Assignment - VII
Course: PH 301/PH 401
Beyond Syllabus.

1. Writ and explain D'Alembert's Principle?
2. Derive Lagrangian from D'Alembert's Principle
3. Derive Hamiltonian from D'Alembert's Principle
4. Explain Spherical,Cylindrical co ordinates and its physical significance in the problems of electrostatics and magneto statics.
5. Define quantum numbers and show the Energy level diagram hydrogen atom
6. Establish the MB distribution law?
7. What you mean by partition function?
8. Derive BE distribution law?

Prepared by Dr R K Dubey