Integration Bee

Team Event, Open-To-All
Points: 15

30 minutes.100 integrals. Solve as many as you can!

On the spot team event.

Maximum 2 participants per team

Minimum 3 teams per pool

If less than 3 teams then pool disqualifies.

Judging Criteria - The event will consist of 100 integration problems of varying difficulty, each having a weightage of 1 point. No partial points will be given, the full point is only awarded if the final answer is correct. For indefinite integrals, the final answer will be a function; full points will be awarded if and only if the provided function differentiates to the integrand. For definite integrals and improper integrals, the final answer will either be a number (real or complex) or infinity (positive or negative); full points will be awarded if and only if an exact answer in terms of known constants (the full list of allowed constants will be given with the question paper; it will include numbers like pi, e and square root of 2). Numerical answers will not be given any points unless they are exact. (Thus, if the actual answer is e, the answer 2.718 will be given no points, but if the answer is ⅗, full points will be awarded for the answer 0.6.)

In case of any discrepancy, the decision of Coordinators will be final.

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