

45 minutes are available

INSTRUCTIONS:

- 1) Blank A4 paper sheets are needed. Use a dark (blue or black) pen. (For drawings, if needed, you can use a dark pencil.)
- 2) Prepare your answers in handwritten form on separate pages for each question. Make sure that your handwriting is readable.
- 3) Write your name and code and the Nr. of question on each page. You don't have to repeat the question!
- 4) When finished, you must scan or photograph all the pages. The highest resolution quality is preferred.

Please don't send me separate photos as separate files!

One single PDF file is to be submitted by email! (Only to my gmail, no Teams, pls!)

The single PDF file must have a given name: "3rd-retake-NAME(CODE).pdf"

5) Submission: one single PDF file is to be submitted by email to "sudajenomiklos@gmail.com"

6) Only short text in the email subject is needed = "3rd-retake, NAME, CODE"

7) Submission deadline: **19:30h** (4th of May 2021, TUE)

3rd RETAKE QUESTIONS:

Nr.	Questions	maximum available points
1.	Give a general overview of the adsorption process to treat polluted gas streams	4 points
2.	Give a general overview of the chemical waste gas treatment (combustion).	4 points
3.	List and explain the standpoints to select the absorbent for absorption, explain their roles.	2 points
4.	Give a general description of the absorbers and characterize them.	2 points
5.	Using schematic figures illustrate and explain the possibilities of heat recovery in chemical waste gas treatment.	4 points
		Σ max.16 points