

Hello dear children of mine! Here are some things and last words to motivate you for the final this friday. Exam k sath Namaz ki bhi tayyari kr k ana 😊.

JK, here is the topic summary I shared earlier (you can call it the syllabus.)



So far, I think you have mastered the mechanics section, because you use it everywhere in your daily life now, like in the playground, right...



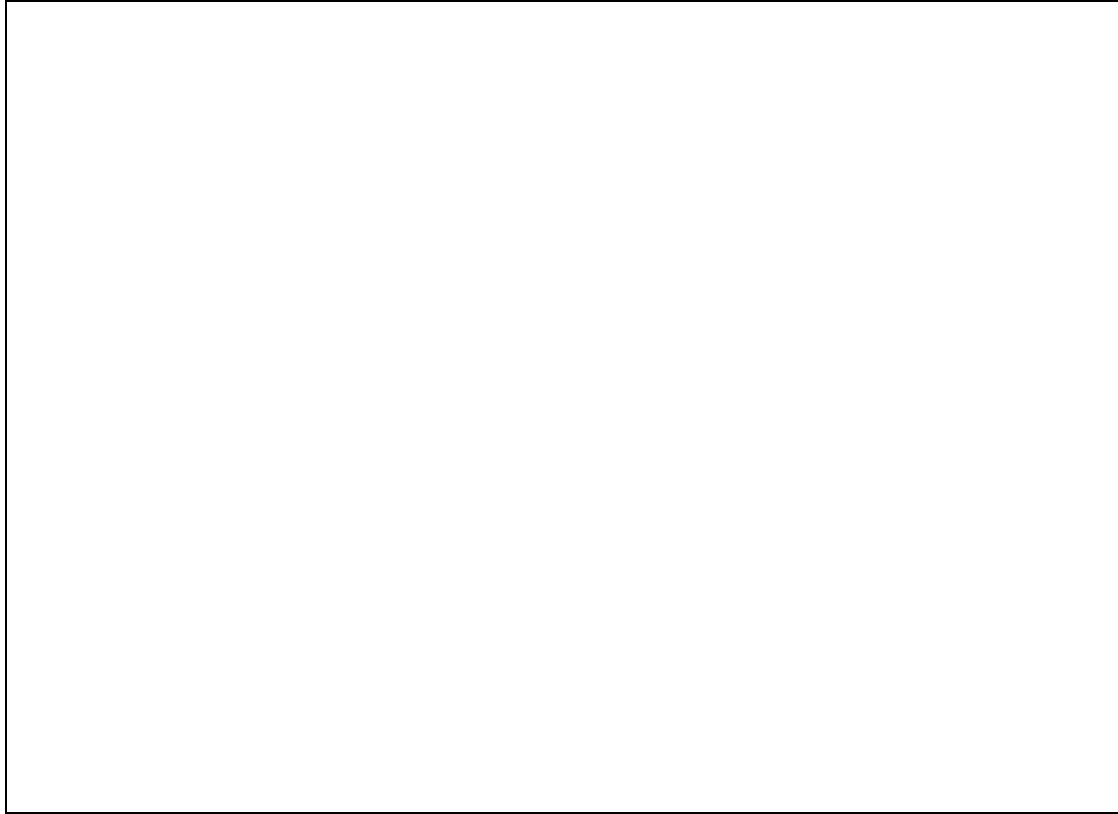
Mechanics section might be a little less than 50 percent in the examination. So hold on to those formulas just a little longer.

Since we concluded to include some of the topics, but of course they are equally likely to appear or not appear in the final exam so I wanted to make-up for those here just in case.

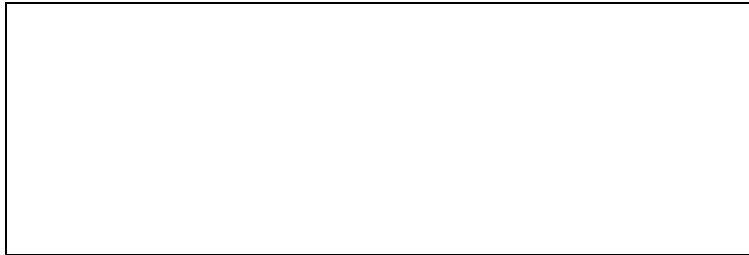
Easter eggs in the Lectures: It is no time to start digging in the lectures but do recall the details hidden there, you must have noted them down in your notebooks... right...

Graphs: As reminded earlier, graphs can be made from anything, any data and any form involving multiple variables. So, when you see a formula, make a graph that represents it. This was our usual exercise in lecture, but just this is a reminder, so...

Dielectrics: We skipped through it but this simple slide will be enough



Power: If you want to know the power due to a passing current, just use  $P=VI$ , like this;



Advice: Try to write things down as you proceed, like a summary you find at the end of every chapter in your book. When you are stuck in a numerical problem don't hesitate sketching things out, giving values an arrow or point that you can stare at always helps, especially the symmetries in the system. Keep your mind open to simple solutions and

*let your inner sloth help in this..*