ES 202 Fluid and Thermal Systems Name
Quiz on Background (1/14/03)

1. How many phase does a substance have?

2. What do the following laws of thermodynamics mean to you? Describe them in your own words.
   (a) Zeroth law

   (b) First law

   (c) Second law

3. Write down the energy balance and entropy balance for an open system.
   (a) Energy balance

   (b) Entropy balance

4. What is a simple substance?

5. What does the State Postulate or State Principle of a simple substance tell you?