

START OF QUIZ

Student ID:

33836685,LAM,HUI YIN

Question 1

Topic: Lecture 2

Source: Lecture 2

How might translation affect WSD? (1)

Question 2

Topic: Lecture 1

Source: Lecture 1

What is the relationship between a banana and a fruit?

Question 3

Topic: Lecture 4

Source: Lecture 4

What is the purpose of an ontology? (1)

Question 4

Topic: Lecture 3

Source: Lecture 3

Describe the effect that negation has on other logical operators - specifically, conjunction, disjunction, existence, and universality. You don't need to write this in FOL - a couple of sentences are fine. (2)

Question 5

Topic: Lecture 2

Source: Lecture 2

Describe why the "most frequent sense" baseline is so strong. What are some assumptions that it makes? (2)

Question 6

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)? After climbing a great hill, one only finds that there are many more hills to climb.

Question 7

Topic: Lecture 1

Source: Lecture 1

Define the LCS. Why is it important for calculating word similarity? (2)

Question 8

Topic: Lecture 3

Source: Lecture 3

Prove that $A \leftrightarrow B \iff A \rightarrow B \ \& \ B \rightarrow A$ (1)

Question 9

Topic: Long

Source: Lecture 3

Write an FOL representation for the following sentences: Blueberries are sweet, but strawberries are sweeter. The book is always better than the movie. Some spiders are dangerous. In winter, it always rains in Vancouver.

END OF QUIZ