Tsuen Wan Government Secondary School

Olympiad in Informatics Team

# SDIC 2026 Heat Event

## Briefing Session

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16 September 2026

# Introduction

We all know SDIC is an abbreviation, but do you know the full name of it?

*Hong Kong Secondary Schools **S**oftware **D**evelopment **I**nvitational **C**ontest*

… why so long?

~~It's actually a reminder for you to use long long!~~

Do you know who chut the paper of SDIC?

**CCF!**

(China Computer Federation 中国计算机学会)

# Competition Format

**Heat Event**

- 2 hours
- Written test
- Multiple choice, True and False

**Final Event**

- 4 hours (Senior); 3.5 hours (Junior)
- Practical test
- Scoring by case
- Select last submission only

# Paper Format

| | Section | Format | Points |
|---|---|---|---|
| I | Multiple Choice<br>×15 | Multiple Choice<br>2 pts each | 30 |
| II | Code Reading<br>×3, each with some TF/MCs | True or False<br>1.5 pts each, unless specified<br><br>Multiple Choice<br>3 pts each, unless specified | 40 |
| III | Complete the Program<br>×2, each with 5 MCs | Multiple Choice<br>3 pts each | 30 |
| | | Total | 100 |

# Competition Strategy

Section I Multiple Choice

This part consists of mostly OI basics (algorithms), C++ language properties and some Linux questions.

In average, you should have around 2 minutes per question in this part.

However, you can finish most of this part's questions quite fast as they are just asking if you have that specific knowledge or not.

But some questions (especially the Maths, graph ones) requires some more thinking which may takes some more time. **Just remember don't waste time on it if you are not sure that you can do it correctly in 3-4 minutes, just skip them.**

# Competition Strategy

## Section II Code Reading

Each problem is this part will give you a mysterious-looking code and tell you to complete some TF/MC questions.

The code is usually “doing something” (implementing an algorithm), which you can actually have an idea from the TF/MC choices if you are lucky.

# Competition Strategy

## Section II Code Reading

In average, you should have around 15 minutes for each problem.

Note that the problems are NOT arranged in difficulties, so do skim through all of them and work on the one you are more confident on first.

For some questions that you have completely no idea, you can make use of some MC skills:

There usually are some ridiculously wrong choices that stand out, eliminate them first.

Then ~~test your luck~~ by choosing the best-looking one remaining.

# Competition Strategy

Section II　　Code Reading

One minor (but important) reminder:

**Please use ✓ and ✗ instead of T and F for True or False questions!**

Square root?

判断题（填√或×）

| 16) | 17) | 18) |
| --- | --- | --- |
| | | |

# Competition Strategy

## Section III Complete the Program

For each problem, there would be a text statement telling you what the program is going to do. Then an unfinished code with some blanks is provided to you.

The four choices in each question would be extremely similar apart from the `+1`, `-1`, `>`, `>=`, `<`, `<=`, `==`, `!=`, etc.

In average, you have around 18 minutes for each problem. So keep calm and try to analyse other parts of the code and make your best guess.

# Difficulties and Preparation

The paper is not easy nor difficult (usually).

However, one main difficulty is that all terms are in Simplified Chinese,

the other difficulty is that you guys lack general knowledge...

To get prepared (臨急抱佛腳), maybe take a look at the past questions and maybe throw them to AI to explain the answers for you.

That *may* help you to learn some more knowledge and maybe useful when you do the paper.

Past Papers **https://hkoi.org/zh/cspjs-past-problems**

# Finalists

“

如進階級初賽實際參賽人數(不計缺席者)為 n ，則分數線為該組別第 min(40, [0.4n]) 名的分數，以下參賽者可獲參加決賽資格:
A類: 得分在分數線或以上之選手
B類: 得分在分數線以下，且在中國計算機學會指定的分數線或以上，由分數高至低選擇若干名選手，直至 A+B 類總人數為 min(64, [0.75n])，每間學校 B 類名額只限三名。

如基礎級初賽實際參賽人數(不計缺席者)為 n ，則分數線為該組別第 min(24, [0.4n]) 名的分數，以下參賽者可獲參加決賽資格:
A類: 得分在分數線或以上之選手
B類: 得分在分數線以下，且在中國計算機學會指定的分數線或以上，由分數高至低選擇若干名選手，直至 A+B 類總人數為 min(40, [0.75n])，每間學校 B 類名額只限兩名。

B類同校同分時按報名優先次序選擇，不同校同分時同時出線。如有B類選手退出，可由該校後備選手補上，後備選手為每間學校出線選手以外最高分之一人，惟其得分須不低於原出線名單中之最低分數。

”

Note that Band B / Backup is determined by other team members.

Stronger members please try to get Band A and leave more Band B quotas to other members!

# Past Cut-offs

| | Senior | | Junior | |
|---|---|---|---|---|
| | **Band A** | **Band B / Backup** | **Band A** | **Band B / Backup** |
| **2025** | 66.5 | 51 | 70 | 60.5 |
| **2024** | *Cancelled* | | 87 | 80 |
| **2023** | 63.5 | 41.5 | 75.5 | 66.5 |
| **2022** | 65 | 34 | 74.5 | 61.5 |
| **2021** | 57 | 39 | 57 | 45.5 |
| **2020** | 58.5 | 34 | 64 | 44 |

Note that Junior paper should be technically much easier than Senior.

However, CCF is weird, it may not be the case every year. So just maintain a good mindset when doing the paper and don't always think that you've f... screwed up! (Despite there's a high chance that is true...)

# Competition Day Arrangements

**19 September** 2026 (**Saturday**)

**Senior 13:25**

**Junior 08:25**

Gather at **CUHK entrance**

(passing the gate from University Station Exit A)

Bring **HKID Card**, **Student Card**, **Team Jacket**, pencil, eraser

# Competition Day Arrangements

***DO NOT***

**ABSENT**

OR

**BE LATE**

OR

**MISSING THINGS REQUIRED**

***OTHERWISE PAY $80***