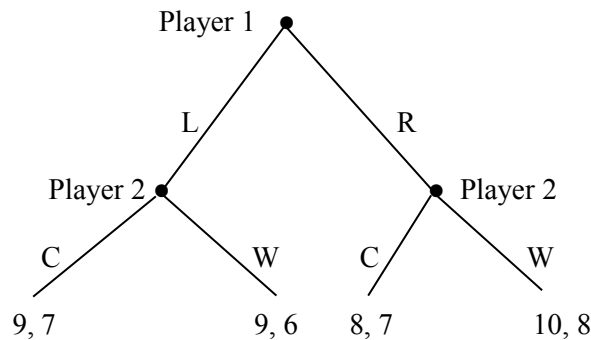


Exam
Advanced Microeconomics: Part II (Uwe Jirjahn)

Winter 18/19

Choose two questions out of the three questions Q1, Q2, Q3.

Q.1 Consider the following extensive-form game:



Q.1.a Depict the corresponding normal form of the game.

Q.1.b Identify the pure-strategy Nash equilibria.

Q.1.c Identify the subgame-perfect Nash equilibrium by using backward induction.

Q.2 Consider the following normal-form game:

	Player 2	G	C
Player 1	G	2, 1	0, 0
	C	0, 0	1, 2

Q.2.a Identify the pure-strategy Nash equilibria.

Q.2.b Identify the mixed-strategy Nash equilibrium.

Q.3 Consider the following normal-form game:

	Player 2	L	M	R
Player 1	U	3, 0	0, -5	0, -4
	C	1, -1	3, 3	-2, 4
	D	2, 4	4, 1	-1, 8

Identify the pure-strategy Nash equilibrium by iterated elimination of dominated strategies.

Note: If you answer all three questions, we will only consider Q.2 and Q.3.