START OF QUIZ
Student ID:
30425177,He,Hao Chen

Question 1

Topic: Lecture 2
Source: Lecture 2

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

Question 2

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 3

What is the relationship between roots and a tree?

Question 4

Given that A is False, B is False, and C is False, list 3 complex statements that are true, and 2 that are false. (1)

Question 5

In class, we went over some common OWL and RDFS constraints that we can place on predicates, but we only ever attached one. Can you think of any instances of bivariate (ie, two parameter) predicates that could use multiple constraints? If so, briefly describe the predicate and its constraints, and if not, briefly describe why this is unnecessary. (2)

Question 6

Given the following ambiguous sentence, give both meanings in unambiguous FOL. The lecturer said that there would be a test on Friday.

Question 7

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 8

Topic: Lecture 2
Source: Lecture 2

What is the meaning of "One document, one sense" as it applies to Word Sense Disambiguation? (1)

Question 9

Topic: Long
Source: Lecture 3

Write an FOL representation for the following sentences: Oranges are sweet, but some lemons are sweeter. Remakes of movies are always disappointing. Flying monkeys cannot exist. Not all cloudy days produce rain.

END OF QUIZ