



3RD SOUTHEAST ASIA - CHINA EDUCATION RESEARCH NETWORK (SEA-CERN) MEETING

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**Policies, Practices
and Challenges of
National University
Admission**



Contents:

- ❖ **The Education System**
 - **Basic and Vocational Education**
 - **Vocational Education (Post Secondary Non Tertiary Education)**
 - **Higher Education**
- ❖ **Administrative Organization Structure**
- ❖ **University Admissions in Thailand (1961-2016)**
 - **Direct Admissions and Entrance System (1961-1999)**
 - **University Quota System (1973-2016)**
 - **Central University Admission System (2000-2016)**
 - **Admission System (2000-2005)**
 - **Admission System (2006-2009)**
 - **Admission System (2010-2016)**
- ❖ **Admissions to Higher Education: Regional Challenges**

Periods	Educational Development Activities
1961-1971	<ul style="list-style-type: none"> • HR. Development • Compulsory Education (7 yrs.)
1972-1991	<ul style="list-style-type: none"> • Extension of Compulsory Education from 7 to 9 yrs. • Adult/Welfare Education • Private Education Promotion
1992-2005	<ul style="list-style-type: none"> • Promotion for Linkage between Education Institutions and Enterprise • New Curriculum on Student Centered • Decentralizing the responsibilities of Education at provincial Level.
2006-2016	<ul style="list-style-type: none"> • University Organization Networking • Reorganization on Central Admission and Standardization

Thai Formal Education System (Basic Education)

Basic Education: ISCED 2011

Level Name	Level	Group	Sub Group	Details
Early Childhood Education (4-6 yrs.)	0	01	010	Early childhood Education Development
		02	020	Pre-Primary Education
Primary Education (7-12 yrs.)	1	10	100	Prathom Suksa 1-6
Secondary Education Lower Secondary (13-15 yrs.)	2	24 General Education	244	(Mathayom 1-3) Sufficient for level completion, without direct access to upper secondary education.
Upper Secondary (14-18 yrs.)	3	34 General Education	344	(Mathyom 4-6) Sufficient for partial completion, without direct access to tertiary education.
		35 Vocational Education	354	Sufficient for partial completion, without direct access to tertiary education.

*ISCED: International Standard Classification of Education adopted by UNESCO

Vocational Education (Post Secondary Non Tertiary Education) Thai Formal Education System (Post Secondary Non Tertiary Education)

Post Secondary Non Tertiary Education : ISCED 2011

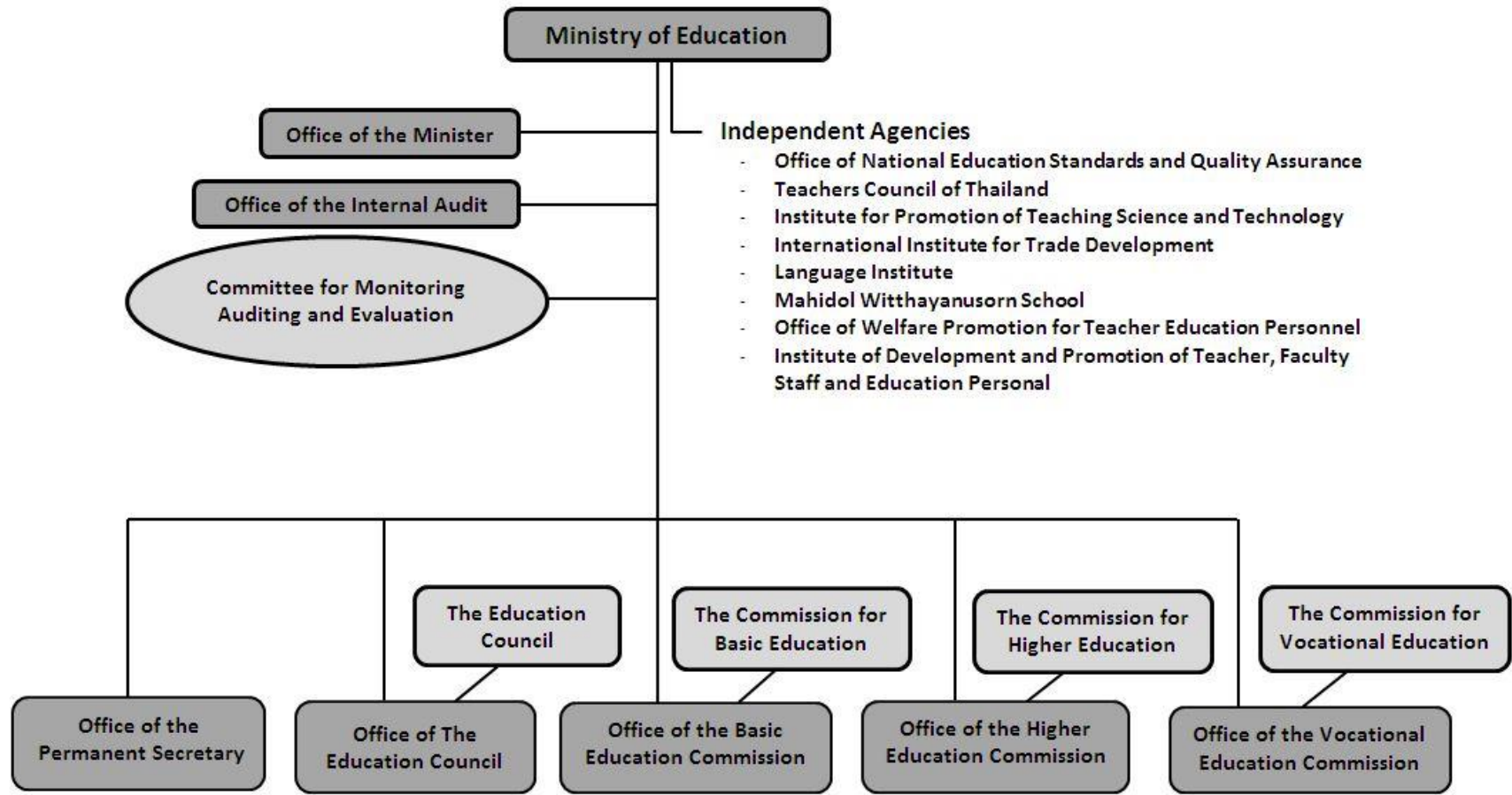
Level Name	Level	Group	Sub Group	Details
Vocational Education	4	44	453	Sufficient for partial completion, without direct access to tertiary education. (1-2 yrs.)

Thai Formal education System (Higher Education)

Higher Education: ISCED 2011

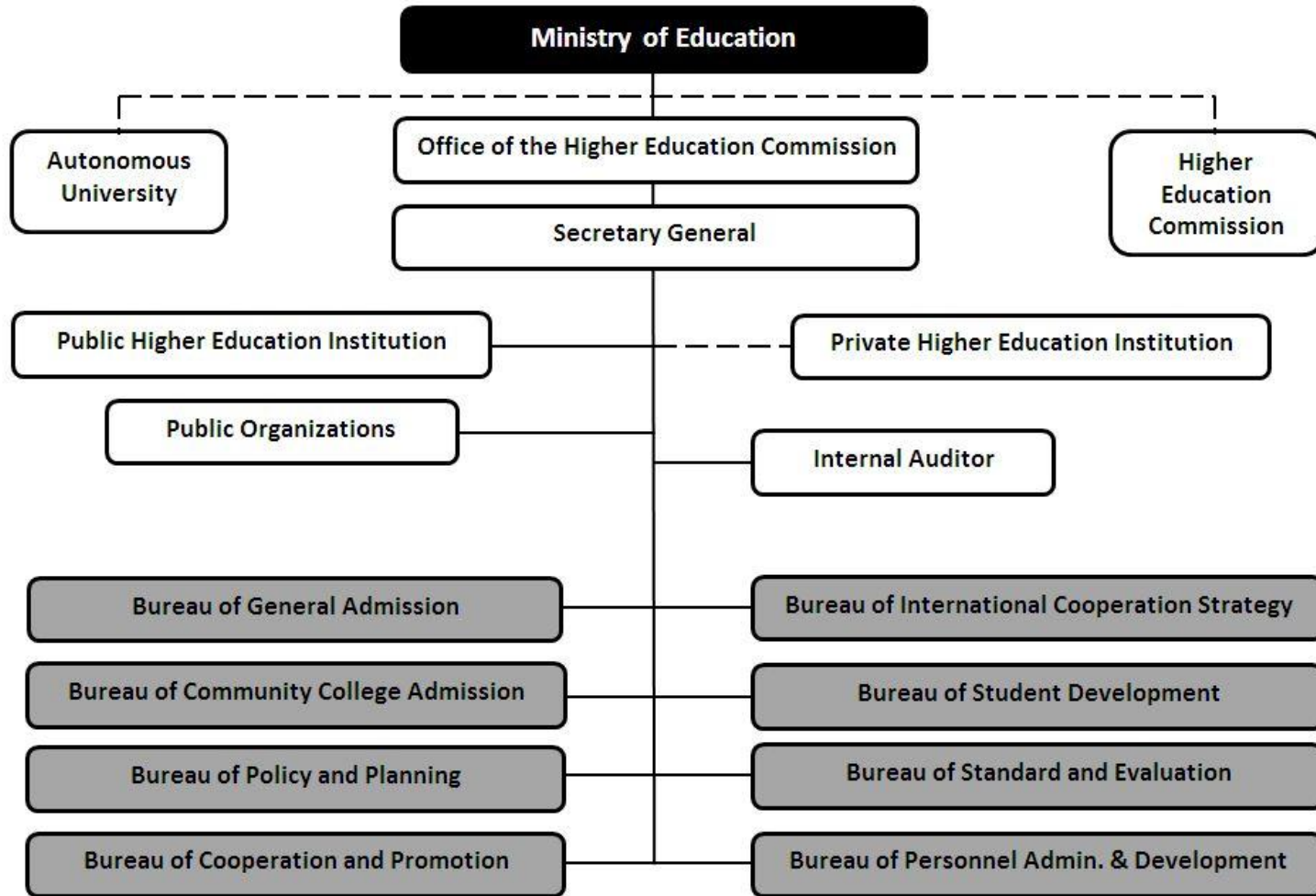
Level Name	Level	Group	Sub Group	Details
Short Cycle Tertiary Education (At least 2 years)	5	54 General Education	541	Insufficient for level completion
			544	Sufficient for level completion
		55 Vocational Education	551	Insufficient for level completion
			554	Sufficient for level completion
Bachelor's or Equivalent level	6	66 Orientation Unspecified	661	Insufficient for level completion
			665	First Degree (3-4 years)
Master's or Equivalent level	7	76 Orientation Unspecified	766	Long first degree
			767	Second of further degree (following a Bachelor's or Equivalent program)
Doctor or Equivalent level	8	86 Orientation Unspecified	861	Insufficient for level completion
			864	Sufficient for completion of level

Figure 1: The Administrative Structure of Education in Thailand



Source : Education in Thailand 2007, Office of the Education Council,2007.

OHEC Organization Chart



University Admissions in Thailand

- *4 Stake Holders :**
- **Government/Policies**
 - **University/Faculties**
 - **Schools/Secondary**
 - **Students**

University Admission Systems (1961-2016)

**2.1 Direct Admissions and Entrance System
(1961-1999)**

2.2 University Quota System (1973-2016)

**2.3 Central University Admission System
(2000-2016)**

2.3.1 Admission System (2000-2005)/CUAS1

2.3.2 Admission System (2006-2009)/CUAS2

2.3.3 Admission System (2010-2016)/CUAS3

Number of HEI'S and Admission System

Years	No. of Higher Educational Institutions	Admission System
1960	12	Direct Admissions*
1966	17	Entrance Exam.
1971	21	Univ. Quota Syst.
1982	26	
2000	73	CUAS1
2005	136	CUAS2
2009	150	CUAS3
2016	170	

*(1960-2016)

Direct Admissions and Entrance Examination (1961-1999)

Academic Years	No. of Higher Education Institutions			Remarks
	Total	Direct Admission	Central Entrance Examination	
1961	5	3	2	Not Include : 1) Vocational Institutes 2) Private Universities
1962-1965	7	-	7	
1966	7	7	-	
1967-1972	8	-	8	
1973-1982	11	11	11	
1983-2000	52	52	23	

Admissions' Criteria :

Direct and Entrance Exam. (1961-1999)

Periods	Clusters	
	Science	Liberal Arts
1961-1972	Mathematics, Physics, Chemistry, Biology English	Thai Language, English, Social Science, Mathematics
1973-1999	(As above) + Thai Language	(As above) + General Science

Admissions' Criteria : University Quota System (1973-2016)

- **The Quota System are organized separately in each region.**
- **The Examinations cover both clusters in Science and Liberal Arts as the Entrance System**

Central Univ. Admission System : CUAS (2000-2005)

- Entrance System (40 yrs. : 1961-1999) → CUAS (2000-2005)
- Opening more access for students to
Proficiency Exam (2 times : October, March) 90%
- Combining Percent to Rank from School 10%
- Total 100%

Results of operations in such formats showed that students have more stress due to their commitment to take all both two test (which is unnecessary). More, schools need to accelerate their courses to finish faster, which adversely affect the normal teaching.

Central Univ. Admission System : CUAS (2006-2009)

- **2005, The NIETS provided the Standard Test (O-NET) to Curriculum Covered all primary + Secondary Level.**
- **2006, The CUPT announced to use ONET Result in the admission System.**

The Criteria considered in the Central University Admission System (2006-2009) :

1. grade point average throughout the course of high school	
a. or equivalent (GPAX)	10%
2. grade point average throughout high school curriculum	
a. based learning (GPA) 3-5 subjects groups of eight groups	20%
3. Results of the O-NET (3-5 subjects groups)	35-70%
4. The results of the A-NET and / or specific subjects for the study included not more than 3 subjects	0-35%
Total	100%

The Ordinary National Educational Test (ONET)

The Ordinary National Educational test or O-Net is a measure of the knowledge learned in the upper secondary Level.

Subjects Group

Fields

- 01 Thai language
- 02 Mathematics
- 03 Science
- 04 Social studies, Religion and Culture
- 05 English
- 06 Health and Physical Study
- 07 Art
- 08 Career and Technology

The Advanced National Educational Test (ANET)

- more degree of difficulty and complexity than O-NET Test.
- Students can apply for the ANET test as many times if they need. The result of the Test will be available for a period of three years.
- The subjects at the A-NET Test are :

Subjects Group

Details

- | | |
|------|----------------------------------|
| • 11 | Thai language |
| • 12 | social, religious and cultural 2 |
| • 13 | English 2 |
| • 14 | Math 2 |
| • 15 | Science 2 |

The Advanced National Educational Test (ANET)

Specific Subjects

The Specific Subjects Test is divided into two categories.

Foreign Languages

Subjects

- 31
- 32
- 33
- 34
- 35
- 36

Details

French
German
Pali
Arabic
Chinese
Japanese

The Advanced National Educational Test (ANET)

Specific Aptitude Test

Disciplines

- 37
- 38
- 39
- 40
- 41
- 42
- 43
- 44
- 45
- 46
- 47

Details

engineering aptitude (Basic Engineering)
Aptitude architecture
teacher professional aptitude
knowledge and aptitude for art.
theory, visual arts
visual arts practice
Theory of Creative Arts.
Practice Medicine
drawing
elements art
Aptitude Visual Communication.

Central University Admission System : CUAS 2010-2016

I 1st Track : Central Admission

In 2010, The CUPT replace new indicators to the Univ. Admission System. The System focus on.

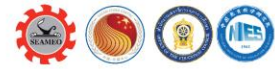
1. Reducing the school class abandonment of students.
2. Using the Aptitude Test for admission to universities in their field of expertise, rather than measuring the ability of students through the entrance examination.
3. Promote the use of common standard test to replace the individual direct admission test in universities.
4. Reduce the stress of the students in taking examination in different direct admission.



Central Admission (CUAS) Criteria (2010-2016) : 1st Track

1. GPAX	20% (on upper secondary education (3 years))
2. O-NET** (8 subject groups)	30%
3. GAT (General Aptitude Test)	10-50% (50% of the GAT is English)
4. PAT (Professional Aptitude Test)	0-40%
Total	100%

****Starting from the academic year 2015, the ONET-Test in “Health education, Arts and Career” has been operated independently by school. The ONET’s result used in Admission System reminded in 5 subject groups with the same weights (30%)**



Central University Admission System : CUAS (2010-2016)

II 2nd Track : Health Science Group Admission System :

- **Subjects based qualification (Advanced Level) :**

- Thai language
- English
- Mathematic1 (Cluster in Sc.)
- Mathematic2 (Cluster in Liberal Arts)
- Physic
- Chemistry
- Biology
- General Science (Cluster in Liberal Arts)

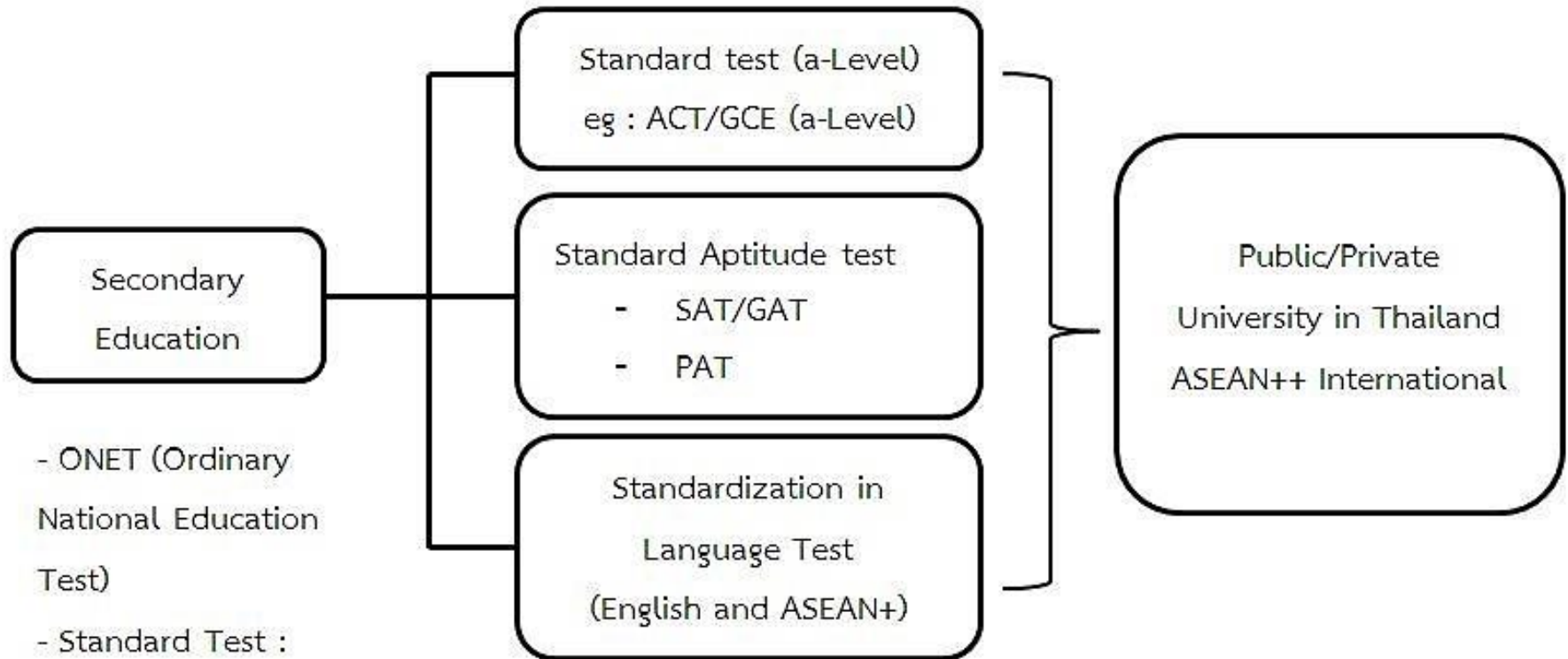
The GAT - PAT system

GAT : General Aptitude Test

PAT : Professional Aptitude Test in :

- **PAT 1 Mathematics**
- **PAT 2 Science.**
- **PAT 3 engineering.**
- **PAT 4 Architecture.**
- **PAT 5 Education**
- **PAT 6 Fine Arts**
- **PAT 7 French**
- **PAT 7 German**
- **PAT 7 Chinese**
- **PAT 7 Japanese**
- **PAT 7 Pali**
- **PAT 7 Arabic**
- ***PAT 7 Korean is planned to open in 2017**

Admission to Higher Education : Regional Challenges



- ONET (Ordinary National Education Test)
- Standard Test :
- GCE : General Certificate of Education o-level or

Development Trend of Thai University Admission

Regional Challenges : International Standard for Upper Secondary Level Education

- **The completion result on upper secondary level is required for continuation on higher education.**
- **The difference in the quality of teaching and learning in high school existed between schools in urban and rural or remote area posed a problem of non standardized grade point average. And unequal accessibility to higher education.**
- **To solve such problems, the Ministry of Education assigned the National Institute of Educational Testing Service(NIETS) to posing a standard assessment which is generally known as ONET(Ordinary National Education Test).**
- **The Council of University President of Thailand(CUPT) agreed to use the result of ONET in the Central University Admission System.**
- **It's necessary that the ONET test should be standardized equivalent to other International Standard test. (e. g; The CGE (o-Level)).**
- **Developing a benchmark study in high school is a key issue in the development of educational standards for the learning of students in Basic Education and Higher Education.**

Central Standard Examination

- **The current central examination authorized by the CUPT. It was classified into two main groups. The first one is content-base test covering both Science and Liberal Arts Education. The second one concerned the aptitude test for different Majors of study in universities.**

Some International Program has set up their own admission criteria. Most of them required International Standard Test such as SAT / ACT / CGE (a-level)/GRE

Standard Test applied to US college and University as an international student

***SAT : Scholastic Aptitude (Assessment) Test, apply to a US college as university. (Test in Mathematics and Verbal Skills)**

***ACT : American College Test (ACT) is a standardized Test to determine a high school Graduate's preparation for college level work. (Test in English, Mathematics, Reading and Science reasoning)**

***GCE : General Certificate of Education (GCE) is the standard measure for the Scottish education system (England, Wales, Common Wealth Counties)**

- GCE (O-Level) is a standard measures upon the secondary education level

- GCE (a-Level) is an entry qualification for Undergrad level

***GRE : Graduate Record Exam (GRE) for Graduate Studies Level**

- GRE (General) : Test in Verbal, Qualitative and Analytical Skills.

It's necessary for Thailand to:

- develop the central standard examination test equivalent to the international standard in order to support student mobility both at the Regional and International level.

- having a clear information on the education system in ASEAN and ASEAN++ countries in order to support the educational linkage among Educational Institutions in ASEAN/ASEAN++

Developing standards criteria on Thai language Studies and Test in order to use as a standard tool in teaching and learning.

Eg: 1) TOEFL/IELTS:

Standard Test for English Language.

2) HSK (Hanyu Shuiping Kaoshi):

Standard test for Mandarin Chinese.

3) JLPT (Japanese Language Proficiency Test):

Standard Test for Japanese Language.

Thank you For Your Attention

