START OF QUIZ
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Question 1

Explain why extrinsic evaluation can be a much more desirable method of evaluating the quality of word vectors than intrinsic evaluation (we didn't have this in the slides, but remember that intrisic evaluation is something like the analogy task, that tries to measure the quality of the vectors directly). (2)

Question 2

Topic: Lecture 5
Source: Lecture 5

In class, we talked about how a "typical" dimensionality for embeddings is in the range of
100-500. What might be some consequences if we estimated too low or too high? (2)

Question 3

Topic: Lecture 7
Source: Lecture 7

We took a look at 2 different ways of implementing the TextTiling algorithm - one with vector overlap, and one with BERT. Can you think of how we might modify the algorithm further to strengthen up its weaknesses? (No is not a valid answer.) (2)

Question 4

What tools are required to build an entity grid? (not structures - matrices, etc. are interesting, but I'm asking what kind of NLP tools are necessary to fill the grid - there are at least 2.) (1)

Question 5

Topic: Lecture 7
Source: Lecture 7

What is the difference between coherence and cohesion? (1)

Question 6

Topic: Lecture 6
Source: Lecture 6

When running a window-based approach to vector embeddings (such as CBOW or skip-gram), when would it make sense to keep stopwords, and when would it make sense to remove them? (1)

Question 7

Topic: Lecture 5
Source: Lecture 5

Which is likely to have the lowest PMI? A rare word and a frequent word that appear together frequently, or two frequent words that appear together frequently? (1)

Question 8

Topic: Lecture 8
Source: Lecture 8

Describe a Discourse Unit. (1)

Question 9

Topic: Long
Source: Lecture 8

Draw the RST Tree of the following paragraph (you can use the parenthetical notation we used in class): Although Henry was a professor of archeology, he didn't really like teaching. He preferred to go on adventures, searching for lost artifacts. Sometimes, this meant he had to fight Nazis, and one time, aliens. He time-traveled once, too. But he saved the world a few times, so the University was ok with it. (3)

END OF QUIZ