

Hello everyone. As I said before, we will have a traditional test. I think this is the only way to actually get individual grades. We tried it the other way and it did not work. So, you actually got one take home test which is good for you.

180B Test 2 - Magnetism (60 points)

Chapter 20 - Magnetism

Concepts: Magnetic Field, Magnetic Force, Magnetic Poles, Right Hand Rule, Motion of Charged Particles in a Magnetic Field, Mass Spectrometer, Force and Torque on a Current Loop, DC Motors, Magnetic Storm: What was this documentary about? What was the evidence?

Diagrams: 3, 7, 12, 17, 25

Multiple Choice Questions: 2, 3, 4, 5, 7, 9, 11, 13

Problems: 1, 2, 3, 4, 11, 13, 15, 19, 24, 25, 97, 32, 37, 82, 83 and draw a great Mass Spectrometer

Chapter 21 - ElectroMagnetic Induction

Concepts: Faraday's Law, Lenz's Law, Motional Emf, Transformers

Diagrams: 1, 5, 8, 15, 16, 18, 21, 27

Multiple Choice Questions: 1, 7, 8, 10, 14, 15

Problems: 25, 26, 64, 66