**I. Pen-and-paper**

1. You can use OpenDocumentText, Word or Latex to write your report.

We suggest Cambria Math font with 11pt for main text, using single line spacing and 6pt paragraph.

You can use 10pt in tables and formulas, e.g.

You can paste images of a handwritten solution, yet guarantee their high-quality resolution and contrast.

1. Using the formula obtained in **1)**, the following values were obtained:

P(1| Class = 0) =

P(2| Class = 0) =

P(3| Class = 0) =

P(4| Class = 0) =

P(5| Class = 0) =

P(6| Class = 0) =

P(7| Class = 0) =

P(8| Class = 0) =

P(9| Class = 0) =

P(10| Class = 0) =

P(1| Class = 1) =

P(2| Class = 1) =

P(3| Class = 1) =

P(4| Class = 1) =

P(5| Class = 1) =

P(6| Class = 1) =

P(7| Class = 1) =

P(8| Class = 1) =

P(9| Class = 1) =

P(10| Class = 1) =

The resulting confusion matrix is drawn as follows:

Predicted results

|  |  |  |
| --- | --- | --- |
|  | Positive | Negative |
| Positive | TP = 5 | FN = 1 |
| Negative | FP = 2 | TN = 2 |

Real

results

1. The F1 score is calculated as follows:
2. Answer 4

**II. Programming and critical analysis**

1. Answer 5
2. Answer 6
3. Answer 7
4. Answer 8

**III. APPENDIX**

Paste your programming code here using Consolas 9pt or 10pt.

Use **highlighting** or colored text to facilitate the analysis by your faculty hosts.

**END**