1. a) Produce a thoughtful argument about what role natural-language interaction (NLI) should have in user interfaces. Be sure to list at least three benefits and three limitations of NLI. (12 points)

b) Describe one promising possibility for NLI and discuss how you would conduct a usability test and observation to collect some evidence about its strengths and weaknesses. (18 points)

2. Examine the following interface:

   a) Describe three of the form fill-in design guidelines presented in the book that have been violated by this interface. (12 points)

   b) For each violation, suggest a way the interface could be changed to fix the problem. (6 points)

3.  a) Explain the difference between direct-control and indirect-control pointing devices. (5 points)

    b) Describe a task where it would be more appropriate to use a direct-control pointing device. Do the same for an indirect-control device. (8 points)

4.  Provide an argument explaining why delays should be kept short for common, everyday tasks of a user. Use knowledge of short-term and working memory as the basis for your argument. (15 points)

5.  Color displays are attractive to users and can often improve task performance, but the danger of misuse is high. List four guidelines for using color and give an example of each. (12 points)

6.  Describe the difference between reading on paper and reading on a computer display. Be sure to list at least three disadvantages for each method. (12 points)