



SCIENCE AND TECHNOLOGY COUNCIL

**TAKNEEK '18**

ON THE SHOULDERS OF GIANTS



## NUT CRACKER

**Eligibility:** Pool Event (Open to all)

**Points:** 30

### Introduction:

A problem set will be posted on the web on each day of Takneek. Your job is simple: just pick up a pen and paper, dive into the mystery, and send us your solutions before the deadline. The most innovative/elegant solution (and in case two are equally good, the first one to reach us) will win!

### Rules and Regulations:

1. One question will be uploaded every day on the four days of Takneek.
2. The questions may be from physics, chemistry, biology or mathematics. Pick up a pen and paper and get cracking.
3. Entries must be submitted through the same email ID each time in case of multiple submissions.
4. The deadline for every question is 24 hours after it has been uploaded.
5. The same pool may submit multiple solutions. The last solution submitted before the deadline will be evaluated by the coordinators (so make sure that you're happy with it!).
6. The maximum points will be given to the best (intuitive, elegant and creative) solution (or, in case of a tie, the one which reaches us first) which will be decided by the coordinators.
7. The total marks for every question will be mentioned along with the question.
8. At the end of the event, if there is a tie, we will send a tie-breaker question to the concerned pools (and, after the event, to anyone else looking to challenge their brain muscles).

Send your solutions as a pdf to [seek.iitk@gmail.com](mailto:seek.iitk@gmail.com) with the subject Nutcracker\_PoolName

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