Department Chemie
Prof. Don Lamb, PhD

Reading:

Lecture Notes of Prof. Dr. Hans Frauenfelder, Biological Physics, Appendix B
(Physics 450, University of Illinois at Urbana-Champaign)

Copies of the selected pages are available in the library

Questions:

1) Which thermodynamic variables are extensive, and which are intensive?

2) What is the definition of enthalpy?

3) What is the order of magnitude of the thermodynamic energy fluctuations for a typical protein?

4) What is the Fluctuation-Dissipation Theorem?