

## e-tivity: Human or AI? – Comparing Separation Processes

**Objective:** Deepen understanding of separation processes (absorption, adsorption, distillation, extraction), practice answering exam-oriented questions, and develop a critical awareness of AI-generated content.

**Task/Action:** Important - for this task, you must first work offline on your own device. Only afterwards should you post in the forum.

- Select one question from the question pool in the forum (each question has its own thread).
- First, answer the question in your own words (4–6 sentences) (e.g. in a Word document).
- Submit the same question to an AI tool (e.g. Academic AI, ChatGPT, Copilot, Gemini) and generate an AI-based answer.
- Reflect individually (e.g. in a Word document):
  - Where do the two answers agree?
  - Where is the AI helpful or inaccurate?
  - What are the strengths of your own answer?
- Post one of the two answers (either yours or the AI-generated one) in the appropriate forum thread without indicating whether it was written by a human or generated by AI.

### Response/Interaction:

- Read the contributions of your peers in the selected thread.
- In at least one post, try to identify whether the answer is AI-generated or human-written.
- Justify your judgement (e.g. linguistic smoothness, depth of argumentation, reference to course content, missing examples, etc.) and initiate a discussion using the reply function directly under the post.

**Resolution (after the deadline only):** After the contribution has been discussed — and strictly after the deadline — post a reply to your own contribution revealing the solution:

- Which version was your own answer, and which was generated by AI.
- Attach both versions.

**Guidance:** When writing your own answer, orient yourself towards the criteria relevant for the exam:

- clear structure,
- correct technical terminology,
- examples from the course.

Hints for analysing AI-generated texts: pay attention to overly general statements, repetitions, formulations that sound “too perfect”.

Use the discussion as an opportunity to learn from one another and to place AI critically as a tool, not an authority.