

Quiz 7

	wo sentences S1: "The snow melted." and S2: "Snow White slept.", what antic role of "snow" in S1 and "Snow White" in S2?
	agent & agent
	theme & theme
	agent & theme
	theme & agent
	of the following is false? (interpret d and e as true statements: do not m to mean e and d)
	One approach to understand the meaning of a sentence is to parse the sentence I build semantic attachments from bottom-up.
issi	Using syntax-driven semantic analysis, we can solve the quantifier scoping ue that occurs in "every restaurant serves a burger."
	Lambda calculus is an extension of first-order predicate calculus, which roduces variables that can be bound later.
	All of those above are false.
	All of those above are true.
	s true about statistical parsing techniques?
•	For an efficient agenda-based parser, we use uniform-cost search.
CK	It is possible that the agenda-based parser might not find the best parse that a XY algorithm can find because an edge could fall off the agenda before its best see is seen.
by	It is possible to reduce the time complexity of dependency parsing to O(n^2) introducing the idea of triangles and trapezoids.
	None of the above are true.
	All of the above are true.
	rying to compose the meaning representation of the sentence "Tim likes w many arguments should the predicate "likes" take?
Jane, no	• •
	1
_	2

	3
	Other
	e lecture on Wednesday (5/21), Professor Manning demonstrated an early
_	c system written in Prolog. What is the name and what does it do?
	Chat-80. It is a natural language interface to a geographical database.
	Chat-80. It is programmed be behave like a psychotherapist.
	GeoQuery. It is a natural language interface to a geographical database.
	GeoQuery. It is programmed be behave like a psychotherapist.
	What are you talking about? No system was demoed Wednesday.
6: which Collins?	of the following is not a feature of one of the lexicalized PCFG model of
	•
	buccutegorization frames for each vero.
	A distance measure that is a function of the words below the previous nodifiers.
	Four-level back-off smoothing.
	_
	_
	h of the following techniques is useful for recovering the k-best parses for a
sentence	
	Beam search
	A* search
	Agenda/Chart-based search
	Best-first search
	None: all are mainly used to find a single best parse.
	h of the following sentences does not exemplify the ambiguities of quantifier
scoping (
	"Every man seeks a white elephant."
	Three Tenenmen visited tive Russians.
	"All the sentences contain a quantifier scoping ambiguity." (This is a sentence consider, not an answer)
	All of the sentences above contain a quantifier scoping ambiguity. (This is an nswer)
	h of the following statements is false?
	For generative parsing models, it is easy to include arbitrary features on the
S	hape and constituents of the tree.
	The decardey of discriminative retaining systems is bounded by the ordere
_	ccuracy on their first-stage parser outputs.
	Uniform-cost parsing performs parsing inside-out but asynchronously as

opposed to CKY.

All are true.