The following are based on Chapter 34 of the textbook, on NP-Completeness.

1. (1 pt.)

   - This *quick check* is **closed book, notes, etc.**
   - You may use a *hand-written* 3 in. × 5 in. **reference card** as announced.
   - Use the **textbook's conventions** and terminology.

   Read the above carefully; then write your name below:

2. (3 pts.) What does the textbook's notation $L_1 \leq_P L_2$ mean?

3. (6 pts.) The textbook 's Section 34.5 (titled NP-complete problems) describes five NP-complete problems. Provide the standard names and definitions (problem statement) of any two of those.