervention, behavioral intervention, and correlation
5. Define neuroplasticity
6. Describe blindsight and explain its importance in our understanding of consciousness.
7. Describe the effects of split brain surgery and explain its importance in our understanding of consciousness.
8. Describe unilateral neglect.
9. Describe Mentalism, Dualism, and Monism.
10. Describe the reasons why we use animals in research.
11. Describe the laws and guidelines that govern use of animals in research.