to 6 nithe

1. (20pts) A football team needs to select a captain from among four players: Steel, Griffin, Pollard and Driggs. Their preference rankings are as follows:

Number of voters:	12	5	8	1	10	3	2
Steel	1	1	2	3	4	2	2
Griffin	2	3	1	1	1	4	4
Pollard	3	2	3	4	2	1	3
Driggs	4	4	4	2	3	3	1

a) Who wins the vote in a plurality election?

b) Who wins the vote in a plurality election, followed by a runoff of the first two finishers?

c) Who is the Condercet winner, if any?

Prisss 3+2 = 5

d) Who is the winner using Borda's method? Perform the check on the sum of Borda points.

e) In the Borda election, could the five voters who ranked Griffin last achieve a preferable outcome by voting strategically, assuming all the other members voted as shown?