

Part I: The aims of mathematics entrance exam are as follows.

1. Test the candidates' mathematical knowledge and skills which are covered in Junior High School.
 2. Test the candidates' ability applying mathematical knowledge and skills to solve real world problems.
 3. Test the candidates' understanding of the principles and nature of mathematics.
- The candidates need to understand why they learn mathematics. Essentially, for three reasons: calculation, application and inspiration.

Part II: Based on above aims, the contents of mathematics entrance exam are as follows.

1. All the mathematical materials which the candidates have learned in Junior High School.
2. Reading materials which are not covered in Junior High School will be provided in the entrance exam. The candidates are required to answer questions according to it. This is to test the candidates' active learning ability.

Part III: Types of questions.

1. Filled-in questions
2. Free-response questions

Note: This is a full English exam. Dictionary is NOT allowed in mathematics entrance exam. Mathematical terminologies will be translated into Chinese.