

Final Examination for PHYS 6220/7220, 18th February 2024

First

Last

Student Name:

Instructions: This test is worth a total of 5 points.

1. What defines the fugacity? [1 point]
2. What is the definition of PV/kT in terms of the grand canonical system? [1 point]
3. Define $\phi(T)$ for a quantum mechanical one dimensional solid? [1 point]
4. What is the Clausius-Clapeyron equation? [1 point]
5. Define the thermal de Broglie wavelength? [1 point]