

**Subject:** Sabrina khalid Ismail (5100-B3-3F25;Introduktion til diskret matematik og algoritmer) just sent you a message in Canvas.

**From:** Sabrina khalid Ismail <notifications@instructure.com>

**Date:** 2025-05-25, 19:19

**To:** jn@di.ku.dk

### Reevaluation

Dear professors

I have carefully reviewed both the grading guidelines and the solutions provided on Absalon, as requested. I believe there may have been an error in the grading of my exam, and I would like to request a re-evaluation because

For Problem 3a, my solution is fully correct and matches the answer. According to the grading guidelines, this should give full credit 30 points.

For Problem 3b, up to the base case, my answer is correct and follows the expected approach until that point, as shown in the solutions. While I may have made mistakes in later parts, the method and arguments up to the base case and in the inductionstrin are fully aligned with what is required for partial credit. 20 points

For Problems 5a and 5b, I constructed a complete truth table using the correct concepts, and I included all eight possible rows since  $2^3 = 8$ , exactly as required by the problem statement.

While my final answers were not entirely correct, I believe based on the grading guidelines, that correct execution and structure should merit significant partial credit 10-20 points.

For Problem 9 my solution is correct according to the solution. I analyzed every sequence, applied the relevant algorithm step by step, and justified my answer accordingly. This should result in full marks for this problem 120 points it says on the exampaper - but in the message you sent us it says 90 point? which is confusing.

Problem 7, although my final answer may have been incorrect, I used the correct formula and my reasoning was consistent with the solution approach 10 points.

Problem 6, my solution may have not been 100%, but I used induction and up to the base case it is correct: 20 point.

$30+20+10-20+120 + 20 = 200-210$  points

Is this not enough points to pass as it says on the absalon message that 160 points was enough for 02?

If there are specific problems where my estimated points differ significantly from your grading, I would greatly appreciate any clarification, so I can better understand how to improve in the future.

I appreciate the time you will take to look at it. Thank you so much in advance.



**Sabrina khalid Ismail**

[jsx430@alumni.ku.dk](mailto:jsx430@alumni.ku.dk)

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