START OF QUIZ
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Question 1

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 2

Topic: Lecture 3
Source: Lecture 3

Imagine that we came across the word "extrambulate" in the following sentence: "Realizing that she was going to be late for the bus, Jane extrambulated to the stop." What verb class does this verb belong to? What are 2 features that distinguish it from the prototype of the class? (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 1
Source: Lecture 1

Give a BIO tagging of the following sentence: “On the 24th of February 1815, the lookout at Notre-Dame de la Garde signalled the arrival of the three-master Pharaon, coming from Smyrna, Trieste and Naples.” (2)

Question 5

Topic: Lecture 2
Source: Lecture 2

How can we use POS/morphological tagging to aid in temporal relation extraction? (1)

Question 6

Topic: Lecture 2
Source: Lecture 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 7

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 8

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 9

Topic: Coding
Source: Lecture 2

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

END OF QUIZ