Economics 104: Game Theory, Spring 2011 Problem Set 6

(O) Questions:

(1) Exercise 363.1 (Maxminimization in a bargaining game)

(2) Exercise 364.2 (Nash equilibrium payoffs and maxminimized payoffs)

(3) Exercise 365.1 (Nash equilibrium payoffs and maxminimized payoffs)

(4) Exercise 366.2 (Determining strict competitiveness)

(5) Exercise 369.2 (Equilibrium payoffs in symmetric game)

(6) Exercise 372.1 (Increasing payoffs and eliminating actions in strictly competitive games)

(7) Exercise 372.2 (Equilibria in strictly competitive games)

(8) Exercise 372.3 (Morra)

(9) Exercise 426.1 (Subgame perfect equilibrium of finitely repeated Prisoner's Dilemma)

(10) Exercise 428.1 (Strategies in an infinitely repeated Prisoner's Dilemma)

(11) Exercise 429.1 (Grim trigger strategies in a general Prisoner's Dilemma)

(12) Exercise 430.1 (Limited punishment strategies in an infinitely repeated Prisoner's Dilemma)

(13) Exercise 431.1 (Tit-for-tat in an infinitely repeated Prisoner's Dilemma)

(14) Exercise 431.2 (Nash equilibrium of an infinitely repeated Prisoner's Dilemma)

(OR) Questions:

(15) Exercise 253.1