Problems: For the short-answer questions, please write 2-3 sentences in legible handwriting.

1. (100 pts) Redo Midterm 2: Print out midterm 2 and redo every problem on that paper. You may discuss with friends, consult the textbook and your notes, etc. Clarification for problem 1f, sketch the first four energy levels (not the first four excited states) and proceed as directed.

2. (10 pts) What is the most important concept or idea you’ve learned so far? What is the least? Explain.

3. (10 pts) What concept or idea did you most enjoy learning about? What was least enjoyable to learn? Explain

4. (10 pts) What did you do to prepare for the midterms in this class? How much do you use the textbook (e.g. read every page, just enough to do the homework)?

5. (10 pts) How well did you do on Midterm 2 relative to your expectations? Explain.

6. (10 pts) Are you worried about your grade in this class and why?

Grading rubric:

• You are encouraged to show work and explain it in your own words. Partial credit will be assigned in proportion to the correct principle applications.

• Your work must be legible. Illegible (parts of) solutions will not be read, and points may be deducted.

• One point will be deducted for missing or incorrect units on (numerical) solutions.

• For plots one point will be deducted for missing axis and tick labels. Another point will be deducted for missing or incorrect units if applicable.

• “An Aggie does not lie, cheat or steal, or tolerate those who do.” If academic dishonesty is discovered, all associated individuals will receive a zero for this assignment.