START OF QUIZ
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Question 1

Topic: Lecture 2
Source: Lecture 2

Consider the following sentences: "James married Joyce in 2010. Their son Ulysses was born in 2013. In 2015, James and Joyce divorced." Extract all of the RDF triples you can from the sequence. (2)

Question 2

In the sentence: "I have not gone by the name of 'Obi-wan Kenobi' since before you were born.", how do we know that he has not gone back to using the name? (1)

Question 3

Topic: Lecture 4
Source: Lecture 4

Along with the features described in class for non-neural SRL, suggest 2 other features that we could use. (1)

Question 4

Topic: Lecture 3
Source: Lecture 3

How might theta roles help in the task of anaphora resolution? (1)

Question 5

Topic: Lecture 1
Source: Lecture 1

Briefly explain the role of a gazetteer, and one way of creating one. (1)

Question 6

If we were to attempt joint NER and SRL, how would we set up the model? Describe the input, the architecture, and the output. (2)

Question 7

Imagine that we were using the Viterbi algorithm to ensure that our sequence of NER tags is valid. What might the scores in the transition matrix look like? (2)

Question 8

Topic: Lecture 3
Source: Lecture 3

Thinking in terms of vector semantics, do you think that each dimension of word embeddings could be considered a "semantic fundamental" (like "speaking", "load", "incoherent", etc.). Briefly explain. (1)

Question 9

Topic: Coding
Source: Lecture 2

Write code that uses a list of RDF triples to discover more through bootstrapping. (3)

END OF QUIZ