



# SW Programming Competency Test



Introduces changed test configuration and operational policies.

Please carefully review and prepare policies that apply from 2017!

## Test Configuration

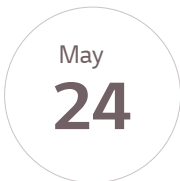
- The exam is practical test only without written test.
- You can choose your most confident language each problems in the test(C or C++ or Java).
- You make a coding/build/code submit in the Web(Don't use IDE–VS, Eclipse, Edit Plus and so on).
- Don't support debug program on the new web platform.

Test area	Explanation		Number of Problems	Score	Total Time
Code Understanding	definition	Identify existing code, identify program semantics, identify language idiom or code patterns	1	10	09:00 ~ 12:30 (3.5hr)
	Component	-Understand programming languages -Understand idiom, patterns and module abstraction			
Problem Solving	definition	Utilizing data structures to derive optimal algorithms, solutions that meet accuracy and efficiency	2	60	
	Component	-Problem definition, reuse of SW modules -Understand/use Data structures -Understand/use algorithms.			
Defect Preventing	definition	Identify / deal with the potential risks of the solution and the risks of the language	1	10	
	Component	-Identify language characteristics -Screening / handling exception conditions -Static analysis			
Test	definition	Efficient and effective verification that all situations that may arise work for purpose	1	20	
	Component	-Test design -Identify the cause of the defect -Test Coverage setting -test of code level			

## Test policies

The acceptance criteria	More than 70 score
Under 40 score	Can not take the next test only once.
Absent	Can not take the next test only once.
Test schedule	2017/6/24(2 <sup>nd</sup> ), 2017/10/28(4 <sup>th</sup> )

## Next promotional schedule



- Sample Quiz(Problems of 1<sup>st</sup> Test)
- Open the test environment for practice



- Confirmation of candidates for test

## FAQ

Q1

What happens to partially admitted person(only practical test pass/ only written test pass) from previous exams?

Partial acceptance is not acceptable. You need to retake.

Q2

Can I take advantage of Internet search during testing?

The use of the Internet is prohibited. Using of e-mail / instant messenger may cause discomfort.

Q4

Is it different from the existing one? Do I have to pass the test again?

This is the same test, only the configuration and form of the test has changed. You do not have to retake the successful candidate. If you want to take a test, it is possible.

Q5

In the final 4th test of last year, it was less than average 40. Is it possible to take 1<sup>st</sup> test in 2017?

If the average score is less than 40 points from 2017, it is a one-time application limit. Therefore, it is not possible to take the 1<sup>st</sup> test in 2017 and it is possible to take the examination from the 2<sup>nd</sup> test. Also, if you are in the 3<sup>rd</sup> test in 2016, you will be able to take the test from 1<sup>st</sup> test in 2017.