



Tsuen Wan Government Secondary School
Olympiad in Informatics Team

TST 2025/26
TEAM SELECTION TEST

RULES

GENERAL

- The **2025/26 Team Selection Test** serves as the coding phrase selection for TWGSS Olympiad in Informatics (OI Team) members in the 2026/27 school year.
- **Candidates with satisfactory performance will pass and advance to the next stage of the member selection process.**
- The test will also be used as a reference for future selection of representatives in external competitions and performance evaluation.

SELECTION

- Students who receive a Gold, Silver or Bronze Medal in HKOI 2025/26 are exempted from the test and subsequent stages, and are automatically selected as members of the OI Team.
- **Other current OI Team members, 2025/26 Member Recruitment applicants and other invited students are required to participate in the test.**
- A passing score will be determined after all test sessions are completed.
- Candidates with scores higher than or equal to the passing score will advance to the next stage.
- Candidates with positive scores below the passing score may still advance to the next stage at the discretion of trainers or coaches.

FORMAT

- Candidates will take a coding practical test.
- Each candidate will receive a printed copy of the paper. The paper will also be visible on TWGSS Online Judge.
- The paper will consist of several programming problems. Each problem is divided into subtasks. Each subtask may carry different points.
- The paper will be in English and Chinese.
- **The test will be around 2 hours and 30 minutes long.** The exact duration will be announced before the start of the test sessions.
- At least one on-site test session will be held.
- Online test sessions may also be held for candidates having difficulties in attending on-site test sessions. There will be online invigilation for the online test sessions; measures including but not limited to enabling webcams or phone cameras and sharing computer screens may be required.
- **Candidates should attend exactly one of the test sessions at the given time and venue.** Without prior approval or valid reasons, absentees or latecomers may be disqualified or given a score penalty.

SYLLABUS

- The syllabus of the test will be the same as that of the HKOI Senior Group (<https://hkoi.org/competition-syllabus>).
- The syllabus serves as a guide only. If deemed appropriate, problems may involve content that is out of scope.
- **Successful implementation of the knowledge covered in the 2025/26 C++ Foundation Course Chapter 0 to 10 should be enough to pass the test.**

CODING

- Candidates should answer in C++20.
- For some selected problems, candidates might answer in other languages provided on TWGSS Online Judge, including Python 3.8.10. However, it is not guaranteed that the problems are solvable using those languages.
- Candidates may use any appropriate development software, including but not limited to the built-in code feature in TWGSS Online Judge, HKOI Online Judge “Code” feature and Visual Studio Code (excluding any extensions and features that would give unfair advantages).

SUBMISSIONS

- Candidates should submit their solution source code through TWGSS Online Judge (<https://judge.twgss.org>). The system will automatically compile the submitted source code and test the compiled programs using a set of data unknown to the candidates.
- **Unless specified in the problem, in order to score points for a subtask, candidates' programs must be correct for all test cases in that subtask.**
- Candidates will receive feedback on their submissions, including the type of error first encountered (if any) for each subtask or problem.
- A candidate may submit at most once per problem every 60 seconds, and at most 50 times per problem.

RESULTS

- A candidate's final score will be the sum of points received from all solved or partially solved subtasks. The highest score achieved in each subtask will be counted toward the final score; those scores are not necessarily from the same submission.
- Scores may be deducted from a candidate's final score as a penalty for the violation of rules.
- Candidates with higher final scores will be ranked higher.
- If two or more candidates have the same score, they will share the same rank.
- No live scoreboard will be shown for the whole duration of the test.

REFERENCES

- **Candidates are allowed to bring and use not more than 3 physical double-sided A4-size reference papers; there are no restrictions on what is printed or written on the notes.**
- Candidates may refer to cppreference.com during the test.
- Candidates may use any appropriate offline software that can be found on the computers, including but not limited to Calculator, Microsoft Excel and Microsoft Paint. However, requests regarding the lack of certain offline software may not be entertained. A software is deemed inappropriate if unfair advantages are gained by using it in solving problems.
- Candidates are not allowed to use any other resources, including but not limited to C++ Foundation Course slides, pre-written code and online search results.
- The use of any AI software is strictly prohibited during the test.

OTHERS

- During the test, candidates are allowed to seek clarification on the wording of the problems. If deemed necessary, the clarifications will be announced to all candidates. Clarifications related to the solutions would not be entertained.
- Draft papers will be provided on request.
- Time adjustments, rejudging of submissions and changes to problem statements may be announced any time before, during, or after the test prior to the announcement of the final results.
- Candidates are not allowed to use other computers and electronic devices such as mobile phones and calculators for any purpose, including calculation, visualisation, gaming, or any other non-coding activities.
- Candidates are not allowed to communicate with any persons during the test in an attempt to gain an unfair advantage.
- **Candidates should not give any hints or inform anyone about the problems and their code before the announcement of the final results.**

The organisers of the test reserve the final right to interpret and amend the above rules.