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**Preliminary Online Contest (Kanpur Site-2019)**  
**18 October, 2019 [04:45PM – 7:45 PM (IST\*)]**

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## **A**bout Preliminary Contest:

The Preliminary Online Contest for the selection of the teams for the Kanpur Onsite Regional contest to be held in Kanpur on 30 and 31 December 2019 has been scheduled on **Friday, 18 October, 2019**. All teams desiring to participate at the ICPC Kanpur Site Regional Contest must register and participate in this online contest. Because of the limited number of available slots in Kanpur Site Contest, we have decided the following:

- The Online contest will be open to all teams who have completed the registration formalities.
- All registered teams have to participate in the online contest which will be held on **Friday, 18 October, 2019** from **04:45 PM to 07:45 PM (IST\*)**.

Please note that there will be a common Preliminary Contest for all the Regional Sites of India, however each site will prepare a separate rank list for the Teams registered at their site based on the performance of the teams registered at their site.

## **P**rogramming Environment:

- ✓ Contest will be held over the Codechef platform.
- ✓ Programs are to be written in C, C++, Java or Python. The compilers are what you get by default on Codechef platform when you use the languages C, C++, Java, PYTH, PYTH 3.6 and PYPY.
- ✓ You can find more about the compiler options in each language here (<https://discuss.codechef.com/t/are-any-compiler-flags-set-on-the-online-judge/1866>).

## **O**nline Contest Rules:

- The contest will be conducted over the Internet.
- Teams whose registration formalities are completed are only eligible to participate in the contest.
- You are not allowed to discuss strategy, suggestions or tips in the comments with anyone other than contestants of your team during the contest. However, posting question or clarification to the contest manager to clarify the problem statement is allowed.
- Comments will be published only after the approval from the administrator during the contest.

- You can also send your queries by email at [help@codechef.com](mailto:help@codechef.com) or call at **+91-22-61966343/ 61966396** during the contest.
- Contest problems will become visible on the contest landing page on *CodeChef* on **Friday, 18 October, 2019** at **04:45 PM** (IST\*).
- Organizing Institute will not be responsible in case any program does not work at our environment. So, try to use one of the mentioned compiler versions.
- Judges' decision will be treated as final. No correspondence in this regard will be entertained.
- Kanpur Site will not be responsible for any internet failure during the contest at the contestants' site.
- Each participating team must submit solutions during the contest period.

### **S**ubmission Procedure:

To submit problems, you have to login to <http://www.codechef.com> with the team login id and password that will be/has been sent to you by email. You need to visit the contest page: <https://www.codechef.com/ICPCIN19>.

### **Note:**

You are required to participate in the practice round on 17th Oct 2018 at 4 PM IST to check if your credentials work. The practice round link: <https://www.codechef.com/PRIN19>

## Ranking Procedure:

- You will receive one point for correctly solving a problem (passing all test cases - no partial credit), regardless of the level of difficulty of that problem.
- Teams are ranked according to the number of problems solved. Ties will be broken by the total time for each team in ascending order of time.
- Total time is the sum of the time consumed for each problem solved. The time consumed for a solved problem is the time elapsed from the beginning of the contest to the submittal of the first accepted run plus 20 penalty minutes for every previously rejected run for that problem. There is no time consumed for a problem that is not solved.
- Each program will be tested based on our critical test data. A program will be considered as correct if its output matches with our output against our critical test data.
- Selection of Teams may or may not reflect the Ranking of the Teams.

## Selection Procedure for On-site Contest:

- There are approx. 100 seats available for the Onsite Regional Round.
- At most **05 (five)** teams can participate from an Institute.
- Selection Criteria is as follows:
  1. Discard all teams who could not solve a single problem.
  2. Rank all teams based on the performance in the Preliminary Round.
  3. Select top **15 (fifteen)** ranked teams for Onsite Contest.
  4. Top **02 (two)** teams consisting of all girl contestants and having rank within 30 will be given slots.
  5. Remove these 15 teams and girl teams(selected based on step 4, if any) from the Rank List
  6. Select the top ranked team from each distinct school or institute.
  7. Arrange all these top ranked teams with respect to their performance in the Preliminary Round.
  8. Select teams from the top as long as the Onsite Contest slots are available and the list is not exhausted.
  9. In case it is found that the number of selected teams in this process is less than the available slots, remove selected teams from the Rank List and repeat step 6.

**\*IST: Indian Standard Time**