Quiz Chapters 1, 2, 3 (In part)
Note the two versions A & B

Oct. 7 2010
Exam A: 1. A chess playing agent operates in an episodic task environment
   a) True,   b) False

Exam B: 1. A chess playing agent operates in a strategic task environment
   a) True,   b) False
Exam A: 2. Imagine the next Mars-rover stops working upon arrival on Mars.
   From this we can deduce that Mars-rover is not a rational agent
   a) True,   b) False

Exam B: 2. Imagine a Mars-rover which does not have a program to plan its route.
   As a result of this the Mars rover is performing suboptimal.
   From this we can deduce that Mars-rover is not a rational agent
   a) True,   b) False
Exam A: 3. Algorithm “X” has $O(b^d)$ time complexity while algorithm “Y” has $O(bd)$ time complexity. This means that algorithm “Y” will solve every problem faster than algorithm “X”.
   a) True, b) False

Exam B: 3. Graph-search will expand every node that can be reached through an available action starting at the current state.
   a) True, b) False
Exam A: 4. Every search strategy treated in class requires one to store all expanded nodes for a full graph-search.
   a) True,   b) False

Exam B: 4. Every optimal search strategy is necessarily complete
   a) True,   b) False