

BANGLADESH SOCIETY OF MEDICINE

Topic: Our exams and evaluation system



**PRESENTED BY :
AMIN FAIAD ALI AYON
POPULAR MEDICAL COLLEGE
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Our exams and evaluation system

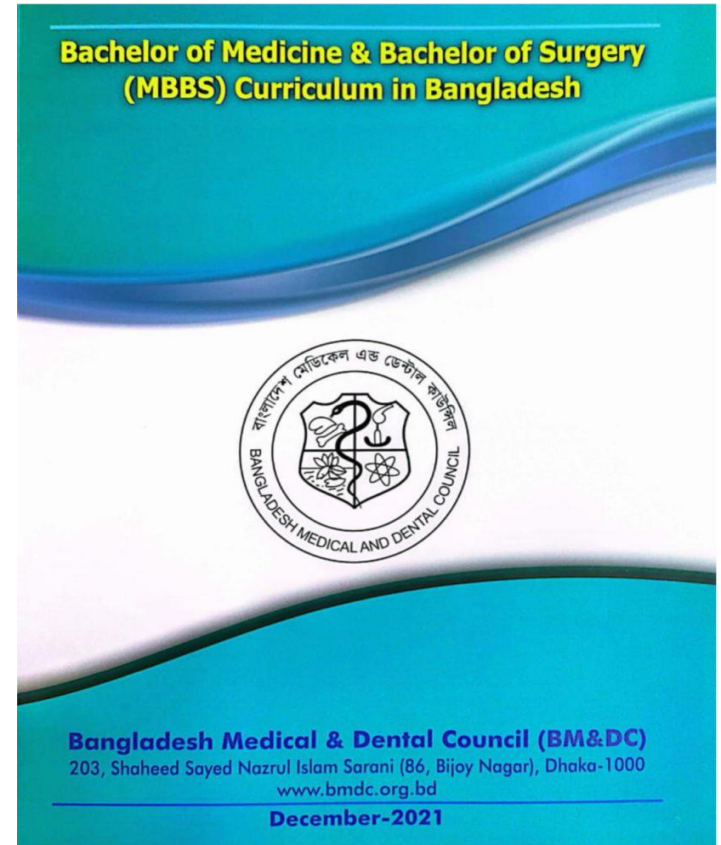
History

- ❖ Undergraduate medical education in Bangladesh began in 1948 with the establishment of Dhaka Medical College.
- ❖ Our medical curriculum, following a UK-based model, started in 1988 with subsequent revisions in 2002, 2012, and 2021.
- ❖ However, *standardization remains a challenge.*

Our exams and evaluation system

Evaluation of Curriculum

- ❖ Written
- ❖ Oral
- ❖ Practical
- ❖ Bedside Examination (clinical)



Written

❖ MCQ/ SBA & SAQ Section.

❖ Theoretical Questions.

University of Dhaka Third Professional MBBS Examination November 2023 held in December 2023 Subject: Pathology Short Answer Question (SAQ) Full Marks: 70 Time: 2 hours 30 minutes Answer any four (4) questions from each group including question 5, which is compulsory Use separate answer script for each group.		
GROUP -A		
Q.No.1	Define necrosis. Write down the differences between necrosis and apoptosis. Why inflammation is occurs in necrosis explains?	1+3+1
Q.No.2	What are the cellular events of acute inflammation? Write down in short about the steps of phagocytosis. Give the role of oxygen in microbial killing during phagocytosis.	1.5+1.5+2
Q.No.3	Enumerate the name of oncogenic viruses with examples of each associated tumorous lesion. How will you proceed to investigate a tumour in the laboratory? What are the utility of tumour marker?	2+2+1
Q.No.4	Write short notes on: a) Barr body b) Virchow's triad	2.5+2.5
Q.No.5	A female of 15 years giving history of primary amenorrhoea, short stature and poorly developed secondary sexual characteristics. What is the likely diagnosis? How will you confirm it? <i>Thel</i>	1.5+1
GROUP-B		
Q.No.1	Write down the morphological classification of anemia with each example. How will you investigate a case of iron deficiency anaemia in the laboratory?	2+3
Q.No.2	What are the causes of gum bleeding? Mention the screening tests of bleeding diathesis with their interpretation. Why APTT is prolonged in Haemophilia explains?	2+2+1
Q.No.3	What is paraproteinaemia? How will you diagnose a case of multiple myeloma? Why ESR is sky high in multiple myeloma explains?	1+3+1
Q.No.4	Write short notes on: a) Leukaemoid reaction b) Coombs' test.	2.5+2.5
Q.No.5	A girl of 4 years of age has presented with flat facial profile and hepatosplenomegaly. She had a history of repeated blood transfusion. X-ray skull shows hair-on-end appearance. What is your probable diagnosis? How will you confirm it in the laboratory? <i>Thel</i>	1.5+1

Written (our expectations)

- - ❖ Incorporate more SBA (Single Best Answer) and multiple-choice questions.
 - ❖ Integrate real-world scenarios and case-based assessments.
 - ❖ Evaluate clinical reasoning and practical skills.

VIVA

- ❖ **Assessment of individuals.**
- ❖ **Evaluating knowledge.**
- ❖ **Communication Skills.**



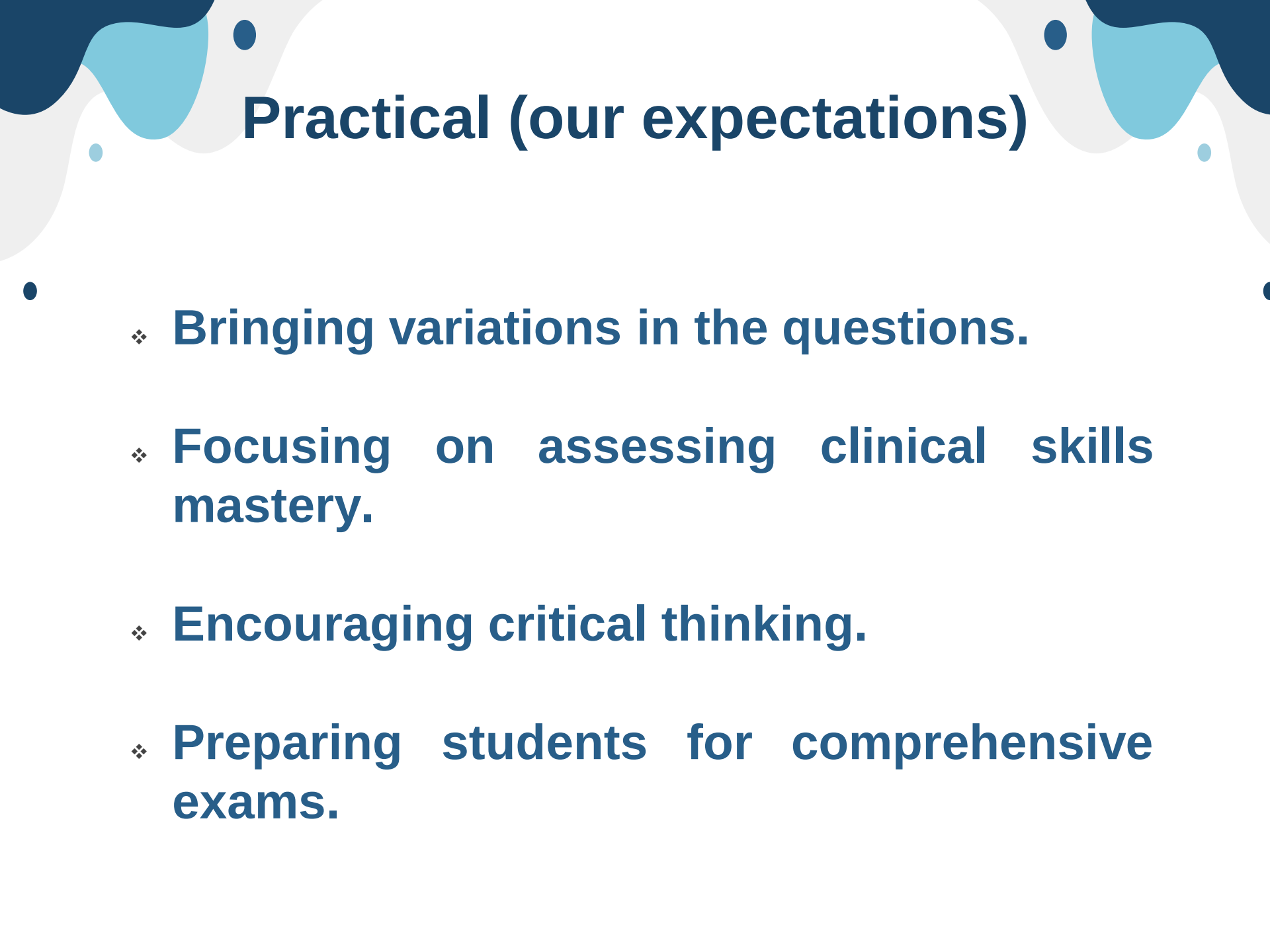
VIVA (our expectations)

- ❖ Fair, reliable, and unbiased assessment.
- ❖ Using Structured Oral Examinations (SOE).

Practical

- ❖ **OSPE.**

- ❖ **Traditional.**

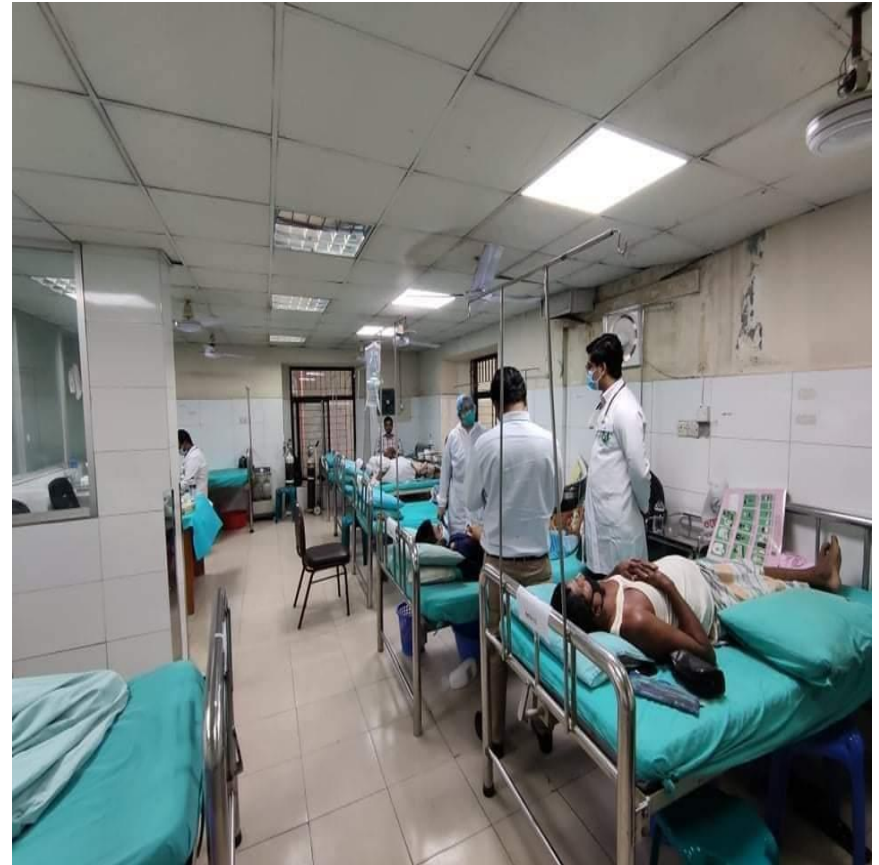


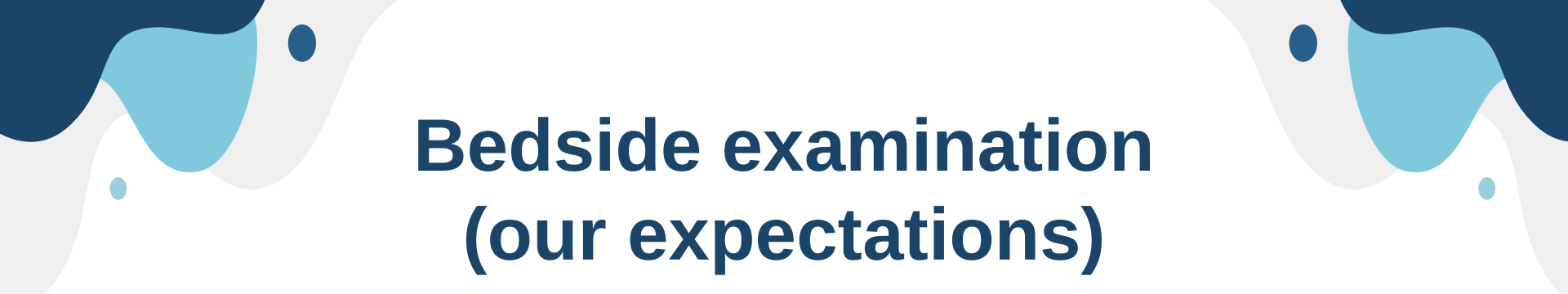
Practical (our expectations)

- ❖ **Bringing variations in the questions.**
- ❖ **Focusing on assessing clinical skills mastery.**
- ❖ **Encouraging critical thinking.**
- ❖ **Preparing students for comprehensive exams.**

Bedside examination

- ❖ **History of Patients.**
- ❖ **Examinations.**
- ❖ **Short Case.**
- ❖ **Long Case.**





Bedside examination (our expectations)

- ❖ **Include standardized scenarios of common clinical cases.**
- ❖ **Structured assessment forms.**

Continued....

- ❖ **Assignments and presentations.**
- ❖ **Feedback on tests quickly about evaluation.**
- ❖ **Increase weightage of formative assessment.**

Continued....

- ❖ **Utilize technology for exam administration, grading, and feedback.**
- ❖ **Using online platforms and tech tools.**

Global Platform of Medical Exams



MRCPUK

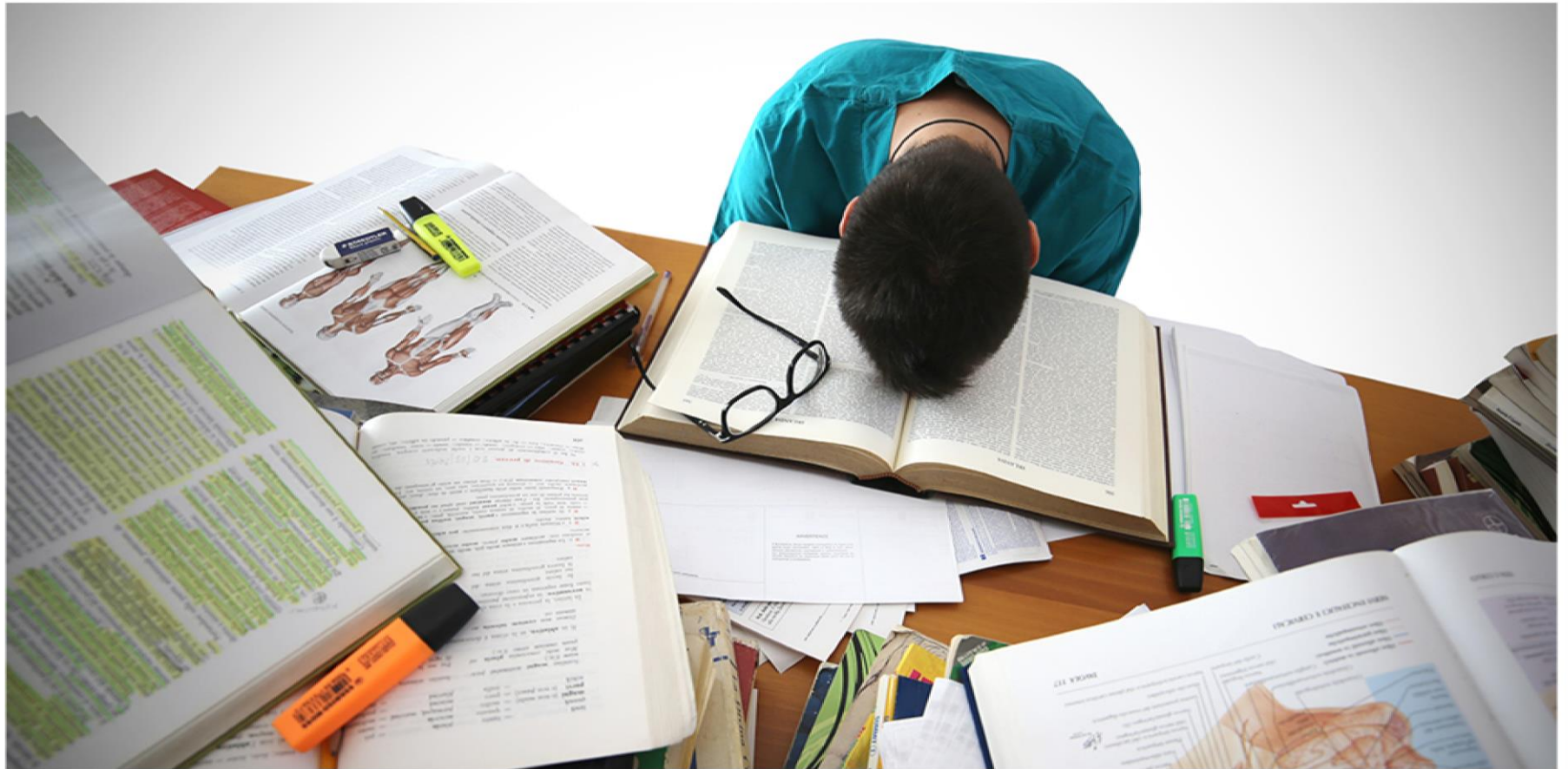
Membership of the Royal Colleges of Physicians of the United Kingdom



Global platform

- ❖ **Emphasize hands-on training and simulation exercises.**
- ❖ **Adopting from memory based knowledge to skill based competency.**
- ❖ **Integrating competency based system.**

Mental Health



Conclusion

- ❖ **Further improvement of the evaluation system.**
- ❖ **Competing with the international system.**
- ❖ **Constant review & research.**



THANK YOU!