

Physics 303K Midterm 2

Hello to all and good evening! This is the second midterm of the semester and I want everyone to score as high as possible. With this in mind, here are a few recommendations:

1. The exam is 30 questions. This is a lot of questions, and we don't expect everyone to finish all of them. There are some easy questions that you should be able to knock off quickly. There are also some harder questions involve more legwork to get an answer. Don't waste a lot of time on a hard problem when there are easy ones to do! Each question is worth only 10 points, regardless of its difficulty!
2. So I recommend a three step process:
 - (a) You should find and complete the easy questions first.
 - (b) Then, go back and work the more difficult questions that you know how to do.
 - (c) Finally, do your best on the questions that you only have a vague idea to solve.
3. Pace yourself to find the optimum balance between speed and accuracy!
4. Remember how this test is scored:
 - (a) + 10 points for correct answers.
 - (b) $-\frac{10}{n-1}$ for incorrect answers, where n is the number of available choices. For example, if you answer incorrectly on a multiple-choice question with 10 different choices, then your score will be *lowered* by $\frac{10}{n-1} = \frac{10}{9} = 1.\overline{111}$ points.
 - (c) If you choose more than one answer, you will receive no credit.

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