

SARDAR BHAGWAN SINGH UNIVERSITY
Subject: Quantum Mechanics
Class: BSCCP (C.M.)

Assignment - 8

1. Explain Angular momentum operator and Quantum Number l , and m, s, σ .
2. What is space quantization?
3. Define electron spin.
4. What is Larmor's theorem.
5. Define Zeeman effect.
6. Write Stern-Gerlach Experiment.
7. Define Gyromagnetic Ratio.
8. What is Bohr magneton.