

Words to the Wise for Exam 3

November, 2002

Please read this note carefully. (It was written by the author of Exam 3!) Some comments are the same as for Exam 2, some are specific for Exam 3.

1. Any material that we covered in the reading assignments, lectures, activities, and/or homework is fair game for the exam.
2. Keeping in mind #1, it would be a logical assumption that the most important subjects have been covered by at least two of the four listed above, probably all of them.
3. The following “Touchstone” examples from the book will help you prepare for the exam:
22-8-1 pg. 22-20 22-8-2 pg. 22-22 23-5-1 pg. 23-20 25-2-1 pg. 25-21
25-5-1 pg. 25-21 25-7-1 pg. 25-23 29-4-1 pg. 29-22 29-5-1 pg. 29-23
4. Make sure you understand all of the equations on the Formula Sheet: what the symbols mean, when you can use them, when you cannot.
5. Check the review notes.
6. Check the exam template on the web site. This is a copy of Exam 3 with the questions deleted, but you will see the format so that it will not be a surprise.
7. When you take the exam, do the questions you know how to do first, then go back to the ones that you were not sure about.
8. Specific for Exam 3: Review the following concepts until you know them well and – very important – know the differences among them: electric force (vector), electric field (vector), electric potential (scalar), electric potential energy (scalar), magnetic field (vector).