START OF QUIZ
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Question 1

Topic: Lecture 7
Source: Lecture 7

Explain salience with respect to entities in a sentence (ie, when identifying Cf). (1)

Question 2

Topic: Lecture 7
Source: Lecture 7

Why are we interested in backward-facing centers (Cb)? Why not just consider the entities in the current sentence? (1)

Question 3

Topic: Lecture 8
Source: Lecture 8

Do you think we could use word embeddings for coreference resolution? What kind of assumptions would we be making, and why do you think it might still be a very difficult task? (2)

Question 4

Topic: Lecture 5
Source: Lecture 5

When we were calculating PMI of a symmetric matrix, why is it not a case of double counting the word in our document? ie., why do the counts of (attorney, fun) and (fun, attorney) not count as two counts each of attorney and fun (such as when we are calculating the total sum of the matrix? (2)

Question 5

Topic: Lecture 6
Source: Lecture 6

What are two significant shortcoming of the Word2Vec model? (1)

Question 6

Topic: Lecture 8
Source: Lecture 8

Describe a Discourse Unit. (1)

Question 7

Topic: Lecture 6
Source: Lecture 6

What is the purpose of negative sampling in a Word2Vec model? (1)

Question 8

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 9

Topic: Long
Source: Lecture 5

All of these embeddings we've been looking at have been an effort to translate meaning into math, so that we can use computational algorithms (which are good at math) to process meaning. To what extent do you think that these are a good approximation for how we understand language, and to what extent do you think they are a poor approximation? (3)

END OF QUIZ