

**PHI 1103 – CRITICAL THINKING  
FINAL EXAMINATION STUDY GUIDE SPRING 2010  
INDIAN RIVER STATE COLLEGE  
DR. COHEN**

- First 15 questions: You will be presented with scenarios similar to those provided in the exercise in the back of chapter 6 in your Caution text. Each will contain a “Fallacy of Making Value Judgments” (study chapter 6, Caution). Be able to identify the *Fallacy of Making Value Judgments* you think has been committed. In making your selection, try to choose the fallacy that is most specific in identifying the thinking error.
- Be familiar with the types of refutation discussed in chapter 15, Critical Thinking Unleashed, and be able to identify each type.
- Antidote, definition of (Ch. 16 Critical Thinking Unleashed. See also What would Aristotle do? Ch. 3)
- Emotion loop, what is it? (Ch. 2, What Would Aristotle do?)
- Major changes occurring with emotion (changes in cognition, physiology, behavior) (See Ch. 16 Critical Thinking Unleashed; see also ch. 2, What would Aristotle do?)
- Cognitive dissonance, definition of (See Ch. 16 Critical Thinking Unleashed; see also ch. 4 What would Aristotle do?)
- Object of emotion and its rating ( $E = O + R$ ). See Ch. 16 Critical Thinking Unleashed. Be able to use this formula to identify emotions such as depression, anger, guilt and anxiety (see table of emotions in Ch. 16 Critical Thinking Unleashed).
- Standard form of emotional reasoning:  
If O then R  
O  
Therefore R  
(See Ch. 16 Critical Thinking Unleashed)
- Be able to use this form to identify the parts of emotional reasoning (rule, report, and conclusion) (See Ch. 16 Critical Thinking Unleashed)
- Know five steps (in order) of logic-based emotion management and know how to apply them. (E.g., you will be given an example of someone’s emotional reasoning and you will be required to identify the emotion, find the conclusion, the report and rule premises, identify a refutation of an irrational premise, and to identify an appropriate antidote to it.) (See Ch. 16 Critical Thinking Unleashed)
- Steps in constructing an antidote (See Ch. 16 Critical Thinking Unleashed)
- Sympathetic and parasympathetic nervous systems: roles in emotional responses. (Ch. 2 What would Aristotle do?)
- Willpower, what is it? How to strengthen it? (See Ch. 16 Critical Thinking Unleashed; see also ch. 4, What would Aristotle do?)

From **Chapter 9**: know the following:

- Generalization (process of)

- Representative sample, distinguish from non-representative sample (two problems)
- Fallacy of biased sample

From **Chapter 10**: know the following:

- Magnifying risks
- Fallacy of insisting on past
- Fallacy of ignoring the past

From **CHAPTER 3** (Pp. 49-57): You will be given five arguments that are enthymeme. That is, each has a missing part--either a missing premise or a missing conclusion. For each argument, you will be asked to find the missing part.