



IPSC IT FEST 2026

Judging Rubric

Algorithm Challenge

The Doon School

DEHRADUN

Judging Rubric

1. Total

1.1 Total points available: 100

2. Criteria

2.1 Functional Correctness — 30 points per question

Assessment	Descriptor
Full marks	Code successfully compiles and passes 100% of the hidden judge test cases.
Partial	Code successfully executes but passes only a fraction of the test cases.
Zero	Code fails to compile, throws a fatal runtime exception on the first case, or yields incorrect logic for all tests.

2.2 Algorithmic Efficiency & Complexity — 10 points per question

Assessment	Descriptor
Full marks	The program completes execution well within the expected theoretical time limits and code optimization is perfect.
Partial	The program passes the test cases but uses sub-optimal complexity.
Zero	The program triggers a Time Limit Exceeded (TLE) error, or crashes due to stack overflow.

2.3 Code Structure & Documentation — 10 points per question

Assessment	Descriptor
Full marks	Code is cleanly structured, follows proper naming conventions, and includes concise explanatory comments demonstrating clear logical intent.
Partial	Code solves the problem but lacks structural neatness, proper variable naming, or sufficient comments explaining the logic.
Zero	Code is completely undocumented, unstructured, obfuscated, or the participant cannot verbally explain their own program's logic.

3. Who scores what

The Judges will score all components of the submission. Functional Correctness (2.1) and Execution Speed (part of 2.2) will be evaluated directly through the judging portal's hidden test cases. Code Structure (2.3) and theoretical Time/Space Complexity metrics will be manually reviewed and scored by the Judges upon code execution completion.

4. Tie-breaks

4.1 In case of a tie, the judges may benchmark the tied teams for a clear winner. Judges may write a few test cases, run them on your codes, and then check which code handles it best. In case of a tie again, Execution Time and Time Complexity will be taken into consideration by the discretion of the Judges.