

Homework 10 Due in class on Fri, June 6, 2008 Please do your own work

Reminder: Homework is due in class on the due date assigned. Late homework will not be accepted. All homework is in a format that is easy to type into an email message, so that it may be emailed by class time if (and only if) you are unable to attend class on the day it is due.

Academic Misconduct: Cheating in any form will not be tolerated. In addition to plagiarism, this includes copying any work from other students, or allowing them to copy from you.

Important Note: Whenever doing problems from the textbook, be sure to look at the starred questions and answers in the back of the book, to see the format for answering, and to better understand the assignment. Be sure to do all assigned problems completely. Each question, or each part of a multi-part question, is worth one homework point.

Writing Assignment (30 homework points)

Read the Clever Hans file found in course reserves (<https://eres.lib.washington.edu/eres/coursepage.aspx?cid=6069&page=docs>), and write a paper (approximately 2 pages in length, double-spaced, 1-inch margins all around, 11-12 point type) that answers the following questions.

1. Briefly explain why Clever Hans was called the Wonder Horse.
2. Explain what is *experimental control*, and discuss how Oskar Pfungst applied this process to his experiments relating to Clever Hans. What were his two main findings?
3. What is the *Clever Hans effect*, and how can we control for it? Compare Mook's answer to Hurley, pp. 553-4.
4. What is FC, and why does Mook say, "FC is simply the Clever Hans effect all over again"?
5. Explain how and why the Clever Hans effect might be pertinent to the following Randi passage that you have previously read (<http://www.randi.org/library/dowsing/>): "I ask all those who wish to claim the prize based upon their dowsing skills to first try a **double-blind test** of their abilities. We at the JREF can advise you how to design such a test protocol. You will find, I assure you, that the description above of the ideomotor effect will be proven valid" (emphasis added).

From the text:

3.4, III, 1-50 all (50 multiple choice questions), pp. 161-5