GUIDELINES

THE ORAL EXAMINATION will consist of three questions (randomly chosen)

Here is the material to be considered.

https://studfile.net/preview/5610729/

The first question: Phuong 's English for mathematics plus presentation (especially, the assignment 1-related files)

The second question: Rumyantseva's English for mathematics (especially, the assignment 2- related files).

http://lingvo.onu.edu.ua/wp-content/uploads/2015/11/English-for-mathematicians-O.A.-Rumyantseva1.pdf

The third question: assignment 3-related files.

You will, by random, pick up a piece of texts in Serbian. It will be comparatively short. Your task will be to translate them into English and read the translation in a correct manner.. As to material, please consider the assignment-related files.

The first question: https://studfile.net/preview/5610729/

1. Freund's system of natural numbers (Unit 2) 10 pts

2. Inequalities

3. Points and lines

4. The Pythagorean property

5. Mathematical signs and symbols

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7. Ratio and proportion

8. History of the term 'ellipse', 'hyperbola', 'parabola'

9. Probability of occurrence

10. Topology

11. Fermat's last theorem.

12. Arithmetic operations

The second question. Material: http://lingvo.onu.edu.ua/wp-content/uploads/2015/11/English-for-mathematicians-O.A.-Rumyantseva1.pdf

(10 pts)

1. Main branches of mathematical analysis (Uniut 2, Rumyantseva's book).

2. Real numbers (Unit 3 and 4)

3. Integers

4. Archimedean property

5. Series

6. Differential of a function

7. Continuous function

8. Functions

9. Integrals

10. Improper integrals

11. Vector calculus

12. Vector field

The third question: you will pick out a text in   Serbian and be asked to translate it into English. (material: the first six presentations, assignment-three related files)

(10 pts).

When it comes to the first two questions, you are supposed to be aware of the words and synonyms given in the list below each lesson respectively. The textbook's lessons are necessary to be learnt by heart neither to be reproduced in a word- by-word manner. The focus is to ENGAGE all the listed words into discourse and thus be ready to discuss about them. Each lesson thus serves rather as a prop. However, you are supposed to **know all the words** used in each lesson respectively. Do not worry: you are not supposed to tell everything in an instant. In case you get stuck in the middle of speech, I will ask a sub-question, then another subquestions etc.

I may take liberty to ask you about a mathematical and non mathematical contexts of specific words. You are expected to

a) Pronounce correctly the names of famous mathematicians (Euclid, Archimedes): generally, to display a good and decent degree of pronunciation – in contrast to the first semester, that is now the requirement.

b) To use ACADEMIC ENGLISH (and not informal language, or slang: thus, take care of putting S in the third person singular, and speak slower if necessary but in a grammatically correct manner. Do not use expressions: such as: you know, so, I mean, etc.