

Comments The average on the MCQ section was 68% (about 14/20).

For section B, most people did very well. There were however a significant number of people who could not state clearly what the perceptron learning rule is, instead choosing to simply describe what a perceptron is in itself, instead of the learning rule used upon it.

For the ID3 algorithm question, very few people could clearly state what the mathematical equation was for information gain, confusing it with other concepts.

Regarding Question C.2, students did not perform well in general. For C.2.(a), it is a question on book knowledge but requires the understanding on general clustering analysis. Most of students did not think about an essential step for any clustering algorithms including the one in this question, i.e., selecting a specific distance metric before starting a clustering algorithm. For C.2.(b), it is regarding a typical application of clustering analysis. Few students take all aspects concerned by this real world problem into account. As a result, they simply gave a clustering algorithm without analysis and reasonable justification in their answers, which is insufficient.
