Physical Chemistry II
Problem Set 8—due Monday, April 21, 2003 (at 5:00 p.m.)

1. (5 points) Atkins and de Paula Exercise 17.11(a). (Not a typo.)

2. (5 points) Atkins and de Paula Exercise 17.16(b)

3. (5 points) Atkins and de Paula Problem 17.1

4. (5 points) Atkins and de Paula Problem 17.11

5. (5 points) Atkins and de Paula Problem 17.13

6. (5 points) Atkins and de Paula Problem 17.14. Note that the dipole transition probability for the transition $f \leftarrow i$ is defined by the integral $\int \psi_f \tilde{\mu} \psi_i d\tau$. 