

GUIDELINES FOR PARTICIPANTS - Phase 1

1. Event Overview

The Integral Cup is a competitive mathematics event focused on solving integrals under time constraints. It is structured into three rounds. Round 1 will be conducted online on Unstop, but participants must attend the designated venue at their respective IIT centers.

Note: Personal participation from your room or any unauthorized location is strictly prohibited. Attendance will be taken.

2. Format and Rules

- The detailed format for Round 1 will be displayed on Unstop before the event begins.
- Participants must reach the venue at least 25 minutes before the event starts.
- The question format includes:
 - Multiple Choice Questions (MCQs)
 - Numerical Type Questions
- Prohibited Items:
 - Calculators
 - Any other electronic devices
- Disqualification Conditions:
 - Use of external resources (internet, books, etc.)
 - Collaboration or communication with others during the event
 - Indiscipline or creating disturbances

3. Syllabus

Participants are expected to be familiar with the following topics:

1. Basic Integration Techniques
2. Integrals Related to Series
3. Gaussian Integrals
4. Volume Under Manifolds in n Dimensions
5. Integrals Derived from Differential Calculus
6. Applied Concepts from JEE Physics
7. Certain problems may involve **basic physics principles** (e.g., work-energy, kinematics, or electromagnetism) to test conceptual application of integrals.

Note: These physics-based questions will only require fundamental understanding, consistent with **JEE-level physics**.

4. Materials Provided

To assist during the exam:

- A booklet with standard integration results will be:
 - Physically distributed at the venue, OR
 - Displayed on-screen during the examination

5. Scoring and Qualification

- No negative marking, unless specifically mentioned in the instructions.
- In the case of a tie, the participant with the least total time taken will be ranked higher.

6. Code of Conduct

- Strict discipline must be maintained throughout the event.
- Any form of malpractice, misconduct, or violation will result in immediate disqualification.
- All decisions made by the invigilators and organizing committee are final and must be respected.

7. Venue Participation Requirement

- Participants must appear physically at their designated IIT center venues.
- Attendance will be recorded prior to the exam.
- Remote participation is not allowed.

8. Resources

- Additional study materials and announcements are available on the official website.

Check regularly for updates and preparation guidance.

Best of luck

