22C:34 Quiz #7

Good luck!

1. Define the following terms:
   a) Reflexive relation
   b) Symmetric relation
   c) Transitive relation
   d) Antisymmetric relation
   e) Partial order
   f) Equivalence relation.

2. a) Give an example of a relation that is reflexive and transitive.

   b) Give an example of a relation that is reflexive and symmetric.

   c) Give an example of a relation that is antisymmetric.

   d) Give an example of an equivalence relation.