Quiz Ninth for PHYS 6220/7220, 15th April 2026

First **Last**

Student Name:

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

1. What is the equation that is ideal Fermi gas? [**1 point**]

2. What is the definition of N of an ideal Fermi gas? [**1 point**]

3. What is $f_v(z)$ for an ideal Fermi gas? [**1 point**]

4. What are the mean values of $\langle n_s \rangle$ and ε_f? [**2 points**]