Quiz 2

1. Eugene Levy (L), Robert Gronkoswki (G), and Melissa McCarthy (M) are competing in "So you think you can dance". The $N = 5$ judges' votes are in:

3	2
M	G
G	L
L	M

   (a) Is there a majority candidate? (1 pt)

   (b) Compute the Borda scores for each of the three candidates (1pt each):

   $\mathcal{B}(L) =$

   $\mathcal{B}(G) =$

   $\mathcal{B}(M) =$

   Who wins by Borda count? (1 pt)

   (c) Who wins by pairwise comparison? (1 pt)

2. Circle T if the claim is true, F if the claim is false (1 pt each):

   (a) Borda count is Condorcet fair. T F

   (b) Borda count satisfies the unanimity criterion in the example from Question 1. T F

   (c) The example in Question 1 shows that plurality is NOT Condorcet fair. T F

   (d) All majority fair winner selection methods satisfy the Condorcet criterion. T F

WRITE YOUR NAME ON REVERSE!

PLEASE WRITE YOUR NAME ON THE BOTTOM OF THIS PAGE.

Name: _____