Final Examination for PHYS 6220/7220, 11th March 2024

First **Last**

Student Name:

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

1. What defines a stationary quantum matrix? [**1 point**]

2. What is the definition of S in microcanonical quantum statistical mechanics? [**1 point**]

3. What is the postulate of equal *a priori* probabilities? [**1 point**]

4. What is the definition of S in canonical quantum statistical mechanics? [**1 point**]

5. Define the Bose-Einstein weight factor? [**1 point**]