START OF QUIZ
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Question 1

Topic: Lecture 2
Source: Lecture 2

What is the purpose of a dictionary gloss? (1)

Question 2

Topic: Lecture 3
Source: Lecture 3

Given that A is True, B is False, and C is True, list 3 complex statements that are true, and 2 that are false.

(1)

Question 3

Topic: Lecture 4
Source: Lecture 4

Some verbs in English can take either one or two objects (such as ”see” - I see a bird vs. I see a bird with binoculars). Explain, in terms of lambda calculus, why we would need separate predicates for these different uses of ”see”. (2)

Question 4

Topic: Lecture 2
Source: Lecture 2

How might translation affect WSD? (1)

Question 5

Topic: Lecture 4
Source: Lecture 4

How would you describe the following sentence in FOL (you don't need to write the FOL statement - just describe how it would be structured)? Before running, you must learn to walk.

Question 6

Topic: Lecture 1
Source: Lecture 1

What are the benefits of representing synonymy and hypernomy in a graph? Do you think there could be a better data structure or way of representing the information? Briefly explain. (2)

Question 7

Topic: Lecture 1
Source: Lecture 1

Why are antonyms conditioned on lemmas, instead of synsets? (1)

Question 8

Topic: Lecture 3
Source: Lecture 3

Given the following ambiguous sentence, give both meanings in unambiguous FOL. The garbage truck has four wheels and flies.

Question 9

Topic: Long
Source: Lecture 1

In class, we talked about how everyone has a slightly different meaning associated with most words. Explain why this isn't typically a barrier to communication, but how it could cause problems for computational algorithms. Do you think that algorithms can mostly overcome these problems? Why or why not? (3)

END OF QUIZ