Rules for Logic GC

Guidelines:
1. All students from hostels would be eligible for participation.
2. Hostel 15/16 students can join their respective senior hostels. They will not be evaluated separately.
3. All students from H18 will be participating on behalf of their previous hostels (H7 and H8 will be paired up).
4. All the female students living in H15 shall represent H10.
5. All freshmen shall represent their senior hostels.
6. Students would need to participate in teams, with each team size not exceeding 3.
7. The GC would be composed of 2 rounds. The duration of the first and the second round will be 80 minutes and 60 minutes respectively.
8. Round 2 will be more difficult than Round 1.
9. Any number of teams can participate from a hostel.
10. New: Both the rounds of all the participating teams would be evaluated and considered for final scores. Grading will be as mentioned below.
11. Any team from a hostel found using unfair means will result in disqualification of the team and may also result in negative points for the hostel.
12. In case of disputes, the decision of the Maths and Physics Club will be final.

Grading Scheme:
1. The maximum marks of both rounds combined will be 100 (or will be scaled to 100). Round 1 will have a maximum of 45 marks and round 2 will have a maximum of 55 marks.
2. A hostel will be assigned score $S$, which will be the sum of top marks of the top three teams in round 1 and the top marks of the top three teams in round 2. This means that if teams from Hostel x are such that T1, T2 and T3 have the highest score (from Hostel x) in Round 1 and T2, T4, T5 have the highest score (from Hostel x) in Round 2, then the total score considered would be $S = 0.45 \times (S_{R1}) + 0.55 \times (S_{R2})$ wherein $S_{R1} = (T1(R1) + T2(R1) + T3(R1))$ and $S_{R2} = (T2(R2) + T4(R2) + T5(R2))$ with $S_{R1}$ and $S_{R2}$ out of 100 (or scaled to 100).
3. The following hostels will be allotted bonus marks $B$ in the following cases:
   1. $B = 75$ for the hostel with the maximum number of teams.
   2. The hostel that has a third team which qualified for the finals and scored more than the second-highest team of any other hostel in both rounds. $B = \text{Third team's score}$.
4. The total score will be calculated as $T=0.9 \times S+0.1 \times B$. The hostel will be ranked according to their $T$-values.
Division of GC points:
Logic GC is a short preparation GC, and X=75 GC points will be awarded. The points will be distributed as mentioned in the general GC guidelines. 10% participation points will be awarded.