

PES 1000 –Physics in Everyday Life – Evaluation Overview
UNIT 3: (Chapters 12 – 15) Electric Charge, Circuits, Magnetism; Waves
Griffith 'The Physics of Everyday Life' 8th.ed.

Any or all of the following questions and exercises may be attempted. Questions (Q) are worth 1 point each, and Exercises (E) are worth 2 points each. Full credit is awarded for correct equations and answers, half credit for correct equations but incorrect answers.

Not all problems must be attempted or completed; Extra credit points added to exam will be based on percent of questions & exercises point total earned out of ~~40 possible points~~ 30 possible points for all questions & exercises (for example, 21 points worth of questions & exercises are earned. So $(21 / 30) * 10$ points = +7 to exam grade).

These problems are from the 8th edition of the Griffith text

Chapter 12 – Electrostatic Phenomena	Q: 8, 10, 18, 19, 32 E: 2, 4, 6, 14
Chapter 13 – Electric Circuits	Q: 4, 10, 14, 22, 24 E: 2, 4, 8, 10, 14
Chapter 14 – Magnetism and Electromagnetism	Q: 2, 10, 28, 30 E: 2, 6, 12, 14
Chapter 15 – Making Waves	Q: 2, 6, 12, 14, 20, 28 E: 2, 4, 6, 10