

START OF QUIZ

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Question 1

Topic: Topic3

Source: Lecture 3

What is the Modus Ponens conclusion available from the following statements? If Modus Ponens does not apply, state so. Jim has hair. Bald men have no hair.

Question 2

Topic: Topic1

Source: Lecture 1

What is the relationship between sweet and sour?

Question 3

Topic: Topic4

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”.

Question 4

Topic: Topic4

Source: Lecture 4

What is the purpose of an ontology?

Question 5

Topic: Topic1

Source: Lecture 1

Why is Wu-Palmer similarity more reliable than path similarity?

Question 6

Topic: Topic3

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 sentences are fine.

Question 7

Topic: Topic2

Source: Lecture 2

What is the underlying assumption of the Lesk Algorithm?

Question 8

Topic: Topic2

Source: Lecture 2

In class, I mentioned that we rarely do WSD explicitly, because we would need one model per word. In COLX 521, we saw that we could lemmatize words to reduce them to a common form. Why couldn't we do something similar (like reducing all synonyms to a common hypernym) for WSD?

Question 9

Topic: Coding

Source: Lecture 4

Give an example of 3 RDF statements, other than we described in class. (ie, an example of an inverse relationship is ...; an example of a transitive relationship is ...)

END OF QUIZ