

General Scoring Arrangements
<https://parleyyang.github.io/CUPOKS/index.html>

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For all candidates, the selection is solely based on a ranking of their summed score over the three selection tournaments on the 7th and 17th January, and 4th February. Let x_1, x_2, x_3 denote the respective ranks the candidate get in the three tournaments, and let y_1, y_2, y_3 be the respective total participants in the three tournaments, and let z_1, z_2, z_3 be the respective total entries in the three tournaments, that is, the number of buy-ins in those tournaments. Then the candidate has the following score:

$$\sum_{i=1}^3 10 \left\lfloor \log \left(\frac{y_i}{x_i} \right) + \log \left(\frac{z_i}{x_i} \right) \right\rfloor \quad (1)$$

where \log refers to natural logarithm and $\lfloor \cdot \rfloor$ is the floor function, i.e. $\lfloor x \rfloor = \max\{y \in \mathbb{Z} : y \leq x\}$. If the candidate did not participate one or two of the games, the score is set as zero.

As an example, suppose a candidate places the 2nd, 5th, and 15th in the three games having 20, 30, and 30 players respectively; and suppose the total rebuys of the three games are 10, 15, and 20, then $z_1 = 30, z_2 = 45, z_3 = 50$, and hence the score for each of the games goes as 50, 39, 18. The total would be 107.

As another example with absence, suppose a candidate only attends the second tournament (with above setting) and came the 1st, then the score received would be 72. The total would also be 72.

There will be a scoreboard of all candidates proceeding the end of each tournament.