

Name:

SID:

COMP 4446 / 5046 Quiz 4 (week 10) - version A

Please see the screen for your questions. Note, we have intentionally provided boxes that are larger than necessary. Your answer does not need to fill the whole box.

1. (1 mark) When providing examples for in-context learning, what way of ordering them would hurt performance?

Solution: Any of the approaches from lecture 9 were accepted. For example, sorting them in a way that places many of the same label together.

2. (1 mark) When does LoRA improve performance and on what measure?

Solution: When: during training.
What measure: memory used.

3. (1 mark) What is a key difference between pre-training and training?

Solution: We accepted any of the differences from lecture 8: how often it is done, how long training is, what compute resources are used, whether it only involves raw text data or more.

4. (1 mark) When querying the Pinecone database, how is the query represented?

Solution: A vector / embedding.