START OF QUIZ
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Question 1

Topic: Lecture 4
Source: Lecture 4

We talked about a few other contraints for the ILP solver, such as making sure that "ARG0 must occur before ARG1". How would you implement this as an ILP constraint? (You don't need to write the pulp code - just explain how you would force the constraint.) (2)

Question 2

Topic: Lecture 1
Source: Lecture 1

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

Question 3

Topic: Lecture 1
Source: Lecture 1

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 4

Topic: Lecture 3
Source: Lecture 3

Give an example of a sentence where the subject is also the theme of the sentence (hint: it might have a special sentence structure). (1)

Question 5

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 6

Topic: Lecture 3
Source: Lecture 3

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

Question 7

Topic: Lecture 2
Source: Lecture 2

What are the steps necessary for normalizing temporal events? (1)

Question 8

Topic: Lecture 4
Source: Lecture 4

Why do you think that we pass the output of our classifier to an ILP solver instead of just incorporating the constraints into the model? (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