

## Some Questions for Chapter 1

1. What is a preference ballot?
2. What is a preference schedule?
3. How do you decide an election using the Plurality Method?
4. How do you decide an election using the Borda Count Method?
5. How do you decide an election using the Plurality-with-Elimination Method?
6. How do you decide an election using the Method of Pairwise Comparisons?
7. What is a plurality candidate? Does every preference schedule have a plurality candidate?
8. What is a majority candidate? Does every preference schedule have a majority candidate?
9. What is a Condorcet candidate? Does every preference schedule have a Condorcet candidate?

10. What is the Majority Criterion?
11. What is the Condorcet Criterion?
12. What is the Monotonicity Criterion?
13. What is the Independence-of-Irrelevant Alternatives Criterion?
14. What is insincere voting?
15. How many pairwise comparisons are there when you have 8 candidates?
16. What is the sum  $1 + 2 + 3 + \cdots + 1000$ ?
17. If there are 6 candidates and 100 voters, how many points are awarded in the Borda Method on each ballot? How many total points are awarded for the entire preference schedule?
18. Can you work each homework and quiz problem *correctly* and *quickly*, providing explanations and justifications, without looking at the textbook?
19. Have you carefully studied the material in Sections 1.1–1.5?
20. Have you carefully studied the slides on Sections 1.1–1.5 on the website <http://www.ms.uky.edu/~lee/ma111fa09/ma111fa09.html>?