

Guide to Exam:

1. Electro Statics, Multipoles, Dielectrics
 - (a) Solving for the potential. Images. Green fcn.
 - (b) Forces, energy, and the multipole expansion. Green Theorem.
 - (c) Solving Problems with Dielectric.
2. Magneto Statics, Ohms Law
 - (a) Solving for the magnetic field.
3. Quasi-statics and Induction
4. Waves and Wave Packets