

# Digital exam in INF3510

## Information Security (Spring 2018)

Date and time: 1 June 2018, 09:00h - 13:00h

Permitted materials: Language dictionary

Please regard the following directions:

- The exam contains 44 questions with a total of 100 points (= 100 %).
- Each question states explicitly the marking scheme.
- For questions of type "matching" (i.e. a matrix) the following applies:
  - Negative points are given for incorrect rows.
  - The overall score for the total question is always at least 0 points (even if the sum over all rows is negative).
  - There is the possibility of selecting no option inside a row ("no answer"), which gives 0 points.
  - **Attention: Once you have selected any option in a row, it is NOT possible to remove all choices and go back to "no answer".**
- The questions are grouped under 10 parts that correspond approximately to 10 of the lectures in this course.
- Be concise. When answering a question, it is often sufficient to write a single expression or sentence to describe each concept that the question asks for.
- Answers can be written in English or in Norwegian.

### Example for Matching Question:

Select the correct species.

*Points: 1 for each correct answer, -1 for wrong answer, 0 for no answer*

**Please match the values:**

	Mouse	Dog	None of them
Mickey Mouse	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Goofy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Donald Duck	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pluto	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Examples for Answer Variations:

	Mouse	Dog	None of them
Mickey Mouse	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Goofy	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Donald Duck	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Pluto	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

4 correct → 4 Points

	Mouse	Dog	None of them
Mickey Mouse	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Goofy	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Donald Duck	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Pluto	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

3 correct, 1 wrong → 2 points [3 + (-1)]

	Mouse	Dog	None of them
Mickey Mouse	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Goofy	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Donald Duck	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Pluto	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

3 correct, 1 unanswered → 3 points [3 + 0]

	Mouse	Dog	None of them
Mickey Mouse	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Goofy	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Donald Duck	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pluto	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

1 correct, 1 unanswered, 2 wrong → 0 points [1 + 0 + (-2) = -1; but 0 is minimum]