## Department of Physics, University of Maryland, College Park, MD 20742-4111

Physics 404 HOMEWORK ASSIGNMENT #10 Spring 2008

**Due date:** Tuesday, April 29 **Deadline:** Thursday, May 1

B means a problem in Blundell & Blundell's text; GT means a problem in Gould & Tobochnik.

- 1. B23.6
- 2. B23.7
- 3. B24.3
- 4. B26.1 Note that this problem implicitly assumes that one is moving away from the critical point in the temperature "direction." Explicitly, you should assume that the volume is  $V_c$ .